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April 3, 2015

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**Subject: Final Area-Wide Non-PCB Constituent Screening Evaluation  
OU-5 Allied Paper, Inc./Portage Creek/Kalamazoo River Superfund Site**

Dear Mr. Saric:

The final *Area-Wide Non-PCB Constituent Screening Evaluation*, Allied Paper, Inc./Portage Creek/Kalamazoo River Superfund Site has been revised based on USEPA's March 4, 2015 approval and final comments and MDEQ's March 6, 2015 comments. The revised report is being submitted in accordance with Paragraph 33 of the February 2007 Administrative Settlement Agreement and Order on Consent (AOC) for Remedial Investigation/Feasibility Study (Docket No. V-W-07-C-864) and Section 1.2.1.1 of the Statement of Work (SOW) associated with the AOC. The document was submitted electronically through a file transfer link on April 3, 2015, and files will remain available for electronic download through April 10, 2015. Hard copies and CDs as listed below will follow and will be sent via overnight delivery by April 10, 2015.

If you have any questions, please do not hesitate to contact me.

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# Area-Wide Non-PCB Constituent Screening Evaluation Allied Paper, Inc./Portage Creek/Kalamazoo River Superfund Site, Operable Unit 5

Project No: 3293150000.0009

Prepared for:



**Georgia-Pacific**

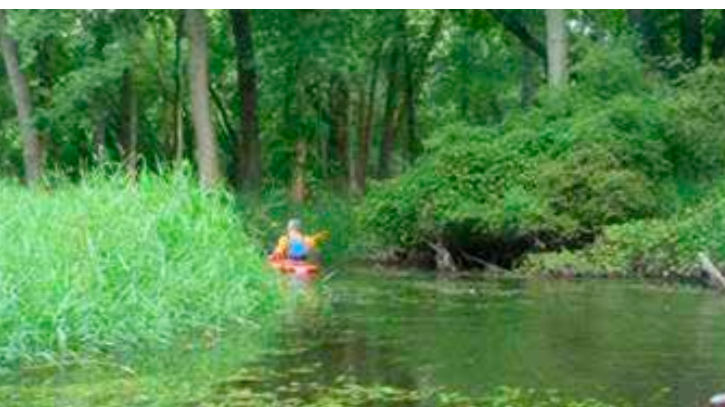
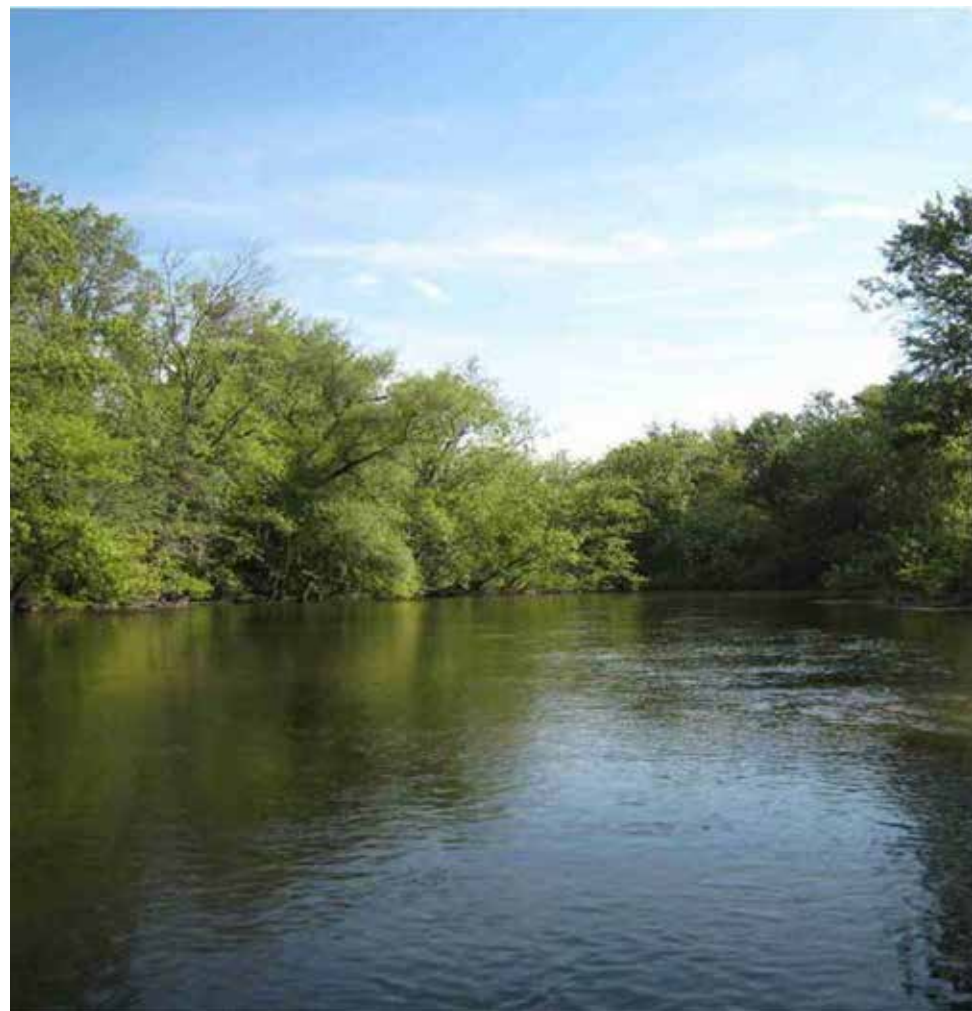
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## ABBREVIATIONS AND ACRONYMS

Abbreviation/ Acronym	Definition
°C	degrees Celsius
µg/kg	Micrograms per kilogram
BEHP	bis(2-ethylhexyl) phthalate
bgs	Below Ground Surface
BHC	Hexachlorocyclohexane
BTAG	Biological Technical Assistance Group
CCA	Copper Chromated Arsenate
CCME	Canadian Council of the Environment
CCP	Carbonless Copy Paper
CDD	Chlorinated dibenzo-p-dioxins
CDF	Chlorinated dibenzo-p-furans
CERCLA	Comprehensive Environmental Response, Compensation, and Liability Act
COI	Constituent of Interest
COC	Constituent of Concern
DDE	Dichlorodiphenyldichloroethylene
DDT	Dichlorodiphenyltrichloroethane
DNBP	Di-n-butyl phthalate
Eco-SSL	Ecological Soil Screening Level
EPC	Exposure Point Concentration
ESV	Ecological Screening Value
FOD	Frequency of Detection
Georgia-Pacific	Georgia-Pacific LLC
H <sub>0</sub>	Null Hypothesis
HQ	Hazard Quotient
IPWC	Interval Participation Weighted Concentration
KM	Kaplan Meier
LANL	Los Alamos National Laboratory
MDEQ	Michigan Department of Environmental Quality
mg/kg	Milligrams per kilogram
ng/kg	Nanograms per kilogram
ORNL	Oak Ridge National Laboratory
OU	Operable Unit
PAH	Polycyclic Aromatic Hydrocarbon
PCB	polychlorinated biphenyl
PEC	Probable Effects Concentration
PCB	Polychlorinated Biphenyl
RCRA	Resource Conservation and Recovery Act
RI/FS	Remedial Investigation/Feasibility Study
Site	Allied Paper, Inc. /Portage Creek/Kalamazoo River Superfund Site
SRI	Supplemental Remedial Investigation
SVOC	Semi-Volatile Organic Compound
TCDD	2,3,7,8-Tetrachlorodibenzo-p-dioxin
TEC	Threshold Effects Concentration
TEF	Toxicity Equivalence Factor

<b>Abbreviation/ Acronym</b>	<b>Definition</b>
TEQ	Toxicity Equivalence
TSCA	Toxic Substances Control Act
UCL	Upper Confidence Limit
USEPA	U.S. Environmental Protection Agency
VOC	Volatile Organic Compound



## EXECUTIVE SUMMARY

Throughout the remedial investigations within the Kalamazoo River – Operable Unit 5 (OU-5) Superfund Site (Site), polychlorinated biphenyls (PCBs) have been identified as the constituent of concern (COC). Data for constituents other than PCBs have also been collected within Areas 1 through 3 of OU-5 and other associated OUs. The objectives of this evaluation are: 1) to identify non-PCB constituents that may be constituents of interest (COIs) for the Site and 2) to confirm that PCBs are the driver for risk and remediation at the Site. For COIs identified in this evaluation, a quantitative comparison of potential risk between non-PCB COIs and total PCBs along with collocation mapping was performed to meet these objectives.

For purposes of this evaluation, COIs are non-PCB constituents detected in soil and/or sediment that were identified for further consideration based on a tiered screening process. COIs are not COCs that potentially pose an unacceptable risk to human health or the environment, but are constituents that may be recommended for further consideration. Multiple sources, both naturally occurring and/or anthropogenic, likely contribute to the presence of non-PCB constituents in floodplain soil and sediment. The focus of this report is the identification of non-PCB COIs through a preliminary risk-based screening methodology and collocation mapping. This report is not a baseline risk assessment.

The first step in the process was to identify soil and sediment analytes reported in samples collected in Areas 1 through 3. Detected constituents were identified for tiered screening; the detection limits for non-detected analytes were evaluated as part of the uncertainty analysis. Dioxins/furans were evaluated as toxicity equivalents to 2,3,7,8-tetrachlorodibenzo-p-dioxin (TCDD) toxicity equivalences (TEQs).

Detected constituents in soil and sediment were evaluated using a step-wise, tiered approach to identify primary COIs and secondary COIs. The step-wise approach included the following steps:

### Tier 1 Screening

- Step 1. Identify field sampling and laboratory artifacts
- Step 2. Evaluate frequency of detection (FOD) for each constituent
- Step 3. Compare maximum constituent concentrations to Tier 1 human health and ecological screening levels
- Step 4. Compare mean constituent concentrations to background levels for soil and reference concentrations for sediment

Constituents that were not eliminated during the Tier 1 screening steps were carried forward to the Tier 2 evaluation.

## Tier 2 Screening

Step 5: Calculate a hazard quotient (HQ) for remaining constituents by dividing the exposure point concentration (EPC) by the Tier 2 human health or ecological screening values to identify primary COIs and secondary COIs for human and ecological receptors

Step 6: Compare mean concentrations of primary COIs and secondary COIs to mean concentrations of paper residuals and test whether the concentrations in these media are statistically similar

Step 7: Compare HQs of COIs to HQs for total PCBs and to HQs based on background/reference concentrations

Step 6 of the Tier 2 screening consists of comparisons only for primary COI and secondary COI mean concentrations to paper residuals mean concentrations; no constituents are eliminated from further evaluation in this step.

Step 7 is also a comparison, and is weighted heavily in qualifying the importance of carrying a specific COI forward in this evaluation. Step 7 identifies non-PCB constituents which indicate the potential for less risk than that associated with total PCBs. Therefore, non-PCB constituents showing a lower potential risk relative to total PCBs (lower HQs) will not be carried forward for further evaluation. Non-PCB constituents that indicate a potential for risk greater than total PCBs will be further evaluated through evaluation of the Tier 2 screening values and collocation mapping with total PCBs.

In the Tier 2 evaluation, HQs were estimated for the remaining constituents in soil and sediment by dividing the EPC by risk-based values protective of human health and ecological receptors. EPCs are both the upper confidence limit of the arithmetic mean and the mean. In this preliminary screening evaluation, an HQ of 1 or less was assumed to indicate that exposure to the constituent would not pose adverse health effects to potential receptors, and therefore, such constituents were not carried forward to the Tier 2 evaluation. Constituents with HQs greater than 10 in the Tier 2 evaluation were identified as primary COIs. Constituents with HQs between 1 and 10 in the Tier 2 evaluation were identified as "secondary" COIs. Samples were collected along riverbanks, with fine-grained materials targeted. Also, samples were primarily collected in former impoundments in impacted areas and were not randomly selected. Therefore, data results are likely biased high and overestimate the actual EPCs. An HQ greater than 1 does not necessarily indicate that adverse impacts will occur due to the conservative screening criteria applied and high bias in the dataset towards contaminated areas. Given the uncertainty in the applicability of the screening values and the high-biased nature of the dataset, an HQ of 10 was considered an appropriate target threshold value. An HQ of 10 provides for reasonable certainty that a constituent should be retained for further evaluation. HQs between 1 and 10 were also selected as secondary COIs for further evaluation. Identification as a secondary COI does not eliminate the constituent from further evaluation, but serves as a qualifier of uncertainty.

**Soil Summary** – After completion of Step 5 for human health and ecological endpoints, the following primary COIs and secondary COIs were identified.

Human Health

Primary COIs: None  
Secondary COIs: Arsenic and TCDD TEQ

Ecological

Primary COIs: Lead, mercury, bis(2-ethylhexyl) phthalate (BEHP), di-n-butyl phthalate (DNBP), and TCDD TEQ  
Secondary COIs: Cadmium, chromium, copper, manganese, selenium, vanadium, zinc, dieldrin, and dichlorodiphenyltrichloroethane (DDT)

The concentrations of the soil primary COIs and secondary COIs were then statistically compared to paper residuals concentrations with the following results.

- Concentrations of BEHP in soil are significantly less than concentrations in paper residuals. BEHP is a common field sampling artifact and a common environmental contaminant.
- DNBP, chromium, lead, mercury, and TCDD TEQ in soil had mean concentrations equivalent to mean concentrations in paper residuals.
- The mean concentrations of secondary COIs (arsenic, cadmium, manganese, selenium, and vanadium) were greater in soil than in paper residuals.
- For other secondary COIs, the mean concentrations of copper, zinc, and DDT are equivalent to the mean concentrations in paper residuals.
- Dieldrin, a secondary COI, was not detected in paper residuals. Thus, no statistical comparison was performed.

These results indicate that other sources of some primary COIs and secondary COIs may contribute to COI soils concentrations where these soils concentrations were similar to or greater than paper residuals. The descriptive statistics (sample number, standard deviation), provided in the main text, varied for the primary COIs/secondary COIs and should be considered in this comparison step.

A comparison of total PCB HQs, background HQs, and non-PCB COI HQs indicates that PCBs are the risk driver for human health in soil. For human health, the mean HQs for the secondary COIs (arsenic and TCDD TEQ) were less than that of the total PCB mean HQ in soil. No primary COIs were identified.

This same comparison for ecological receptors identified one primary COI, TCDD TEQ, as having a mean HQ greater than that of total PCBs. TCDD TEQ was further evaluated in regard to specific ecological receptors to produce a range of ecological screening values (ESVs)/HQs and collocation mapping with total PCBs in floodplain soils.

### Screening Threshold Values

The most conservative TCDD TEQ Tier 2 ESV for mammals [0.29 nanogram per kilogram (ng/kg)] was used to estimate the soil HQ. Other Tier 2 ESVs are much greater (5,000,000 ng/kg for invertebrates and 840 ng/kg for birds). Use of the most conservative ESV for TCDD TEQ yields a mean HQ of 558 for mammals. Additional mammal ESVs for TCDD TEQ include 3.15 ng/kg for the short-tailed shrew, 22.3 ng/kg for the white-footed mouse, 30.6 ng/kg for the red fox, and 4,550 ng/kg for the white-tailed deer (Efroymson et al. 1997). These additional mammalian ESVs for soil presented in Efroymson et al. (1997) were derived by iteratively calculating exposure estimates using different soil concentrations and conservative soil-to-biota contaminant uptake models which account for the ingestion of soil as well as food. Using the additional mammalian ESVs, a range of alternative HQs could be derived: 51 for the short-tailed shrew, 7.2 for the white-footed mouse, 5.7 for the red fox, and 0.035 for the white-tailed deer, which are below the total PCBs HQ of 108. Therefore, except for the most conservative ESV of 0.29 ng/kg, the range of mammalian ESVs result in HQs less than the total PCBs HQ of 108. Mean HQs for invertebrates and birds are less than the threshold of 1; a plant ESV for TCDD TEQ is not available in the scientific literature. Use of the most conservative mammalian ESV overstates potential risk for terrestrial ecological receptors in general.

### Collocation Mapping

Most samples with elevated TCDD TEQ concentrations fall within the remedial footprint designed for total PCBs, and will be addressed by remedies designed for PCBs as shown on Figures 2-2 through 2-4. Figure 2-2 shows the location and concentration of TCDD TEQ in Area 1 where the TCRA for the Former Plainwell Impoundment was performed. This sample location was within the removal area for this TCRA and no longer represents current conditions. The Area 2 remedial footprint identified in Figure 2-3 is based on that submitted to USEPA and Michigan Department of Environmental Quality (MDEQ) with the Area 2 Alternative Screening Technical Memorandum (ASTM). The remedial footprint was based on areas showing elevated concentrations of total PCBs. Therefore, Figure 2-3 represents a collocation of the Area 2 remedial footprint (elevated total PCBs) and TCDD TEQ sample locations/concentrations. Figure 2-4 is a side-by-side comparison of Area 3 maps showing the total PCB sample locations and color-coded concentrations level and the TCDD TEQ sample locations and numeric concentrations. An area with elevated total PCB concentrations in soil appears downstream from the M-89 Bridge to the Otsego Township Dam and in a smaller area just upstream of the M-89 Bridge. Although an ASTM and remedial footprint have not yet been prepared for Area 3, the remedial footprint will include these areas of elevated total PCBs, which are collocated with elevated TCDD TEQs. Therefore, PCBs remain the COC for remedial decisions in the floodplain soil.

An elevated TCDD TEQ concentration (252 ng/kg) was observed at one location in Area 2 (Figure 2-3) south of the main channel where near-by PCB concentrations were low. Near-by maximum concentrations of PCBs ranged from 2 to 5 mg/kg (Figure 4-1 from the April 28, 2014 Area 2 SRI report; AMEC 2014). Dioxins are formed as the result of combustion processes

such as the burning of wood, coal, and oil (FDA 2008). Additional sources include air emissions from commercial and municipal waste combustion, hazardous waste incineration, chemical production, and cement kilns and also include wastewater releases from chlorine-bleached pulp and paper mills (Hutzinger et al. 1985; Ballschmiter et al. 1986; USEPA 2006a). Paper recycling and secondary fiber mills are also reportedly sources of dioxins/furans (Rappe et al. 1990). However, several studies indicate that dioxins/furans concentrations in effluent from the paper recycling industry and secondary fiber mills (not using bleaching processes) contain lower concentrations of dioxins/furans than that found in paper mill wastes that use bleaching processes (Rappe et al. 1990, USEPA 1993, USEPA 2006a). This region has contained a number of potential sources as listed above.

**Sediment Summary** – After completion of Step 5 for human health, the following primary COIs and secondary COIs were identified.

Human Health

Primary COIs:           None  
Secondary COIs:       None

Ecological

Primary COIs:           TCDD TEQ  
Secondary COIs:       Lead, benzo(k)fluoranthene, dibenzo(a,h)anthracene, and endosulfan I

The concentrations of the sediment ecological primary COIs and secondary COIs were statistically compared to paper residuals and soil concentrations. TCDD TEQ is significantly less in concentration in sediment than observed in soil or in paper residuals. Mean concentrations of lead in sediment is equivalent to mean concentrations observed in paper residuals and in soils. Endosulfan I, benzo(k)fluoranthene, and dibenzo(a,h)anthracene were not detected in paper residuals and no statistical comparison was possible. These results suggest that other natural and anthropogenic sources of some primary/secondary COIs contribute to concentrations detected in Site soil and sediment. The descriptive statistics (sample number, standard deviation), provided in the main text, varied for the primary COIs/secondary COIs and should be considered in this comparison step.

Total PCB HQs and background HQs were then compared to non-PCB COI HQs. The HQs of COIs were lower than the HQ for total PCBs. Therefore, total PCBs drive risk management and remedial decisions for sediment.

**Conclusions** – This screening document has met the goal of confirming that PCBs are the driver for risk and remediation. To validate this conclusion, sample analysis of dioxins/furans for risk assessment and collocation mapping is recommended for the Area 4 floodplain.



## 1.0 INTRODUCTION

Georgia-Pacific LLC (Georgia-Pacific) is conducting a Remedial Investigation/Feasibility Study (RI/FS) for Operable Unit 5 (OU-5) of the Allied Paper, Inc./Portage Creek/Kalamazoo River Superfund Site (Site) in Kalamazoo and Allegan Counties of southwest Michigan. This work is being performed with oversight of the U.S. Environmental Protection Agency (USEPA) under the Comprehensive Environmental Response, Compensation, and Liability Act (CERCLA) and an Administrative Settlement Agreement and Order on Consent signed by Georgia-Pacific on February 21, 2007.

OU-5 encompasses 80 miles of the Kalamazoo River from Morrow Dam east of Kalamazoo to the river mouth at Lake Michigan, plus a stretch of Portage Creek in Kalamazoo. The other OUs are the Allied Paper, Inc. Landfill (OU-1), Willow Boulevard/A-Site Landfill (OU-2), King Highway Landfill (OU-3), the 12th Street Landfill (OU-4), and the former Plainwell Mill (OU-7). This report evaluates available analytical data from soil and sediment from Areas 1, 2, and 3 of OU-5 (Figure 1-1) against upstream/reference area data collected upstream of Area 1 (Figure 1-2) and paper residuals data from OU-1, OU-2, OU-3, and OU-4.

Data collected for the Supplemental Remedial Investigations (SRIs) of Areas 1, 2, and 3 of OU-5 (referred to as the Site hereafter) and other supporting data collections within these three areas were queried to identify soil and sediment sample results for constituents other than polychlorinated biphenyls (PCBs) (i.e., non-PCB constituents). Previous samples were analyzed for volatile organic compounds (VOCs) and semi-volatile organic compounds (SVOCs), metals, pesticides, dioxins/furans, and PCB congeners. Non-PCB constituents of interest (COIs) were identified through the screening process detailed in this document. USEPA, the Michigan Department of Environmental Quality (MDEQ), and Georgia-Pacific agreed during a March 12, 2014, conference call that this non-PCB constituent screening would be performed on soil and sediment sample data, and that the media of fish and surface water would not be evaluated for non-PCB constituents. Groundwater impacts and potential leaching of soil/sediment constituents to groundwater were not included in this data evaluation because groundwater was excluded as a medium of concern for the Kalamazoo River, as noted in the Area 1 SRI Report (ARCADIS 2012).

The purpose of this evaluation is: 1) to identify non-PCB constituents that may be COIs for the Site and 2) to show that PCBs are the driver for risk management and remedial decisions at the Site. Ultimately, the goal for this screening evaluation is to verify that potential impacts from non-PCB COIs will be addressed adequately through remediation protective of human health and the environment identified for PCBs.

For purposes of this evaluation, COIs are non-PCB constituents detected in soil and/or sediment that were identified for further consideration based on a tiered screening process. COIs are not constituents of concern that potentially pose an unacceptable risk to human health or the environment, but are constituents that may be recommended for further consideration.

Multiple sources, both naturally occurring and/or anthropogenic, likely contribute to the presence of non-PCB constituents in floodplain soil and sediment.

## 1.1 APPROACH

The focus of this evaluation is the potential release of non-PCB constituents to the Kalamazoo River. Figure 1-3 summarizes the tiered step-wise process for evaluating COIs. The approach for each step is summarized below.

The data used in the soil and sediment evaluations are discussed in Sections 2 and 3, respectively, and the data are presented in Appendix A. Available analytical data were reviewed for quality, and sample locations were mapped to confirm that data were physically collected in Areas 1 through 3. Detected and non-detected constituents in soil and sediment were identified. Summary tables were prepared for detected constituents that present the minimum and maximum detections, the frequency of detection (FOD), and the mean concentration for each constituent in soil and sediment. Detected constituents were carried forward to the Tier 1 evaluation. For non-detected constituents, detection limits were compared to Tier 1 screening human health and ecological levels for the uncertainty analysis, which is discussed in Sections 2.4 and 3.3, to confirm that sample detection limits were generally adequate to perform the screening process.

### Tier 1 Evaluation of Soil and Sediment

In Step 1, potential field sampling or laboratory artifacts were identified within the detected soil and sediment constituents. Detections of potential field or laboratory artifacts that were reported at estimated concentrations ("J" flagged) because the detection was less than the detection limit or were associated with field or equipment blanks ("B" flags for organic constituents) were treated as non-detections (USEPA 1989). Constituents evaluated as potentially associated with field sampling or laboratory contamination included 2-butanone, acetone, carbon disulfide, methylene chloride, toluene, bis(2-ethylhexyl phthalate (BEHP), butyl benzyl phthalate, di-n-butyl phthalate (DNBP), di-n-octyl phthalate, chloroform, diethyl phthalate, and 4-methyl-2-pentanone (USEPA 1992). These constituents were eliminated from further evaluation if greater than 90 percent of the detected concentrations were "J" and "B" flagged data. The high rate of estimated and/or biased data for these field sampling and laboratory artifacts are an indication of sample bias.

Step 2 consisted of FOD evaluation for detected constituents not eliminated in Step 1. Soil and sediment constituents detected at a low FOD (i.e.,  $\leq 10$  percent of the analyzed samples) were not retained for further evaluation because infrequently detected constituents are unlikely to be associated with potential population-scale risks to Site receptors, being spatially limited in distribution. For constituents eliminated due to a low FOD, detected concentrations were compared to the Tier 1 human health and ecological screening levels for the uncertainty analysis, which is discussed in Sections 2.4 and 3.3.

Step 3 was a comparison of the maximum detected concentrations of the retained constituents to screening levels designed to be protective of human health and the environment. Maximum concentrations of the retained constituents were compared to the most stringent screening levels as a Tier 1 screen to conservatively identify possible constituents that need further evaluation. For human health, maximum soil concentrations were compared to screening levels developed by MDEQ for response activities (Part 299.46) applicable to residential direct contact and particulate/vapor inhalation exposures to soil. Neither MDEQ nor USEPA has published human health values for direct contact exposures with sediments at this time. Sediment concentrations were therefore compared to applicable soil human health risk-based screening levels (MDEQ 2013), where available. USEPA Region 5 Resource Conservation and Recovery Act (RCRA) ecological soil screening levels (USEPA 2003a) were used for screening potential impacts for terrestrial ecological receptors. Sediment concentrations were also compared to USEPA Region 5 RCRA ecological sediment screening levels (USEPA 2003a) protective of benthic organisms and other published sediment screening levels when USEPA Region 5 RCRA screening levels were unavailable. Constituents with maximum concentrations below the Tier 1 screening levels were eliminated from further evaluation.

In Step 4, retained soil and sediment constituent concentrations were compared to background (soil) or upstream/reference (sediment) concentrations. Michigan statewide default background levels from R 299.46: MDEQ Generic Soil Cleanup Criteria for Residential Category, Table 2 (MDEQ 2013) were used for soil. Sediment data collected upstream of Ceresco Reservoir and in Morrow Lake (Line 6B, 2013; 2014) were used as upstream/reference sources for comparison to the Area 1 through 3 sediment data with one exception (Figure 1-2). Morrow Lake sediment reference concentrations for potentially petroleum-related compounds, such as polycyclic aromatic hydrocarbons (PAHs), were not used for screening purposes. The upstream/reference sediment data are presented in Appendix B. If the mean Site concentration for a constituent fell within the range reported for either background (soil) or upstream/reference (sediment) concentrations, the constituent was eliminated from further evaluation. Constituents with mean concentrations above those reported for background (soil) or upstream/reference areas (sediment) were retained for Tier 2 screening.

#### Tier 2 Evaluation of Soil and Sediment

In Step 5, constituents that were not eliminated during the Tier 1 evaluation were further assessed in the Tier 2 evaluation. In the Tier 2 evaluation, hazard quotients (HQs) were calculated by a simple ratio approach comparing the area-wide exposure point concentrations (EPCs) for each constituent (i.e., upper confidence limit [UCL] and mean concentration) to Tier 2 screening levels. The UCLs were calculated using USEPA's ProUCL Version 5.0 (USEPA 2013a) when sufficient data (eight or more data points) were available. The ProUCL output reports are provided in Appendix C. In some cases, the maximum was used instead of a UCL, depending on the number of data points available for statistical analysis and the distribution of the data. For human health, the Tier 2 screening levels were the most conservative MDEQ human health screening levels for ingestion and inhalation pathways, which were also used as the Tier 1 screening levels. Tier 2 ecological screening values (ESVs) for soil were obtained

from USEPA Ecological Soil Screening Level (Eco-SSL) documents, Oak Ridge National Laboratory (ORNL) documents, and the Los Alamos National Laboratory (LANL) database (LANL 2012), when available. For ecological soil screening, the lowest Tier 2 ESVs for invertebrates, plants, mammals and birds were used, which resulted in the most sensitive receptor for each constituent as the target receptor in the screening process. Tier 2 ESVs for sediment are consensus-based values from MacDonald et al. (2000) and USEPA Region 3 Biological Technical Assistance Group (BTAG) Freshwater Sediment Screening Benchmarks (USEPA 2006b) that are protective of benthic organisms.

In this preliminary screening evaluation, an HQ of 1 or less was assumed to indicate that exposure to the constituent is not anticipated to pose adverse health effects to potential receptors, and therefore, such constituents were not carried forward to the Tier 2 evaluation. Constituents with HQs greater than 10 in the Tier 2 evaluation were identified as COIs (i.e., primary COIs). Constituents with HQs between 1 and 10 in the Tier 2 evaluation were identified as “secondary” COIs. Samples were collected along riverbanks, with fine-grained sediments targeted. For example, approximately 20 percent of the sediments in Area 1 are fine-grained; however, the biased sampling conducted in 2000 resulted in nearly 60 percent of core locations being sampled in fine-grained sediment locations (ARCADIS 2012). Also, samples were primarily collected in former impoundments in impacted areas and were not randomly selected. As a result, data are likely biased high and overestimate the actual EPCs. HQs greater than 1 do not necessarily indicate that adverse impacts will occur due to the conservative screening criteria applied and potential high bias in the dataset toward contaminated areas. Given the uncertainty in the applicability of the screening values and the high-biased nature of the dataset, an HQ of 10 was considered an appropriate target threshold value. An HQ of 10 provides for reasonable certainty that a constituent should be retained for further evaluation. HQs between 1 and 10 were selected as secondary COIs for further evaluation. Identification as a secondary COI does not eliminate the constituent from further evaluation but serves as a qualifier of uncertainty.

Step 6 of the Tier 2 screening consists of comparisons only; no constituents were eliminated from further evaluation in this step. The soil and sediment COIs were compared to concentrations detected in the paper residuals samples collected from the 12th Street Landfill OU, Allied Paper, Inc. Landfill OU, King Highway OU, and the Willow Boulevard/A-Site Landfill OU (Figure 1-4). The analytical data for the paper residual samples are provided in Appendix A. Table 1-1 summarizes the detected constituents from paper residuals samples collected in 1993 at these OUs. Appendix A, Table A-7 lists the non-detected constituents in the paper residuals samples. Two-sample hypothesis testing was performed to determine whether there is a statistically significant difference between the concentrations reported in Site soils, sediment, and paper residuals (Appendix D). The hypothesis testing was performed using USEPA’s ProUCL Version 5.0 (USEPA 2013a). The statistical comparison of Site concentrations to paper residuals concentrations was not used to eliminate COIs.

Step 7 is also a comparison and is weighted heavily in qualifying the importance of carrying a specific COI forward for further evaluation. Step 7 identifies non-PCB constituents which

indicate the potential for less risk than that associated with total PCBs. Therefore, COIs showing a lower potential risk relative to total PCBs (lower HQs) will not be evaluated further. COIs that indicate a potential for risk greater than total PCBs are further evaluated for sensitivity to the Tier 2 screening values and collocation mapping with total PCBs.

In Step 7, soil and sediment samples analyzed for total PCBs were matched to soil and sediment samples analyzed for non-PCB constituents. If sample locations were not collocated, samples for total PCBs were located within a radius of 50 feet of the non-PCB samples. A distance of 50 feet was established as the maximum acceptable distance between total PCBs and non-PCB constituent samples to best represent collocated data with a reasonable sample size. Appendix A includes the total PCBs dataset used for soil and sediment in this comparison. Concentrations of total PCBs samples were weighted by the contribution of each sample to each of the three intervals (i.e., 0 to 6 inches, 6 to 12 inches, and 12 to 24 inches) it participated in, in agreement with the Interval Participation Weighted Concentration (IPWC). Total PCBs IPWCs were used to calculate Total PCBs HQs for human health and ecological receptors exposed to soil and sediment using the sources noted for Tier 2 screening. Total PCBs HQs were then compared to non-PCB COIs HQs to evaluate the relative risk of the non-PCB COIs to Total PCBs. Background (soil) and upstream/reference (sediment) HQs were also calculated for comparison of Site HQs to background and upstream/reference HQs.

## **1.2 REPORT ORGANIZATION**

Section 2 and Section 3 discuss the soil and sediment data evaluations, respectively, for Areas 1 through 3. Section 4 presents the conclusions for the non-PCB data evaluation.



## **2.0 EVALUATION OF NON-PCB CONSTITUENT DATA IN SOIL**

Data used in the soil screening evaluation were collected from Areas 1 through 3 of OU-5 (Site) along the riverbank and in the floodplain (Figure 1-1) between 1993 and 2013. A review of the sample distribution and sampling strategy for most of the soils comprising the non-PCB dataset indicated a bias toward the collection of samples in contaminated areas, which would tend to overestimate the EPCs for non-PCB constituents. Samples were collected primarily along the bank and from locations that were formerly impounded. These areas are anticipated to have elevated concentrations due to their location and history. Fine-grained samples in depositional areas were also preferentially sampled, which would tend to increase the detected concentrations in the overall soil matrix. Visual observation of gray-colored material resulted in preferential sampling of this observed layer rather than sampling from a standard exposure interval. The data set is considered biased and may overestimate exposure concentrations, as a result.

At the request of USEPA, soil constituent data were combined into one dataset and includes soil collected up to approximately 7 feet below ground surface (bgs). The top 0.5 foot of soil is typically considered the most biologically active exposure zone for ecological receptors and most likely horizon of contact for recreational and residential receptors. With moderately intrusive activities such as gardening and landscaping, the 0.5- to 1-foot interval bgs may be brought to the surface. Burrowing ecological receptors may also contact soils deeper than 0.5 foot bgs. Human and ecological receptors are less likely to have direct contact with soils deeper than 1 foot bgs unless erosion or intrusive activities such as construction and re-grading bring soil from this interval to the ground surface. However, for the soil screening evaluation, the soil data were combined into one dataset without identification of the depth interval sampled to increase sample size and statistical power. Samples evaluated for this assessment were analyzed for the following non-PCB constituents:

- VOCs
- SVOCs
- PAHs
- Pesticides
- Total metals/inorganic compounds
- Dioxins/furans

### **2.1 DATA EVALUATION**

The soil sampling locations are shown on Figure 2-1. The Site soil dataset is summarized in the sections below and included in Appendix A.

The soil dataset included constituents detected in at least one sample following the data selection rules listed below. The data selection rules are as follows:

- J Flagged Data – Data retained; indicates that result is an estimated concentration that was reported as positively detected at a concentration greater than the instrument detection limit, but less than the method detection limit.
- U Flagged Data – Data retained; indicates that parameter was not positively detected at a concentration greater than the instrument detection limit.
- R Flagged Data – Data rejected; quality control indicates the data are unreliable.
- N Flagged Data – Data retained; presumptive evidence of material (tentative identification).
- B Flagged Data (inorganic compounds) – Data retained; result treated as an estimated detected value less than the contract-required detection limit, but greater than the instrument detection limit.
- B Flagged Data (organic constituents) – Data retained; indicates analyte found in associated sample blank; organic sample results validated with “B” flags are estimated and may be a false positive or biased high based on blank data. These values were considered non-detect for screening purposes.
- D Flagged Data – Data retained; compound identified in an analysis at a secondary dilution factor.
- X Flagged Data – Data retained; indicates signal interference from polychlorinated diphenyl compounds (dioxins/furans only).
- Y Flagged Data – Data retained; constituent treated as a detection for screening purposes.

Duplicate samples were considered quality control samples and, therefore, were not included in the soil dataset. Data not excluded by one or more selection rules represent the soil dataset.

Dioxins and furans exist in the environment as complex mixtures rather than as a single compound, and the toxic potency of individual dioxin-like congeners in such mixtures may differ considerably. The TCDD TEQs used in this data evaluation were developed in accordance with USEPA’s *Framework for Application of the Toxicity Equivalence Methodology for Polychlorinated Dioxins, Furans, and Biphenyls in Ecological Risk Assessment* (USEPA 2008) and USEPA’s *Recommended Toxicity Equivalence Factors (TEFs) for Human Health Risk Assessments of 2,3,7,8-Tetrachlorodibenzo-p-dioxin and Dioxin-Like Compounds* (USEPA 2010). To avoid overestimating congener contributions to the TCDD TEQ concentration, individual congeners detected below method detection limits were assigned concentrations of zero when calculating the TEQs in the datasets.

## **2.2 TIERED APPROACH FOR SCREENING OF CONSTITUENTS IN SOIL**

The detected constituents were evaluated using a step-wise, tiered approach as shown on Figure 1-3. The step-wise approach used in the data screening evaluation for soil included the following steps:

### Tier 1 Screening

Step 1. Identify field sampling and laboratory artifacts

Step 2. Evaluate FOD for each constituent

Step 3. Compare maximum soil constituent concentration to Tier 1 human health and ecological soil screening levels (i.e., MDEQ soil screening levels for human health [MDEQ 2013] and USEPA Region 5 RCRA ecological soil screening levels [USEPA 2003a])

Step 4. Compare mean soil constituent concentration to MDEQ statewide default background levels for soil (MDEQ 2013)

Constituents that were not eliminated during the Tier 1 screening steps were carried forward to the Tier 2 evaluation.

### Tier 2 Screening

Step 5: Calculate an HQ for remaining constituents by dividing the exposure point concentration by the Tier 2 human health and ecological screening values to identify soil primary COIs and secondary COIs for human and ecological receptors

Step 6: Compare soil primary COI and secondary COI mean concentrations to paper residuals mean concentrations and test whether the concentrations in these media are statistically similar

Step 7: Compare soil HQs of COI to HQs for total PCBs and to HQs based on background concentrations for inorganic constituents

Step 6 of the Tier 2 screening consists of comparison only; there is no elimination of constituents from further evaluation in this step. Step 7 is also a comparison, and is weighted heavily in qualifying the importance of carrying a specific COI forward in this evaluation. Step 7 identifies non-PCB constituents which indicate the potential for less risk than that associated with total PCBs. Therefore, COIs showing a lower potential risk relative to total PCBs (lower HQs) are not evaluated further. If identified, COIs that indicate a potential for risk greater than total PCBs are further evaluated for sensitivity to the Tier 2 screening values and collocation mapping with total PCBs.

## **2.2.1 Constituents Detected in Soil**

The list of constituents detected in Site soil is presented in Table 2-1. Constituents detected in Site soil included the following:

- 24 metals/inorganic constituents
- 9 VOCs
- 9 SVOCs
- 16 PAHs
- 23 pesticides
- TCDD TEQ

Non-detected constituents were further evaluated in the uncertainty analysis presented in Section 2.4, which includes comparison of detection limits to Tier 1 screening human health and ecological levels to show that sample detection limits were adequate to perform the screening process.

## **2.2.2 Tier 1 Screening**

### **2.2.2.1 Step 1: Potential Field Sampling and Laboratory Artifacts**

Potential field sampling and laboratory artifacts were identified within the detected soil constituents (Table 2-2). Detections of potential field sampling and laboratory artifacts that were reported at estimated concentrations ("J" flagged) because the detection was less than the reporting limit or were associated with field or equipment blanks ("B" flags for organic constituents) were treated as non-detections (USEPA 1989). Soil constituents evaluated as potentially associated with field sampling or laboratory contamination included 2-butanone, acetone, carbon disulfide, methylene chloride, toluene, BEHP, butyl benzyl phthalate, DNBP, and diethyl phthalate. The following constituents were eliminated from further evaluation because greater than 90 percent of the detected concentrations for these two constituents were J or B flagged:

- Methylene chloride
- Toluene

The high rate of estimated and/or biased data for these field sampling and laboratory artifacts are an indication of sample bias.

### **2.2.2.2 Step 2: Frequency of Detection**

Infrequently detected constituents (i.e., constituents detected in  $\leq 10$  percent of the samples) are unlikely to pose a chronic health threat to receptors because of their limited spatial distribution. Constituents that were infrequently detected in soil were eliminated from further consideration in the screening evaluation (Table 2-3). The following constituents were eliminated from further evaluation due to a low FOD (i.e., FOD of  $\leq 10$  percent of the analyzed samples):

- 2 metals (antimony, thallium)
- 3 VOCs (carbon disulfide, isophorone, xylenes)
- 7 SVOCs (butyl benzyl phthalate, dibenzo(a,h)anthracene, diethyl phthalate, caprolactam, carbazole, dibenzofuran, phenol)
- 6 pesticides (chlordane (technical), endosulfan II, endosulfan sulfate, endrin, endrin ketone, toxaphene)

For constituents eliminated due to a low FOD, detected concentrations were compared to the Tier 1 human health and ecological screening levels for the uncertainty analysis, which is discussed in Section 2.4, to show that constituents eliminated due to low FOD are not considered to warrant further evaluation.

### **2.2.2.3 Step 3A: Tier 1 Human Health Screen**

Maximum detected soil concentrations were compared to the most stringent human health screening values. Michigan residential soil screening levels (MDEQ 2013) were used to identify constituents that may potentially pose human health hazards. Multiple soil screening levels were considered, including the Michigan Volatile Soil Inhalation Screening Level, Michigan Particulate Soil Inhalation Screening Level, and the Michigan Direct Contact Screening Level (MDEQ 2013). Total chromium results were assumed to be the more conservative hexavalent chromium for screening purposes; however, no industrial processes are known to have generated hexavalent chromium. Constituents exceeding the most conservative soil screening level were retained for further evaluation. Table 2-4 presents the results of the Tier 1 human health screening.

Constituents eliminated because maximum detected concentrations were below the lowest Tier 1 human health screening level included the following:

- 17 metals
- 3 VOCs
- 2 SVOCs
- 16 PAHs (all PAHs)
- 17 pesticides

Constituents eliminated because the constituent is considered a non-toxic essential nutrient included the following:

- 2 metals (calcium, potassium)

Constituents eliminated because a human health screening level was not available included the following:

- 1 VOC (benzaldehyde)



#### **2.2.2.4 Step 3B: Tier 1 Ecological Screen**

Maximum detected soil concentrations were compared to USEPA Region 5 RCRA ecological soil screening levels (USEPA 2003a) to identify constituents that may potentially pose health hazards for ecological receptors exposed to Site soil. For constituents with no USEPA Region 5 ecological soil screening levels available, ecological soil screening levels were obtained from ORNL and Eco-SSL documents. A USEPA Region 5 RCRA ecological soil screening level was not available for aluminum. However, according to the Eco-SSL document for aluminum (USEPA 2003b), aluminum does not generally need to be considered at sites where the soil pH is greater than 5.5. The pH of soils in OU-5 is higher than 5.5 based on available Site data. Constituents exceeding the ecological soil screening level were retained for further evaluation. Table 2-5 presents the results of the Tier 1 ecological screening.

Constituents eliminated because the maximum detected concentration was below the Tier 1 ecological screening level included the following:

- 3 SVOCs
- 16 PAHs (all PAHs)
- 8 pesticides

Constituents eliminated because the constituent was considered a non-toxic essential nutrient included the following:

- 5 metals (calcium, iron, magnesium, potassium, sodium)

Constituents eliminated because a screening level was not available included the following:

- 1 VOC (benzaldehyde)

#### **2.2.2.5 Step 4: Background Screen**

Soil constituent concentrations for metals/inorganic constituents were compared to the MDEQ state-wide default background levels for soil (MDEQ 2013). The mean concentration of the soil constituent was compared to the State background soil level. For this comparison, the arithmetic mean was used when the constituent was detected in 100 percent of the samples. As recommended by the ProUCL User's Guide, the Kaplan Meier (KM) mean concentration was used for constituents having a mixture of detections and non-detections. The comparisons of Site mean soil concentrations to background soil levels are provided in Table 2-6. Constituents with a mean concentration below the State background levels were eliminated from further evaluation.

Constituents eliminated because mean Site soil concentrations were below State background levels included the following:

- 2 metals/inorganics (cobalt, cyanide)

#### 2.2.2.6 Tier 1 Screening Summary

Tables 2-7 and 2-8 present the results of each Tier 1 screening step for human health and ecological receptors, respectively. The following constituents were retained for Tier 2 screening:

Human Health	Ecological
Arsenic	Aluminum
Chromium	Arsenic
Lead	Barium
TCDD TEQ	Beryllium
	Cadmium
	Chromium
	Copper
	Lead
	Manganese
	Mercury
	Nickel
	Selenium
	Silver
	Vanadium
	Zinc
	bis(2-Ethylhexyl)phthalate
	Di-n-butyl phthalate
	Aldrin
	beta-BHC
	gamma-BHC (Lindane)
	4,4'-DDT
	Dieldrin
	Endrin aldehyde
	Heptachlor
	Heptachlor Epoxide
	Methoxychlor
	TCDD TEQ

#### 2.2.3 Step 5: Tier 2 Screening

The constituents retained from the Tier 1 screening were further evaluated for the potential for health effects to Site receptors using the HQ method. In the Tier 2 screening, the UCL and mean concentrations for each constituent were divided by a Tier 2 human health and ecological screening value to generate HQs for each constituent. A HQ of 1 or less generally indicates that exposure to the constituent is not anticipated to pose adverse health effects to potential receptors. Constituents with HQs greater than 10 in the Tier 2 evaluation were identified as primary COIs. Constituents with HQs between 1 and 10 in the Tier 2 evaluation were identified

as secondary COIs. Secondary COIs were not screened out or eliminated from the evaluation, but were qualified as secondary because the UCL and mean used to calculate the HQs have a higher degree of uncertainty, given the biased sampling design and the conservative Tier 2 screening criteria used.

The UCL (i.e., generally the 95 percent UCL on the arithmetic mean) and the mean concentrations were used as the area-wide constituent concentrations for soil constituents in the HQ analysis. The UCLs were calculated using USEPA's ProUCL Version 5.0 (USEPA 2013a) when sufficient data (eight or more data points) were available. The ProUCL output reports are provided in Appendix C. Except for lead in the human health HQ evaluation, the recommendations of the ProUCL software were followed regarding selection of constituent concentrations. In accordance with USEPA guidelines for lead in human health risk assessment, the mean concentration in soil was used as the constituent concentration for lead (USEPA 2007; 2013c). The maximum detected concentration was used as the constituent concentration if the recommended UCL was greater than the maximum detected concentration or insufficient data were available for calculation of an UCL.

For the human health HQ analysis, the most conservative Michigan residential soil screening levels (MDEQ 2013) previously used in the Tier 1 soil screening (Section 2.2.2.3) were selected as the toxicological benchmarks for HQ analysis. For the ecological HQ analysis, constituents were evaluated with more refined probable effects levels. Tier 2 ESVs for soil were obtained from USEPA Eco-SSL documents, ORNL documents, and the LANL database (LANL 2012), when available. USEPA Region 5 RCRA ESVs for Soil (USEPA 2003a) were used in the absence of refined ESVs from the previously listed sources. Ecological HQs were calculated for terrestrial plants, terrestrial invertebrates, mammals, and birds to provide a range of ecological receptors in the evaluation.

### **2.2.3.1 Step 5A: Human Health Hazard Quotients**

Table 2-9 presents the results of the Tier 2 human health screening for soil, which are summarized below:

- Two constituents were eliminated as human health COIs (i.e., mean HQs  $\leq 1$ ) – chromium and lead.
- No constituents were selected as human health primary COIs (i.e., no mean HQs were greater than 10).
- Constituents selected as human health secondary COIs (i.e., mean HQs were greater than 1 but less than or equal to 10):
  - Arsenic
  - TCDD TEQ

### 2.2.3.2 Step 5B: Ecological Hazard Quotients

Table 2-10 presents the Tier 2 ESVs for the range of ecological receptors evaluated (i.e., terrestrial plants, terrestrial invertebrates, mammals, and birds). For the ecological soil screening, the lowest Tier 2 ESVs for invertebrates, plants, mammals and birds were used, which resulted in the most sensitive receptor for each constituent as the target receptor in the screening process. Table 2-11 presents the results of the Tier 2 ecological screening for soil, which are summarized below:

- Six constituents were eliminated as ecological COIs (i.e., mean HQs  $\leq$  1):
  - 6 metals (aluminum, arsenic, barium, beryllium, nickel, silver)
  - 7 pesticides (aldrin, beta-hexachlorocyclohexane (BHC), gamma-BHC (lindane), endrin aldehyde, heptachlor, heptachlor epoxide, methoxychlor)
- Constituents selected as ecological primary COIs (i.e., mean HQs were greater than 10):
  - 2 metals (lead, mercury)
  - 2 SVOCs (BEHP, DNBP)
  - TCDD TEQ
- Constituents selected as ecological secondary COIs (i.e., mean HQs were greater than 1 but less than or equal to 10):
  - 7 metals (cadmium, chromium, copper, manganese, selenium, vanadium, zinc)
  - 2 pesticides (4,4'-dichlorodiphenyltrichloroethane [DDT], dieldrin)

### 2.2.3.3 Tier 2 Screening Summary

Tables 2-12 and 2-13 summarize the Tier 2 human health and ecological screenings, respectively. The following primary COIs and secondary COIs were identified for soil:

<u>Human Health</u>		<u>Ecological</u>	
Primary COI	Secondary COI	Primary COI	Secondary COI
None	Arsenic TCDD TEQ	Lead Mercury BEHP DNBP TCDD TEQ	Cadmium Copper Chromium Manganese Selenium Vanadium Zinc 4,4'-DDT Dieldrin

#### **2.2.3.4 Step 6: Comparison of COIs Concentrations to Paper Residuals Concentrations**

Paper residuals samples were collected in 1993 from the 12th Street Landfill OU, Allied Paper, Inc. Landfill OU, King Highway OU, and the Willow Boulevard/A-Site Landfill OU (Figure 1-4). The analytical data for the paper residual samples is provided in Appendix A, and Table 1-1 lists the detected constituents from paper residuals samples. COI concentrations in soil were compared to concentrations in paper residuals using two-sample hypothesis testing. Two-sample hypothesis testing compares the mean or median constituent concentrations of two populations to determine whether there is a statistically significant difference between the concentrations. The null hypothesis for each test assumed that the Site mean/median concentration of a COI was equal to the mean/median paper residual concentration ( $H_0$ : Site Mean/Median Concentration = Paper Residual Mean/Median Concentration). ProUCL Version 5.0.00 was used to complete the statistical testing (USEPA 2013a). ProUCL can calculate the following two-sample hypothesis tests:

- Student's t-test is a parametric test that assumes normality and equality of variance in the two tested groups. If tests of variance determine unequal variance in the two groups, a modified t-test (Welch-Satterthwaite) can be used instead. Normality is then the only assumption being made.
- Wilcoxon-Mann-Whitney test is a non-parametric test that handles data with non-detects with one detection limit and assumes that the two populations have comparable shapes and variability.
- Gehan test is a non-parametric test that addresses datasets with non-detects and multiple detection limits. This test assumes the data have comparable shapes and variability.
- Tarone-Ware test is a non-parametric test that addresses datasets with non-detects and multiple detection limits. This test assumes the data have comparable shapes and variability.

The intention of the two-sample hypothesis testing is to demonstrate whether the soil dataset is similar to the paper residuals dataset. If COI concentrations in soil are greater than or similar to that of the paper residuals, then background or other sources of the COIs likely contribute to soil concentrations. In general, if paper residuals were a primary source, it is expected that the concentrations of COIs in soil would be less than the source materials because of mixing and dilution through the transport processes of the river. For constituents not detected in paper residuals but detected in soil, other anthropogenic or background sources are likely.

A comparison of PCBs in Site soil to paper residuals is listed in Table 2-16. Total PCB concentrations in paper residuals were compiled for subsamples collected from 50 percent to 90 percent of the overall sampling depth (Appendix A, Table A-10). The focused interval of 50 to 90 percent was selected to verify that the constituents potentially associated with paper residuals were accurately identified. Subsamples collected at shallower depths could potentially be associated with non-paper residuals waste used as fill material during grading activities in the landfill, and samples collected at greater depths could be associated with native soil

underlying the landfill. Elimination of samples that could contain fill or native soil material reduces the likelihood that analytical concentrations are underestimated. PCB concentrations are elevated and consistent (relative to fill at shallow depths and native soil at depth) in samples collected from the middle to lower intervals of the paper residual waste material, providing evidence that non-PCB samples were taken from paper residuals waste and not mixed with either native, base, or cover soil. Total PCB concentrations in soil were substantially lower than total PCB concentrations in paper residuals. This indicates that notable dilution is likely to have occurred between the source material and the accepting medium (soil).

Methods and results of the two-sample hypothesis testing and the comparison of Site soil to paper residuals are provided below. Table 2-14 summarizes paper residuals concentrations to Site soil concentrations for the COIs. Table 2-15 presents the results of the two-sample hypothesis testing for paper residuals concentrations to Site soil concentrations for the COIs. The hypothesis testing inputs and output are included in Appendix D.

### **Results of Two-Sample Hypothesis Testing**

Five soil constituents (lead, mercury, BEHP, DNBP, and TCDD TEQ) were selected as primary COIs and ten soil constituents (arsenic, cadmium, chromium, copper, manganese, selenium, vanadium, zinc, 4,4'-DDT, and dieldrin) were selected as secondary COIs. The Wilcoxon-Mann-Whitney test was used with datasets that did not include non-detections with more than one detection limit. In accordance with recommendations from the ProUCL software (USEPA 2013a), the Gehan test was used when datasets included non-detections and variable detection limits (i.e., BEHP, DNBP, 4,4'-DDT, arsenic, cadmium, and selenium). In ProUCL, p-values are calculated for each test approach. A p-value is the probability value assessing whether the null hypothesis ( $H_0$ ) should be rejected. If the p-value is smaller than the pre-set alpha value (typically  $\alpha = 0.05$ ), the  $H_0$  is rejected and the alternative hypothesis should be accepted. Constituents that were COIs in soil and sediment were also statistically compared, as discussed in Section 3.2.3.4 and presented in Appendix D. A Bonferroni adjustment of the p-value (adjusted  $\alpha = 0.017$ ) was calculated and used to evaluate the results of the multiple comparisons (i.e., three tests; see Section 3.2.3.4) because multiple comparisons cause an increase in the experiment-wise error rate (see Appendix D text for details). For these comparisons,  $H_0$  assumes that the soil data median is equal to the paper residuals data median. The  $H_0$  was not rejected if the p-value was equal to or greater than the alpha.

Both datasets for chromium, copper, lead, manganese, vanadium, zinc, and TCDD TEQ included only sample concentrations detected above the sample reporting limit; therefore, hypothesis testing was performed using the Wilcoxon-Mann-Whitney test. Arsenic, cadmium, mercury, selenium, BEHP, DNBP, 4,4'-DDT, and dieldrin included a mixed dataset of samples (i.e., detects and non-detects). Thus, hypothesis testing was performed using the Gehan tests. Site soil concentrations of chromium, lead, mercury, copper, zinc, 4,4'-DDT, DNBP, and TCDD TEQ were not significantly different from those in the paper residuals. The null hypothesis was rejected for arsenic, cadmium, manganese, selenium, vanadium, and BEHP, indicating that Site median concentrations of these COIs were significantly different from those in the paper

residuals. With the exception of BEHP, the Site median concentrations of these COIs were greater than the paper residuals median concentrations.

### **Soil and Paper Residuals Comparison**

#### ***Soil Primary COIs***

Lead – The range of Site soil concentrations (2.9 milligrams per kilogram [mg/kg] to 1,200 mg/kg) is within the range of paper residuals concentrations (7.8 mg/kg to 1,440 mg/kg; Table 2-14). Median concentrations in Site soil and paper residuals samples were not significantly different (using the Wilcoxon-Mann-Whitney test; Table 2-15).

Mercury – The range of Site soil concentrations (0.0090 mg/kg to 16.3 mg/kg) overlaps the range of paper residuals concentrations (0.06 mg/kg to 5.2 mg/kg; Table 2-14). Median concentrations in Site soil and paper residuals samples were not significantly different (using the Gehan test; Table 2-15).

BEHP – The range of Site soil concentrations (24 micrograms per kilogram [µg/kg] to 2,300 µg/kg) is below the range of paper residuals concentrations (95 µg/kg to 15,000 µg/kg; Table 2-14). Median concentrations in Site soil and paper residuals samples were significantly different (using the Gehan test; Table 2-15). Median concentrations in Site soils were lower than in paper residuals.

DNBP – The range of Site soil concentrations (30 µg/kg to 2,900 µg/kg) overlaps the range of paper residuals concentrations (54 µg/kg to 1,600 µg/kg; Table 2-14). Median concentrations in Site soil and paper residuals samples were not significantly different (using the Gehan test; Table 2-15).

TCDD TEQ – The range of Site soil concentrations (0.042 ng/kg to 1,071 ng/kg) is below the range of paper residuals concentrations (0.989 ng/kg to 2,023 ng/kg; Table 2-14). Median concentrations in Site soil and paper residuals samples were not significantly different (using the Wilcoxon-Mann-Whitney test; Table 2-15).

#### ***Soil Secondary COIs***

Arsenic – The range of Site soil concentrations (2.2 mg/kg to 57.4 mg/kg) is greater than the range of paper residuals concentrations (0.57 mg/kg to 23.7 mg/kg; Table 2-14). Median concentrations in Site soil and paper residuals samples were significantly different (using the Gehan test; Table 2-15). Median concentrations in Site soil were greater than in paper residuals.

Cadmium – The range of Site soil concentrations (0.13 mg/kg to 13.5 mg/kg) is greater than the range of paper residuals concentrations (0.77 mg/kg to 3.7 mg/kg; Table 2-14). Median concentrations in Site soil and paper residuals samples were significantly different (using the

Gehan test; Table 2-15). Median concentrations in Site soil were greater than in paper residuals.

Chromium – The range of Site soil concentrations (4.0 mg/kg to 449 mg/kg) overlaps the range of paper residuals concentrations (7.4 mg/kg to 212 mg/kg; Table 2-14). Median concentrations in Site soil and paper residuals samples were not significantly different (using the Wilcoxon-Mann-Whitney test; Table 2-15).

Copper – The range of Site soil concentrations (1.5 mg/kg to 390 mg/kg) overlaps the range of paper residuals concentrations (9.1 mg/kg to 279 mg/kg; Table 2-14). Median concentrations in Site soil and paper residuals samples were not significantly different (using the Wilcoxon-Mann-Whitney test; Table 2-15).

Manganese – The range of Site soil concentrations (70.6 mg/kg to 2,760 mg/kg) is greater than the range of paper residuals concentrations (6.3 mg/kg to 615 mg/kg; Table 2-14). Median concentrations in Site soil and paper residuals samples were significantly different (using the Wilcoxon-Mann-Whitney test; Table 2-15). Median concentrations in Site soils were greater than in paper residuals.

Selenium – The range of Site soil concentrations (0.39 mg/kg to 5.3 mg/kg) is greater than the range of paper residuals concentrations (0.35 mg/kg to 3.1 mg/kg; Table 2-14). Median concentrations in Site soil and paper residuals samples were significantly different (using the Gehan test; Table 2-15). Median concentrations in Site soils were greater than in paper residuals.

Vanadium – The range of Site soil concentrations (4.0 mg/kg to 32.4 mg/kg) is greater than the range of paper residuals concentrations (4.9 mg/kg to 24.9 mg/kg; Table 2-14). Median concentrations in Site soil and paper residuals samples were significantly different (using the Wilcoxon-Mann-Whitney test; Table 2-15). Median concentrations in Site soils were greater than in paper residuals.

Zinc – The range of Site soil concentrations (9.8 mg/kg to 1,010 mg/kg) is within the range of paper residuals concentrations (20.9 mg/kg to 1,140 mg/kg; Table 2-14). Median concentrations in Site soil and paper residuals samples were not significantly different (using the Wilcoxon-Mann-Whitney test; Table 2-15).

4,4'-DDT – The range of Site soil concentrations (3.4 µg/kg to 340 µg/kg) is below the range of paper residual concentrations (4.7 µg/kg to 600 µg/kg; Table 2-14). Median concentrations in Site soil and paper residuals samples were not significantly different (using the Gehan test; Table 2-15).

Dieldrin – The range of Site soil concentrations is 2.1 µg/kg to 130 µg/kg; dieldrin was not detected in paper residuals (Table 2-14). A statistical comparison was not conducted.



Constituents that have concentrations in soil equal to or greater than paper residuals do not show dilution and likely have contributions from other natural and/or anthropogenic sources. Metals are both naturally occurring and may have multiple sources. The presence of 4,4'-DDT may also have multiple anthropogenic sources due to its historically wide application. BEHP and DNBP are ubiquitous in the environment and the resulting detections may be the result of multiple anthropogenic sources.

Multiple anthropogenic sources of TCDD TEQ likely also contribute to concentrations detected in soil. Dioxins are formed as the result of combustion processes such as the burning of wood, coal, and oil (FDA 2008). Additional sources include air emissions from commercial and municipal waste combustion, hazardous waste incineration, chemical production, and cement kilns and also include wastewater releases from chlorine-bleached pulp and paper mills (Hutzinger et al. 1985, Ballschmiter et al. 1986, USEPA 2006a). Paper recycling and secondary fiber mills are also reportedly sources of dioxins and furans (Rappe et al. 1990). However, several studies indicate that dioxins/furans concentrations in effluent from the paper recycling industry and secondary fiber mills (not using bleaching processes) contain lower concentrations of dioxins/furans than that found in paper mill wastes that use bleaching processes (Rappe et al. 1990, USEPA 1993, USEPA 2006a). This region includes industrial areas that contained several of the sources listed above.

Appendix F summarizes potential sources for the non-PCB constituents identified as soil primary COIs and/or secondary COIs. Source consideration is presented for informational purposes and is not an elimination step.

#### **2.2.3.5 Step 7: Comparison of Total PCB HQs to COIs HQs and Comparison of COIs HQs to Background Soil HQs**

Step 7 is weighted heavily in qualifying the importance of carrying a specific COI forward in this evaluation. Step 7 identifies non-PCB constituents which indicate the potential for less risk than that associated with total PCBs. Therefore, COIs showing a lower potential risk relative to total PCBs (lower HQs) are not evaluated further.

#### **Comparison of COIs HQs to Background Soil HQs**

Soil background HQs were also calculated for the metal/inorganic COIs for comparison of Site HQs to background HQs. Table 2-17 and Table 2-18 provide the comparison of the COIs HQs to the background HQs for metal/inorganic COIs. The background HQs were calculated using the default Michigan State background concentrations. The mean background HQ for the human health secondary COI arsenic (HQ = 0.8) is less than the mean HQ of 2 (Table 2-17). The mean background HQs for the ecological primary COIs/secondary COIs cadmium, lead, manganese, and mercury were greater than 1 (Table 2-18). The background HQ for mercury was one order of magnitude higher than 1 (HQ of 10). Background HQs for chromium, copper, selenium, and zinc were less than or equal to 1. In general, mean Site HQs for the metal/inorganic ecological COIs were equal to or greater than the background HQs. These

comparisons indicate that some contribution of inorganic compounds from background sources is likely.

### **Comparison of Total PCB HQs to COIs HQs**

Total PCBs HQs were compared to COIs HQs to evaluate the magnitude of the COIs HQs to Total PCBs HQs. The UCL and mean Site soil concentrations for total PCBs were calculated as discussed in Section 1.1. The UCL and mean concentrations for total PCBs were divided by Tier 2 human health and ecological screening values for total PCBs to generate HQs. The human health total PCB soil screening value of 1.0 mg/kg was obtained from USEPA (2005) and is the Toxic Substances Control Act cleanup standard in residual waste or porous surface without further conditions in a high-use occupancy area (Table 2-9). Tier 2 ESVs for total PCBs were obtained from ORNL documents and the LANL database (LANL 2012) (Table 2-10). Table 2-17 and Table 2-18 compare the COIs HQs to the total PCBs HQs for human and ecological receptors, respectively.

The mean HQs for the human health secondary COIs, arsenic (HQ = 2) and TCDD TEQ (HQ = 2), were half the magnitude of the total PCB mean HQ (HQ = 4) in soil (Table 2-17). These HQs indicate that total PCBs are the risk driver in soil for human health.

The mean HQ for total PCBs based on potential ecological risk is 108 (Table 2-18). The mean HQs for the ecological primary COIs/secondary COIs, except TCDD TEQ, are below the mean HQ for total PCBs (Table 2-18). Thus, ecological primary COIs/secondary COIs which include 9 metals (cadmium, chromium, copper, lead, manganese, mercury, selenium, vanadium, and zinc), 2 SVOCs (BEHP and DNBP), and 2 pesticides (4,4'-DDT and dieldrin) are not risk drivers compared to total PCBs for ecological soil exposures. The mean ecological HQ for TCDD TEQ is 558 (Table 2-18).

For TCDD TEQ, there is a wide range in the ecological screening values between the different ecological receptors. The lowest refined ecological screening value was selected as the Tier 2 ESV for soil. Because COIs were identified based on this lowest Tier 2 ESV, a constituent may be identified as a COI for one group of ecological receptors, but for another group the constituent in Site soil may not be a potential concern. Using the mean Site soil concentration of TCDD TEQ (162 ng/kg) and the refined ESVs presented in Table 2-10, TCDD TEQ does not present a potential concern for terrestrial invertebrates or birds. Use of the most conservative mammalian ESV for TCDD TEQ tends to overstates potential risk for terrestrial ecological receptors in general. Only one COI, TCDD TEQ, has a mean HQ greater than the total PCBs HQ. Further evaluation of TCDD TEQ is provided below based on an evaluation of the range of available ESVs and collocation mapping with total PCBs.

## **2.3 FURTHER EVALUATION OF CONSTITUENTS OF INTEREST – TCDD TEQ**

One primary COI, TCDD TEQ, has a mean HQ greater than the total PCBs HQ. However, this finding is due to the very conservative ecological ESV applied. TCDD TEQ was further

evaluated in regard to specific ecological receptors to produce a range of ESVs/HQs and collocation mapping with total PCBs in floodplain soils.

### 2.3.1 Ecological Screening Values

Refined ecological screening values were compiled for a range of ecological receptors, including plants, terrestrial invertebrates, mammals, and birds. For TCDD TEQ, there is a wide range in the Tier 2 ecological screening values between the different ecological receptors. The lowest refined ecological screening value was selected as the Tier 2 ESV for soil. Because COIs were identified based on this lowest Tier 2 ESV, a constituent may be identified as a COI for one group of ecological receptors, but for another group the constituent in Site soil may not be a potential concern. The table below lists the ecological receptor and the associated range of HQs based on the Tier 2 ESV for the various receptors.

	<u>Range of Ecological Receptor Mean HQs*</u>			
	Terrestrial		Mammal HQ	Bird HQ
	Plant HQ	Invertebrate HQ		
Soil COI TCDD TEQ	--	0.00003	<b>558</b>	0.2

\*Bolded HQ based on lowest Tier 2 ESV resulting in primary COI designation.

The potential ecological risk is likely overestimated for some ecological receptors because of the wide range in ecological screening values and the use of the lowest value in the Tier 2 evaluation.

The most conservative TCDD TEQ Tier 2 ESV for mammals (0.29 ng/kg) was used to estimate the soil HQ. Other Tier 2 ESVs are much greater (5,000,000 ng/kg for invertebrates and 840 ng/kg for birds). Use of the most conservative ESV for TCDD TEQ yields a mean HQ of 558 for mammals. Additional mammal ESVs for TCDD TEQ include 3.15 ng/kg for the short-tailed shrew, 22.3 ng/kg for the white-footed mouse, 30.6 ng/kg for the red fox, and 4,550 ng/kg for the white-tailed deer (Efroymson et al. 1997). These additional mammalian ESVs for soil presented in Efroymson et al. (1997) were derived by iteratively calculating exposure estimates using different soil concentrations and conservative soil-to-biota contaminant uptake models which account for the ingestion of soil as well as food. Using the additional mammalian ESVs, a range of alternative HQs could be derived: 51 for the short-tailed shrew, 7.2 for the white-footed mouse, 5.7 for the red fox, and 0.035 for the white-tailed deer. Therefore, except for the most conservative ESV of 0.29 ng/kg, the range of mammalian ESVs result in HQs less than the total PCBs HQ of 108. Mean HQs for invertebrates and birds are less than the threshold of 1; a plant ESV for TCDD TEQ is not available in scientific literature. Use of the most conservative mammalian ESV for TCDD TEQ overstates potential risk for terrestrial ecological receptors, in general.

### 2.3.2 Collocation Mapping with Total PCBs

Most samples with elevated TCDD TEQ concentrations fall within the remedial footprint designed for total PCBs and would be addressed by remedies designed for PCBs as shown on Figures 2-2 through 2-4. Figure 2-2 shows the location and concentration of TCDD TEQ in Area 1 where the TCRA for the Former Plainwell Impoundment was performed. This sample location was within the removal area for this TCRA and no longer represents current conditions. The Area 2 remedial footprint identified in Figure 2-3 is based on that submitted to USEPA and MDEQ with the Area 2 Alternative Screening Technical Memorandum (ASTM). The remedial footprint was based on areas showing elevated concentrations of total PCBs. Therefore, Figure 2-3 represents a collocation of the Area 2 remedial footprint (elevated total PCBs) and TCDD TEQ sample locations/concentrations. Figure 2-4 is a side-by-side comparison of Area 3 maps showing the total PCB sample locations and color-coded concentrations level and the TCDD TEQ sample locations and numeric concentrations. An area with elevated total PCB concentrations in soil appears downstream from the M-89 Bridge to the Otsego Township Dam and in a smaller area just upstream of the M-89 Bridge. Although an ASTM and remedial footprint have not yet been prepared for Area 3, the remedial footprint will include these areas of elevated total PCBs, which are collocated with elevated TCDD TEQs. The range of background concentrations for dioxins/furans provided in this document include the data from the University of Michigan study as well as others and appropriately distinguishes higher dioxins/furans concentrations that are located within the remedial footprints from those that are outside of that footprint. PCBs remain the COC for remedial decisions in floodplain soil.

An elevated TCDD TEQ concentration (252 ng/kg) was observed at one location in Area 2 (Figure 2-3) south of the main channel where near-by PCB concentrations were low. Near-by maximum concentrations of PCBs ranged from 2 to 5 mg/kg (Figure 4-1 from the April 28, 2014 Area 2 SRI report; AMEC 2014). This exceedance is limited in spatial extent and, therefore, does not pose an unacceptable risk to ecological populations. Sources of dioxins/furans in the environment are discussed in Appendix F.

## 2.4 UNCERTAINTIES

The uncertainties associated with the non-PCB soil data evaluation are provided below:

- Cumulative hazards and risks are not evaluated in this data evaluation. Synergistic or additive effects and potentially bioaccumulative compounds are not specifically addressed in the screening process. However, potentially bioaccumulative compounds, including mercury and dioxins/furans as TCDD TEQ, are COIs when these compounds were greater than the screening criteria.
- Exposure to the top 6 inches of soil is expected to be the primary focus for both ecological and human receptors. Exposure to deeper soils may not occur unless land is disturbed or burrowing ecological receptors are present. In general, COI concentrations were greater in depth at intervals below 6 inches. Inclusion of soils greater than 12 inches in depth may tend to overestimate potential exposures.

- For some non-PCB constituents, only a limited number of samples have been analyzed. Also, some data are more than 10 years old. This may either underestimate or overestimate the magnitude and distribution associated with a single COI.
- State default background levels were used as background values for soil because no Site-specific background samples could be identified. This may either underestimate or overestimate the number of constituents assumed to be within background levels in the screening evaluation.
- Soil sampling strategies have been intentionally biased. Many samples were taken in areas of former impoundments or along the bank, and samples were focused on areas where finer-grained particles were more prevalent than coarser-grained particles. Visual observation of gray material resulted in preferential sampling of this layer rather than sampling a standard exposure interval. This approach likely overestimates the magnitude of Site soil concentrations and influences the results of hypothesis testing.
- The use of the UCL and/or mean in the calculation of the HQ included data not eliminated by the data selection rules discussed in Section 2.1. This included data with elevated detection limits, and, in some instances, UCLs and/or means may have been influenced by a few samples. This may have overestimated some HQs.
- Conservative Tier 2 ESVs were used in the HQ calculations. These screening values are often lower than concentrations observed to cause adverse health effects in some wildlife populations. Use of the most conservative ESV overstates potential risk for some terrestrial ecological receptors, as discussed in Section 2.3.1.
- An HQ of 1 or less generally indicates that exposure to the constituent is not anticipated to pose adverse health effects to potential receptors, and therefore, such constituents were not carried forward to the Tier 2 evaluation. An HQ greater than 1 does not necessarily indicate that adverse impacts will occur, and, due to the conservative sampling bias in the dataset, the estimated HQs are likely higher than what would be observed using an unbiased dataset. Constituents with HQs greater than 10 in the Tier 2 evaluation were identified as primary COIs. A threshold of 10 was considered reasonable given that the data collected were biased (e.g., samples were collected along a riverbank, fine-grained sediments were targeted, and samples were primarily collected in former impoundments and not residential exposure units) and were not collected in a random, fully representative manner. As a result, constituent concentrations based on the UCL and mean are likely biased high. Constituents with HQs between 1 and 10 in the Tier 2 evaluation were identified as secondary COIs. Given the uncertainty associated with using the most conservative screening values that may be overprotective and the biased nature of the dataset, an HQ of 10 was considered an appropriate threshold above which a constituent would be considered a COI.

#### **2.4.1 Uncertainties with Excluding Non-Detect Data**

Non-detected constituents were excluded from the screening evaluation dataset. For some constituents, the detection limits may be elevated above the Tier 1 screening levels. Exclusion of non-detected constituents with elevated detection limits introduces additional uncertainty in the identification of COIs. Non-detected constituents were further evaluated in the uncertainty analysis to assess whether sample detection limits were adequate to perform the screening process. To assess whether the non-detected data had detection limits above Tier 1 human health and ecological screening levels, the sample detection limits were compared to the Tier 1 screening levels. Appendix E, Table E-1 presents this comparison. None of the non-detected constituents in soil had detection limits above the Tier 1 human health screening levels; however, several SVOCs had detection limits greater than Tier 1 ecological screening levels. These SVOCs included 2,4-dimethylphenol, 2,4-dinitrophenol, 2,6-dinitrotoluene, 2-chloronaphthalene, hexachlorobenzene, hexachlorobutadiene, and pentachlorophenol. Pentachlorophenol and 2,4-dimethylphenol are very infrequently detected in paper residuals (see Section 2.4.2) and are not evaluated further.

#### **2.4.2 Uncertainties with Excluding Constituents with a Low Frequency of Detection**

Constituents with a FOD less than or equal to 10 percent were eliminated from further evaluation in Step 2 of the Tier 1 evaluation. Exclusion of low FOD constituents introduces additional uncertainty in the identification of COIs. Thus, constituents eliminated due to a low FOD were further evaluated in the uncertainty analysis to assess whether those constituents are not considered to be a concern for the Site. To assess whether the eliminated low FOD constituents had concentrations greater than human health and ecological screening levels, the maximum detected concentration was compared to Tier 1 screening levels. Appendix E, Table E-2 presents this comparison. 2,4-Dimethylphenol and pentachlorophenol were detected in 1 of 59 paper residuals samples and 3 of 59 paper residuals samples, respectively. Due to the low FOD for these two constituents in paper residuals, these constituents are not considered to warrant further evaluation because of their limited spatial extent. None of the eliminated low FOD constituents in soil had maximum detected concentrations greater than the Tier 1 human health screening levels; however, two metals (antimony and thallium) and three pesticides (chlordane, endrin, and toxaphene) had maximum detected concentrations greater than Tier 1 ecological screening levels. Although a few individual samples exceeded the ecological screening levels for these constituents (between 1 and 3 samples per constituent in 38 to 50 total samples), these constituents are not expected to be frequently encountered by ecological receptors in the floodplain areas because of their limited spatial extent and are not considered to warrant further evaluation. This level of uncertainty is acceptable given the screening process employed in this non-PCB evaluation for risk management and remedial decisions concerning floodplain soil.

## **2.5 SOIL EVALUATION CONCLUSIONS**

Only one primary COI (TCDD TEQ) for ecological endpoints and one secondary COI for human health (TCDD TEQ) were identified as Tier 2 COIs with mean HQs greater than the total PCBs HQ. Most of the elevated TCDD TEQ concentrations are collocated with elevated total PCBs and within the predicted remedial footprint identified for evaluation in an FS. In addition, the HQ for TCDD TEQ is likely overestimated.

This screening document has met the goal of confirming that PCBs are the driver for risk and remediation. To validate this conclusion, sample analysis of dioxins/furans for risk assessment and collocation mapping is recommended for floodplain soil in Area 4.

### **3.0 EVALUATION OF NON-PCB CONSTITUENT DATA IN SEDIMENT**

Data used in the sediment screening evaluation were collected from Areas 1 through 3 of OU-5 (Site) between 1997 and 2011 (Figure 1-1). Sediment data collected from Morrow Lake in 2010 and sediment data collected as part of the Line 6B oil spill monitoring in 2010 are incorporated as upstream/reference data for comparison to Site data (Figure 1-2). In July 2010 near Marshall, Michigan, a pipeline leak occurred (Line 6B, 2014). Approximately 8,033 barrels of crude oil entered Talmadge Creek and the Kalamazoo River, flowing downstream until contained near Morrow Lake. Sediments were collected within the river from Talmadge Creek approximately to Morrow Lake Dam and in the Kalamazoo River upstream of Ceresco Reservoir. Data from August 16, 2010, to October 22, 2010, published online on the Line 6B oil spill website (Line 6B, 2014) were used as reference sample data for screening of Site sediment data. One group of samples was collected upstream of the spill, and the samples in Morrow Lake are downstream of the major impacts of the spill. However, because the Morrow Lake samples were downstream of the spill, reference concentrations associated with petroleum hydrocarbons, including PAHs, were not used to screen the Site sediment data. Samples collected in the Kalamazoo River from Talmadge Creek to Morrow Lake were not used as reference data because these were assumed to be from crude oil-impacted sediment before remediation (Line 6b, 2013).

The sediment data and summary statistics used as upstream/reference sample data for the screening assessment are provided in Appendix B. Sample locations collected upstream of Ceresco Reservoir in the Kalamazoo River are shown on Figure 3-1. Sample locations collected in Morrow Lake are shown on Figure 3-2.

The Site sediment sampling locations are shown on Figure 3-3. Sediment constituent data were combined into one dataset without identification of the depth interval sampled to increase sample size and statistical power. The sediment dataset includes sediment collected up to 5.5 feet bgs. Sediment samples evaluated were analyzed for the following non-PCB constituents:

- VOCs
- SVOCs
- PAHs
- Pesticides
- Total metals/inorganic compounds
- Dioxins/furans

#### **3.1 DATA EVALUATION**

A review of the sample distribution and sampling strategy for sediment samples indicates a potential bias toward overestimating exposure concentrations in sediments. By design, approximately 20 percent of the sediments in Area 1 are fine-grained; however, the biased sampling conducted in 2000 resulted in nearly 60 percent of core locations being sampled in



fine-grained sediment locations (ARCADIS 2012). As a result, more samples were collected from fine-grained than coarse-grained material, although the river contains more coarse-grained material. Because constituents often have an affinity for fine-grained materials, this sampling approach is biased toward higher constituent concentrations.

The data evaluation step was conducted following the data selection rules discussed in Section 2.1 for soil. The Site and upstream/reference datasets for sediment are summarized in the sections below and included in Appendix A.

As discussed in Section 2.1, the TCDD TEQ concentration in each sample was calculated by analytically determining the levels of each target congener in the sample, multiplying the concentration of each congener by a congener-specific TEF, and then summing the products to give a TCDD TEQ in accordance with *USEPA's Framework for Application of the Toxicity Equivalence Methodology for Polychlorinated Dioxins, Furans, and Biphenyls in Ecological Risk Assessment* (USEPA 2008) and *USEPA's Recommended Toxicity Equivalence Factors (TEFs) for Human Health Risk Assessments of 2,3,7,8-Tetrachlorodibenzo-p-dioxin and Dioxin-Like Compounds* (USEPA 2010). The TCDD TEQ concentrations were used in the Site sediment dataset to evaluate dioxins and furans as a potential COI.

### **3.2 TIERED APPROACH FOR SCREENING OF CONSTITUENTS IN SEDIMENT**

The tiered approach for screening constituents in sediment follows the steps outlined on Figure 1-3, as follows:

#### **Tier 1 Screening**

- Step 1. Identify potential field sampling and laboratory artifacts
- Step 2. Evaluate detection frequency for each constituent
- Step 3. Compare maximum sediment constituent concentration to Tier 1 human health and ecological sediment screening levels (i.e., MDEQ soil screening levels for human health due to the lack of available sediment screening values and USEPA Region 5 RCRA ecological sediment screening levels [USEPA 2003a])
- Step 4. Compare mean sediment constituent concentrations to reference sediments collected upstream of Ceresco Reservoir or Morrow Lake

#### **Tier 2 Screening**

- Step 5: Calculate an HQ for remaining constituents by dividing the EPCs by the Tier 2 human health and ecological screening values to identify sediment primary COIs and secondary COIs for human and ecological receptors
- Step 6: Compare sediment primary COI and secondary COI mean concentrations to paper residuals mean concentrations and test whether the concentrations in these media are statistically similar

**Step 7: Compare sediment HQs of COI to HQs for total PCBs and to HQs based on upstream/reference concentrations**

Step 6 of the Tier 2 screening consists of comparisons only; there is no elimination of constituents from further evaluation in this step. Step 7 is also a comparison, and is weighted heavily in qualifying the importance of carrying a specific COI forward in this evaluation. Step 7 identifies non-PCB constituents which indicate the potential for less risk than that associated with total PCBs. Therefore, COIs showing a lower potential risk relative to total PCBs (lower HQs) are not evaluated further. If identified, COIs that indicate a potential for risk greater than total PCBs were evaluated for sensitivity to the Tier 2 screening values and collocation mapping with total PCBs.

### **3.2.1 Constituents Detected in Sediment**

The list of constituents detected in Site sediment is presented in Table 3-1. Constituents detected in Site sediment included the following:

- 22 Metals/inorganic
- 13 VOCs
- 15 SVOCs
- 17 PAHs
- 19 Pesticides
- TCDD TEQ

Non-detected constituents were further evaluated in the uncertainty analysis presented in Section 3.3, which includes a comparison of detection limits to Tier 1 screening human health and ecological levels to show that sample detection limits were adequate to perform the screening process.

### **3.2.2 Tier 1 Screening**

#### **3.2.2.1 Step 1: Potential Field Sampling and Laboratory Artifacts**

Potential field sampling and laboratory artifacts were identified within the detected sediment constituents (Table 3-2). Detections of potential field sampling and laboratory artifacts that were reported at estimated concentrations ("J" flagged) because the detection was less than the reporting limit or were associated with field or equipment blanks ("B" flags for organic constituents) were treated as non-detections (USEPA 1989). Sediment constituents evaluated as potentially associated with field sampling or laboratory contamination included 2-butanone, acetone, carbon disulfide, methylene chloride, toluene, BEHP, butyl benzyl phthalate, DNBP, and di-n-octyl phthalate. The following constituents were eliminated from further evaluation because greater than 90 percent of the detected concentrations for these two constituents were J or B flagged:

- Butyl benzyl phthalate
- Di-n-octyl phthalate
- Toluene

The high rate of estimated and/or biased data for these field sampling and laboratory artifacts are an indication of sample bias.

### **3.2.2.2 Step 2: Frequency of Detection**

Infrequently detected constituents (i.e., constituents detected in  $\leq 10$  percent of the samples) are unlikely to pose a chronic health threat to receptors. Constituents that were infrequently detected in sediment were eliminated from further consideration in the screening evaluation (Table 3-3). The following constituents were eliminated from further evaluation due to a low FOD (i.e., FOD of  $\leq 10$  percent):

- 7 VOCs (1,4-dichlorobenzene, benzene, chlorobenzene, cyclohexane, ethylbenzene, tetrachloroethene, trichloroethene)
- 5 SVOCs (2,4-dimethylphenol, 4-chloro-3-methylphenol, dimethyl phthalate, DNBP, phenol)
- 5 Pesticides (alpha-BHC, beta-BHC, endosulfan sulfate, gamma-BHC (lindane), methoxychlor)

For constituents eliminated due to a low FOD, detected concentrations were compared to the Tier 1 human health and ecological screening levels for the uncertainty analysis, which is discussed in Section 3.3, to show that constituents eliminated due to low FOD are not considered to warrant further evaluation.

### **3.2.2.3 Step 3A: Tier 1 Human Health Screen**

Human health-based screening levels for sediments were not available for comparison to Site data. Maximum detected sediment concentrations were compared to Michigan residential soil screening levels (MDEQ 2013) as surrogate sediment benchmarks for identifying constituents that may potentially pose health hazards. Multiple soil screening levels were considered, including the Michigan Volatile Soil Inhalation Screening Level, Michigan Particulate Soil Inhalation Screening Level, and the Michigan Direct Contact Screening Level (MDEQ 2013). Total chromium results were assumed to be hexavalent chromium for screening purposes; however, no industrial processes are known to have generated hexavalent chromium. Constituents exceeding the most conservative soil screening level were retained for further evaluation. Table 3-4 presents the results of the Tier 1 human health screening.

Constituents eliminated because maximum detected concentrations were below the lowest Tier 1 human health screening level included the following:

- 16 Metals
- 5 VOCs
- 5 SVOCs
- 16 PAHs
- 14 Pesticides

Constituents eliminated because the constituent is considered a non-toxic essential nutrient included the following:

- 3 Metals (calcium, potassium, sodium)

Constituents eliminated because a human health screening level was not available included the following:

- 3 SVOCs (1,1-biphenyl, 2-chlorobiphenyl, benzaldehyde)

#### **3.2.2.4 Step 3B: Tier 1 Ecological Screen**

Maximum detected sediment concentrations were compared to USEPA Region 5 RCRA ecological sediment screening levels (USEPA 2003a) to identify constituents that may potentially pose health hazards for ecological receptors exposed to Site sediment. For constituents with no USEPA Region 5 ecological sediment screening levels available, USEPA Region 3 BTAG freshwater sediment screening benchmarks (USEPA 2006b) were used, where available. Constituents exceeding the ecological sediment screening level were retained for further evaluation. Table 3-5 presents the results of the Tier 1 ecological screening.

Constituents eliminated because the maximum detected concentration was below the Tier 1 ecological screening level included the following:

- 2 Metals
- 2 VOCs
- 1 SVOC
- 1 PAH
- 2 Pesticides

Constituents eliminated because the constituent was considered a non-toxic essential nutrient included the following:

- 5 Metals (calcium, iron, magnesium, potassium, sodium)

Constituents eliminated because a screening level was not available included the following:

- 4 Metals (antimony, barium, beryllium, vanadium)
- 3 SVOCs (2-chlorobiphenyl, benzaldehyde, carbazole)

### **3.2.2.5 Step 4: Background Screen**

Sediment constituent concentrations were compared to the range of detected sediment concentrations upstream of Ceresco Reservoir and Morrow Lake. The mean concentration of the sediment constituent was compared to the range of upstream/reference sediment concentrations. For this comparison, the arithmetic mean was used when the constituent was detected in 100 percent of the samples. The KM mean concentration was used for constituents having a mixture of detections and non-detections. The comparison of Site mean sediment concentrations to upstream/reference sediment concentrations is provided in Table 3-6. Constituents with a mean concentration below or within the range of upstream/reference sediment concentrations were eliminated from further evaluation.

Constituents eliminated because mean Site sediment concentrations were below reference levels included the following:

- 9 Metals (arsenic, cadmium, chromium, copper, mercury, nickel, selenium, silver, zinc)
- 3 VOCs (2-butanone (methyl ethyl ketone), acetone, methylene chloride (dichloromethane))
- 3 SVOCs (1,1-biphenyl, 2-methylphenol (o-cresol), bis(2-ethylhexyl)phthalate)
- 14 PAHs (2-methylnaphthalene, acenaphthene, acenaphthylene, anthracene, benzo(a)anthracene, benzo(a)pyrene, benzo(g,h,i)perylene, chrysene, fluoranthene, fluorene, indeno(1,2,3-cd)pyrene, naphthalene, phenanthrene, pyrene)

### 3.2.2.6 Tier 1 Screening Summary

Tables 3-7 and 3-8 present the results of each Tier 1 screening step for human health and ecological receptors, respectively. The following constituents were retained for Tier 2 screening:

Human Health	Ecological
Lead	Lead
	Manganese
	4-Methylphenol (p-Cresol)
	Benzo(k)fluoranthene
	Dibenzo(a,h)anthracene
	alpha-Chlordane
	beta-Chlordane
	4,4'-DDD
	4,4'-DDE
	4,4'-DDT
	Dieldrin
	Endosulfan I
	Endrin
	Endrin ketone
	gamma-Chlordane
	Heptachlor
	Heptachlor Epoxide
	TCDD TEQ

### 3.2.3 Step 5: Tier 2 Screening

The constituents retained from the Tier 1 screening were further evaluated for the potential for health effects to Site receptors using the HQ method. In the Tier 2 screening, the UCL or mean concentration for each constituent is divided by a Tier 2 human health and ecological screening value to generate a HQ for each constituent. A HQ of 1 or less generally indicates that exposure to the constituent is not anticipated to pose adverse health effects to potential receptors. A HQ greater than 1 does not necessarily indicate that adverse impacts will occur, and, due to the conservative sampling bias in the dataset, the estimated HQs are likely higher than what would be observed in the floodplain. Constituents with HQs greater than 10 in the Tier 2 evaluation were identified as primary COIs. Constituents with HQs between 1 and 10 in the Tier 2 evaluation were identified as secondary COIs. Secondary COIs were not screened out or eliminated from the evaluation, but were qualified as secondary because the UCL and mean used to calculate the HQs are less certain, given the biased sampling design and the conservative Tier 2 screening criteria used.

The UCL (i.e., generally the 95 percent UCL on the arithmetic mean) and the mean concentrations were used as the area-wide constituent concentrations for sediment constituents

in the HQ analysis. The UCLs were calculated using USEPA's ProUCL Version 5.0 (USEPA 2013a) when sufficient data (eight or more data points) were available. The ProUCL output reports are provided in Appendix C. Except for lead in the human health HQ evaluation, the recommendations of the ProUCL software were followed regarding selection of constituent concentrations. In accordance with USEPA guidelines for lead in human health risk assessment, the mean concentration in sediment was used as the constituent concentration for lead (USEPA 2007; 2013c). The maximum detected concentration was used as the constituent concentration if the recommended UCL was greater than the maximum detected concentration or insufficient data were available for calculation of an UCL.

For the human health HQ analysis, the most conservative Michigan residential soil screening levels (MDEQ 2013) previously used in the Tier 1 soil screening process (Section 3.2.2.3) were selected as the toxicological benchmarks for HQ analysis due to a lack of available sediment toxicological benchmarks for human health. For the ecological HQ analysis, constituents were evaluated with more refined probable effects levels. Probable effects concentrations (PECs) reported in MacDonald et al. (2000) were selected as the Tier 2 ESVs for sediment. The PECs reported by MacDonald et al. (2000) represent a concentration of a constituent in freshwater sediment below which the likelihood of adverse effects is considered low. For constituents without PECs available, USEPA Region 3 BTAG freshwater sediment screening benchmarks (USEPA 2006b) were used for Tier 2 ESVs.

### **3.2.3.1 Step 5A: Human Health Hazard Quotients**

Table 3-9 presents the results of the Tier 2 human health screening for sediment, which are summarized below:

- Lead was eliminated as a human health COI (i.e., mean HQs  $\leq$  1).
- No constituents were selected as human health primary COIs or secondary COIs.

### **3.2.3.2 Step 5B: Ecological Hazard Quotients**

Table 3-10 presents the results of the Tier 2 ecological screening for sediment, which are summarized below:

- Thirteen constituents were eliminated as ecological COIs (i.e., mean HQs  $\leq$  1):
  - 1 Metal (manganese)
  - 1 SVOC (4-methylphenol (p-Cresol))
  - 11 Pesticides (alpha-chlordane, beta-chlordane, 4,4'-DDD, 4,4'-DDE, 4,4'-DDT, dieldrin, endrin, endrin ketone, gamma-chlordane, heptachlor, heptachlor epoxide)
- One constituent selected as an ecological primary COI (i.e., mean HQ was greater than 10):
  - TCDD TEQ

- Four constituents selected as ecological secondary COIs (i.e., mean HQs were greater than 1 but less than or equal to 10):
  - 1 Metal (lead)
  - 2 PAHs (benzo(k)fluoranthene and dibenzo(a,h)anthracene)
  - 1 Pesticide (endosulfan 1)

### 3.2.3.3 Tier 2 Screening Summary

Tables 3-11 and 3-12 present a summary of the Tier 2 human health and ecological screening, respectively. The following primary COIs and secondary COIs were identified for sediment:

<u>Human Health</u>		<u>Ecological</u>	
Primary COI	Secondary COI	Primary COI	Secondary COI
None	None	TCDD TEQ	Lead Benzo(k)fluoranthene Dibenzo(a,h)anthracene Endosulfan I

### 3.2.3.4 Step 6: Comparison of COIs Concentrations to Paper Residuals Concentrations

Step 6 consists of comparisons only; there is no elimination of constituents from further evaluation beyond Step 5. In Step 6, COI concentrations in sediment were compared to concentrations in paper residuals (discussed in Section 2.2.3.4) using two-sample hypothesis testing. Two-sample hypothesis testing for sediment was conducted as described in Section 2.2.3.4 for soil. The intention of the two-sample hypothesis testing is to demonstrate whether the sediment dataset is similar to the paper residuals dataset. If COI concentrations in sediment are consistent with or greater than that of the paper residuals, then background or other sources of the COIs likely contribute to sediment concentrations. In general, if paper residuals were a primary source, it is expected that the concentrations of COIs would be less than the source materials because of mixing and dilution through the transport processes of the river. For constituents not detected in paper residuals but detected in sediment, other anthropogenic or background sources are likely.

A comparison of PCBs in Site sediment to paper residuals is provided in Table 2-16. Total PCB Aroclor concentrations in paper residuals were compiled for subsamples collected from 50 to 90 percent of the overall sampling depth (Appendix A, Table A-10). Selection of paper residual samples is discussed in Section 2.2.3.4.

Methods and results of the two-sample hypothesis testing and the comparison of Site sediment to paper residuals are provided below. Table 3-13 summarizes paper residuals concentrations to Site sediment concentrations for the COIs. Table 3-14 presents the results of the two-sample hypothesis testing for paper residuals concentrations to Site sediment concentrations for the COIs. The hypothesis testing inputs and output are provided in Appendix D.



## **Results of Two-Sample Hypothesis Testing**

One sediment constituent (TCDD TEQ) was selected as a primary COI, and four sediment constituents (lead, endosulfan I, benzo(k)fluoranthene, and dibenzo(a,h)anthracene) were selected as secondary COIs. The Wilcoxon-Mann-Whitney test was used with datasets that did not include non-detections with more than one detection limit. In accordance with recommendations from the ProUCL software (USEPA 2013a), the Gehan test was used when datasets included non-detections and variable detection limits. In ProUCL, p-values are calculated for each test approach. A p-value is the probability value assessing whether the null hypothesis ( $H_0$ ) should be rejected. If the p-value is smaller than the pre-set alpha value (typically  $\alpha = 0.05$ ), the  $H_0$  is rejected and the alternative hypothesis should be accepted. Constituents that were COIs in soil and sediment were also statistically compared and are discussed below and presented in Appendix D. A Bonferroni adjustment of the p-value (adjusted  $\alpha = 0.017$ ) was calculated and used to evaluate the results of the multiple comparisons (i.e., three tests) because multiple comparisons cause an increase in the experiment-wise error rate (see Appendix D text for details). For these comparisons,  $H_0$  assumes that the soil data median is equal to the sediment data median. The  $H_0$  was not rejected if the p-value was equal to or greater than the alpha.

## **Sediment and Paper Residuals Comparison**

### **Sediment Primary COIs**

TCDD TEQ – The range of Site sediment concentrations (0.00054 ng/kg to 29.64 ng/kg) is below the range of paper residuals concentrations (0.989 ng/kg to 2,023 ng/kg; Table 3-13). Median concentrations in Site sediment and paper residuals samples were significantly different (using the Wilcoxon-Mann-Whitney test; Table 3-14). Median concentrations in Site sediment were lower than in paper residuals.

### **Sediment Secondary COIs**

Lead – The range of Site sediment concentrations (1.5 mg/kg to 1,200 mg/kg) is within the range of paper residuals concentrations (7.8 mg/kg to 1,440 mg/kg; Table 3-13). Median concentrations in Site sediment and paper residuals samples were not significantly different (using the Wilcoxon-Mann-Whitney test; Table 3-14). Lead was identified as a COI in Site soil.

Endosulfan I – Endosulfan I was not detected in paper residuals. Site sediment concentrations ranged from 1.4 µg/kg to 44 µg/kg (Table 3-13).

Benzo(k)fluoranthene – Benzo(k)fluoranthene was not detected in paper residuals with a maximum detection limit of 89,000 µg/kg. Site sediment concentrations ranged from 36 µg/kg to 4,800 µg/kg (Table 3-13).

Dibenzo(a,h)anthracene – Dibenzo(a,h)anthracene was not detected in paper residuals with a maximum detection limit of 89,000 µg/kg. Site sediment concentrations ranged from 27 µg/kg to 410 µg/kg (Table 3-13).

Constituents that have concentrations in sediment equal to or greater than paper residuals likely have contributions from other natural and/or anthropogenic sources. Lead is both naturally occurring and may have multiple sources. The contribution of endosulfan I and the two PAHs may also have multiple anthropogenic sources; these PAHs were not detected in paper residuals. Anthropogenic sources of TCDD TEQ likely also contribute to soil. This region includes industrial areas that contained several of the sources of these COIs, as described in Appendix F.

### **Sediment and Soil COI Comparison**

Constituents that were primary COIs or secondary COIs in both soil and sediment were compared statistically using the two-sample hypothesis methods described in Section 2.2.3. TCDD TEQ and lead were identified as COIs and/or secondary COIs in both Site soil and sediment. Data for neither constituent was normally distributed so a non-parametric two-sample hypothesis was used to test for significant differences between soil and sediment. For these comparisons,  $H_0$  assumes that the sediment data median is equal to the soil data median. The  $H_0$  was not rejected if the p-value was equal to or less than the alpha. Output from statistical tests is provided in Appendix D.

TCDD TEQ – The range of Site sediment TCDD TEQ concentrations (0.00054 ng/kg to 29.64 ng/kg) is below the range of Site soil TCDD TEQ concentrations ((0.042 ng/kg to 1,071 ng/kg). The sample sizes are limited for TCDD TEQ, which introduces uncertainty for these comparisons. TCDD TEQ concentrations in soil were statistically greater than the concentrations observed in sediment samples.

Lead – The range of Site sediment lead concentrations (1.5 mg/kg to 1,200 mg/kg) is similar to the range of Site soil lead concentrations (2.9 mg/kg to 1,200 mg/kg). Lead concentrations in soil were not statistically different than the concentrations observed in sediment samples. Soil concentrations were not statistically different than paper residuals and sediment concentrations were not statistically different than paper residuals.

#### **3.2.3.5 Step 7: Comparison of Total PCB HQs to COIs HQs and Comparison of COIs HQs to Upstream/Reference Sediment HQs**

Step 7 is weighted heavily in qualifying the importance of carrying a specific COI forward in this evaluation. Step 7 identifies non-PCB constituents which indicate the potential for less risk than that associated with total PCBs. Therefore, COIs showing a lower potential risk relative to total PCBs (lower HQs) will not be evaluated further.

### **Comparison of COIs HQs to Upstream/Reference Sediment HQs**

Sediment upstream/reference HQs were also calculated for the COIs with data available for comparison of Site HQs to upstream/reference HQs. Table 3-15 provides the comparison of the COIs HQs to the range of upstream/reference HQs. The mean Site sediment HQ for lead (HQ = 2) was slightly higher than the reference HQs (0.01 to 1). Upstream/reference HQs for the two PAHs (benzo(k)fluoranthene [1 to 2] and dibenzo(a,h)anthracene [3]) were only slightly less than the Site sediment HQs (4 respectively). Upstream/reference data were not available for TCDD TEQ or endosulfan I. In general, mean Site sediment HQs were similar to or slightly higher than the available upstream/reference HQs.

### **Comparison of Total PCB HQs to COIs HQs**

Total PCBs HQs were compared to COIs HQs to evaluate the magnitude of the non-PCB COIs HQs to Total PCBs HQs. The UCL and mean Site sediment concentrations for total PCBs were calculated as discussed in Section 1.1. The UCL and mean concentrations for total PCBs were divided by a Tier 2 ESV for total PCBs to generate HQs. No human health COIs were identified for sediment. Thus, only ecological COIs HQs were compared to total PCBs HQs. The Tier 2 ESV for total PCBs was the MacDonald et al. (2000) threshold effects concentration (TEC) for PCBs (i.e., the concentration below which harmful effects are unlikely to be observed) (Table 3-15). Table 3-15 compares the COIs HQs to the total PCBs HQs for ecological receptors.

The mean HQ for total PCBs based on potential ecological risk is 55 (Table 3-15). The mean HQ for total PCBs is five times higher than the HQ for the ecological primary COI, TCDD TEQ (HQ = 11). The mean HQs for the four ecological secondary COIs, which range from 2 to 4, are an order of magnitude less than that for total PCBs. Thus, the ecological primary COI and secondary COIs are not considered to be risk drivers compared to total PCBs for ecological sediment exposures.

## **3.3 UNCERTAINTIES**

The uncertainties associated with the non-PCB sediment data evaluation are summarized below:

- Available upstream samples were used as reference data. These data were not analyzed for pesticides and dioxins/furans and could not be used to evaluate upstream/reference conditions for these constituents. In addition, constituents detected upstream of the spill Site and in Morrow Lake were assumed to represent ambient conditions.
- Soil screening values were used as a surrogate for sediment because human health screening levels are not available for sediment.
- Ecological screening levels for sediment are based on direct toxicity to benthic organisms. Ecological screening levels for bioaccumulative compounds, such as pesticides and dioxins/furans, may not be protective of

aquatic feeding wildlife, which may underestimate the potential for adverse health effects to these receptors.

- The HQs for TCDD TEQs were calculated using a limited dataset from Area 2 (total of eight samples). Site-wide conclusions regarding dioxins were based on this limited dataset.
- Sediment below a depth of 6 inches was included in this data evaluation although at-depth exposure is unlikely for either human or ecological receptors. However, future intrusive activities or scouring during high-water events may expose deeper sediment. Exposure to deeper sediment may also occur if burrowing ecological receptors are present. Concentrations of COIs were generally greater at depths greater than 6 inches so that risk from actual exposure may be overestimated.
- The use of the UCL and/or mean in the calculation of the HQ included all data not eliminated by the data selection rules discussed in Section 2.1. This included data with elevated detection limits, and, in some instances, UCLs and/or means may have been influenced by a few samples. This may have overestimated some HQs.
- Conservative Tier 2 ESVs were used in the HQ calculations. These screening values are often lower than concentrations observed to cause adverse health effects in some wildlife populations. Use of the most conservative ESV may have overestimated some HQs.
- Cumulative hazards and risks are not evaluated in this data evaluation. Synergistic or additive effects and potentially bioaccumulative compounds are not specifically addressed in the screening process. However, potentially bioaccumulative compounds, such as dioxins/furans as TCDD TEQ, are included as COIs when these compounds were greater than the screening criteria.
- Sediment sampling strategies have been intentionally biased. Many samples were taken in areas of former impoundments and fine-grained samples preferentially collected. This approach likely overestimates the magnitude of Site sediment concentrations and influences the results of hypothesis testing. For example, approximately 20 percent of the sediments in Area 1 are fine-grained; however, the biased sampling conducted in 2000 resulted in nearly 60 percent of core locations being sampled in fine-grained sediment locations (ARCADIS 2012).
- An HQ of 1 or less generally indicates that exposure to the constituent is not anticipated to pose adverse health effects to potential receptors. An HQ greater than 1 does not necessarily indicate that adverse impacts will occur, and, due to the conservative sampling bias in the dataset, the estimated HQs are likely higher than what would be observed using an unbiased dataset. Constituents with HQs greater than 10 in the Tier 2 evaluation were identified as primary COIs. A threshold of 10 was considered reasonable given that the data collected were biased (e.g., samples collected along a riverbank, fine-grained sediments were targeted, and samples were primarily collected in former impoundments and not residential exposure units) and were not collected in a random, fully representative manner. As a result, constituent

concentrations based on the UCL and mean are likely biased high. Constituents with HQs between 1 and 10 in the Tier 2 evaluation were identified as secondary COIs. Given the uncertainty associated with using the most conservative screening values that may be overprotective and biased nature of the dataset, an HQ of 10 was considered an appropriate threshold above which a constituent would be considered a COI.

- Individual PAH sediment concentrations were compared to Tier 1 and Tier 2 screening criteria and only two PAHs (benzo(k)fluoranthene and dibenzo(a,h)anthracene) were identified as secondary COIs in sediment. Total PAH screening values for freshwater sediment were compared against the sum of the UCLs of the two PAH COIs (1.41 mg/kg). The sum of these two high molecular weight PAHs in Site sediment were below the probable effects level of 2.34 mg/kg for total high molecular weight PAHs in Ingersoll et al. (1996) for freshwater sediment, indicating that combined exposure to these two PAHs in sediment are not anticipated to cause adverse effects to benthic organisms.

### **3.3.1 Uncertainties with Excluding Non-Detect Data**

Non-detected constituents were excluded from the screening evaluation dataset. For some constituents, the detection limits may be elevated above the Tier 1 screening levels. Exclusion of non-detected constituents with elevated detection limits introduces additional uncertainty in the identification of COIs. Non-detected constituents were further evaluated in the uncertainty analysis to assess if sample detection limits were adequate to perform the screening process. To assess whether the non-detected data had detection limits above Tier 1 human health and ecological screening levels, a comparison of the sample detection limits to the Tier 1 screening levels was performed. Appendix E, Table E-3 presents this comparison. None of the non-detected constituents in sediment had detection limits above the Tier 1 human health screening levels for soil (i.e., soil used as a surrogate for sediment because human health screening levels are not available for sediment); however, several constituents had detection limits greater than Tier 1 ecological screening levels. These constituents included 1 metal/inorganic, 4 VOCs, 13 SVOCs, and 4 pesticides (Appendix E, Table E-3). None of the SVOCs were detected in paper residuals, and thus, do not warrant further evaluation. Of the 4 VOCs, cis-1,3-dichloropropene was detected in only 1 sample of 61 samples for paper residuals. Of the 4 pesticides, endosulfan II was detected in only 1 sample of 60 samples for paper residuals. Due to the low FOD for cis-1,3-dichloropropene and endosulfan II in paper residuals, these constituents are not considered to warrant further evaluation because their spatial extent would be limited if they were detected. Cyanide was detected in paper residuals. However, cyanide was eliminated during soil screening as being less than Michigan soil background and is likely to also be below reference concentrations in sediment if it were to be detected.

### **3.3.2 Uncertainties with Excluding Constituents with a Low Frequency of Detection**

Constituents with a FOD less than or equal to 10 percent were eliminated from further evaluation in Step 2 of the Tier 1 evaluation. Exclusion of low FOD constituents introduces

additional uncertainty in the identification of COIs. Constituents eliminated due to a low FOD were further evaluated in the uncertainty analysis to assess whether those constituents could be considered a concern for the Site. To assess whether the eliminated low FOD constituents had concentrations greater than human health and ecological screening levels, the maximum detected concentration was compared to Tier 1 screening levels. Appendix E, Table E-4 presents this comparison. None of the eliminated low FOD constituents had maximum detected concentrations greater than the Tier 1 human health screening levels for soil (i.e., soil used as a surrogate for sediment because human health screening levels are not available for sediment). However, one SVOC (2,4-dimethylphenol) and three pesticides (alpha-BHC, beta-BHC, and gamma-BHC) had maximum detected concentrations greater than Tier 1 ecological screening levels. Only one sample for each constituent was greater than the ecological screening levels for the constituents. Therefore, these constituents are not expected to be frequently encountered by ecological receptors and are not considered to warrant further evaluation because of their limited spatial extent. This level of uncertainty is acceptable given the screening process employed in this non-PCB evaluation for risk management and remedial decisions concerning sediment.

### **3.4 SEDIMENT EVALUATION CONCLUSIONS**

No constituents were identified as human health COIs or secondary COIs in sediment. TCDD TEQ was identified as a primary ecological COI, and lead, benzo(k)fluoranthene, dibenzo(a,h)anthracene, and endosulfan I were identified as ecological secondary COIs. HQs were calculated for these resulting COIs and were lower than the HQ for total PCBs. Both primary and secondary COIs have HQs that are less than the total PCBs HQ and/or are collocated with elevated PCB concentrations. Therefore, the COIs identified will not drive risk management or remedial decisions. This screening document has met the goal of confirming that PCBs are the driver for risk and remediation.

## 4.0 SUMMARY AND CONCLUSIONS

Throughout the remedial investigations within the Kalamazoo River – OU-5 Superfund Site, PCBs have been considered the COC which would drive risk management and remedial decisions. Data for other constituents have been collected within Areas 1 through 3 of OU-5. Data collected for the Area 1, 2, and 3 SRIs and other supporting data collections within these three Areas were queried to identify soil and sediment sample results for constituents other than PCBs (i.e., non-PCB constituents). The purpose of this evaluation is: 1) to identify non-PCB constituents that may be COIs for the Site and 2) to show that PCBs are the driver for risk and remediation at the Site. Ultimately, the goal for this screening evaluation is to verify that potential impacts from non-PCB COIs will be addressed adequately through remediation protective of human health and the environment identified for PCBs.

For purposes of this evaluation, COIs are non-PCB constituents detected in soil and/or sediment that were identified for further consideration based on a tiered screening process. COIs are not COCs that potentially pose an unacceptable risk to human health or the environment, but are constituents that may be recommended for further consideration. Multiple sources, both naturally occurring and/or anthropogenic, likely contribute to the presence of non-PCB constituents in floodplain soil and sediment.

The selection of COIs follows the seven-step process outlined on Figure 1-3. In Step 5, HQs were estimated by dividing EPCs by risk-based values protective of human health and ecological receptors in order to identify primary COIs and secondary COIs. In this preliminary screening evaluation, an HQ of 1 or less was assumed to indicate that exposure to the constituent is not anticipated to pose adverse health effects to potential receptors. Constituents with HQs greater than 10 in the Tier 2 evaluation were identified as primary COIs. Constituents with HQs between 1 and 10 in the Tier 2 evaluation were identified as secondary COIs. Samples were collected along riverbanks, and fine-grained sediments were targeted. Also, samples were primarily collected in former impoundments in impacted areas and were not randomly selected. As a result, data are likely biased high and overestimate the actual EPCs. Because of the conservative screening criteria applied and potential high bias in the dataset towards contaminated areas, an HQ greater than 1 does not necessarily indicate that adverse impacts will occur. Given the uncertainty in the applicability of the screening values and the high-biased nature of the dataset, an HQ of 10 was considered an appropriate target threshold value. An HQ of 10 provides for reasonable certainty that a constituent should be retained for further evaluation. HQs between 1 and 10 were also selected as secondary COIs for further evaluation. Identification as a secondary COI does not eliminate the constituent from further evaluation, but serves as a qualifier on uncertainty.

Both primary and secondary COIs either have qualified HQs that are less than the total PCBs HQ and/or are primarily collocated with elevated PCB concentrations. Therefore, the COIs identified will not drive risk management or remedial decisions. This screening document has met the goal of confirming that PCBs are the driver for risk and remediation. Sample analysis of

dioxins/furans for risk assessment and collocation mapping is recommended for floodplain soil in Area 4.



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## **TABLES**

**TABLE 1-1**  
**Summary of Detected Non-PCB Chemicals in Paper Residuals**  
**Area-Wide Non-PCB Constituent Screening Evaluation**

Parameter	Number of Detects	Number of Samples	Frequency of Detection	Units	Minimum Detected Concentration	Maximum Detected Concentration	Kaplan Meier Mean
<b><u>Metals/Inorganics</u></b>							
Aluminum	63	63	100%	mg/kg	4360	21500	10077
Antimony	4	63	6%	mg/kg	10.5	25.3	1.45
Arsenic	60	63	95%	mg/kg	0.57 B	23.7 JN	2.37
Barium	61	63	97%	mg/kg	11.6 B	1250 *	247
Beryllium	11	63	17%	mg/kg	0.15 B	2.4	0.118
Cadmium	11	63	17%	mg/kg	0.77 BJ	3.7	0.302
Calcium	63	63	100%	mg/kg	855 B*	116000	18502
Chromium	63	63	100%	mg/kg	7.4	212	69.6
Cobalt	45	63	71%	mg/kg	1.7 B	11.1 B	4.01
Copper	63	63	100%	mg/kg	9.1	279 JN*	77.4
Cyanide	53	63	84%	mg/kg	0.08 B	120 JN*	7.89
Iron	63	63	100%	mg/kg	443 *	15500	3174
Lead	63	63	100%	mg/kg	7.8	1440	358
Magnesium	61	63	97%	mg/kg	393 B	65000 *	2715
Manganese	63	63	100%	mg/kg	6.3 *	615	80.0
Mercury	47	63	75%	mg/kg	0.06 B	5.2 J	1.05
Nickel	56	63	89%	mg/kg	2.1 B	88.8	8.59
Potassium	17	63	27%	mg/kg	145 B	699 B	102
Selenium	13	63	21%	mg/kg	0.35 BJ	3.1	0.182
Silver	2	63	3%	mg/kg	1.6 B	2.1 B	0.077
Sodium	15	63	24%	mg/kg	212 B	1140 B	122
Vanadium	63	63	100%	mg/kg	4.9 B	24.9	13.8
Zinc	56	56	100%	mg/kg	20.9	1140 J	279
<b><u>Volatile Organic Compounds</u></b>							
1,2,4-Trichlorobenzene	1	63	2%	ug/kg	5400 J	5400 J	778
1,2-Dichlorobenzene	1	63	2%	ug/kg	1000 J	1000 J	733
1,3-Dichlorobenzene	1	63	2%	ug/kg	5800	5800	793
1,4-Dichlorobenzene	1	63	2%	ug/kg	15000	15000	920
2-Butanone	39	63	62%	ug/kg	14 J	12000 J	678
2-Hexanone	6	63	10%	ug/kg	11 J	750	39.6

**TABLE 1-1**  
**Summary of Detected Non-PCB Chemicals in Paper Residuals**  
**Area-Wide Non-PCB Constituent Screening Evaluation**

Parameter	Number of Detects	Number of Samples	Frequency of Detection	Units	Minimum Detected Concentration	Maximum Detected Concentration	Kaplan Meier Mean
4-Methyl-2-pentanone	6	63	10%	ug/kg	12 J	91 J	21
Acetone	35	63	56%	ug/kg	6 J	4100 J	498
Benzene	11	63	17%	ug/kg	6 J	66 J	23.3
Carbon Disulfide	35	63	56%	ug/kg	1 J	95	25.0
Carbon Tetrachloride	1	63	2%	ug/kg	3800 J	3800 J	74.1
Chlorobenzene	1	63	2%	ug/kg	18000 DJ	18000 DJ	298
Chloroform	7	63	11%	ug/kg	8 J	62 J	18.7
cis-1,3-Dichloropropene	1	63	2%	ug/kg	14 J	14 J	12.7
Ethylbenzene	21	63	33%	ug/kg	8 J	120 J	31.2
Methylene Chloride	8	63	13%	ug/kg	4 J	160 J	20.4
Styrene	1	63	2%	ug/kg	41 J	41 J	13.8
Tetrachloroethene	7	63	11%	ug/kg	4 J	26 J	12.0
Toluene	34	63	54%	ug/kg	5 J	930 J	103
Xylenes, Total	33	63	52%	ug/kg	6 J	1200 J	120
<b><u>Semi- Volatile Organic Compounds</u></b>							
2,4,5-Trichlorophenol	1	60	2%	ug/kg	5800 J	5800 J	1738
2,4,6-Trichlorophenol	1	60	2%	ug/kg	260 J	260 J	260
2,4-Dimethylphenol	1	60	2%	ug/kg	4100	4100	775
2-Methylnaphthalene	48	63	76%	ug/kg	36 J	22000 J	4410
2-Methylphenol	1	60	2%	ug/kg	510 J	510 J	510
4-Methylphenol	35	61	57%	ug/kg	370 J	38000	4617
bis(2-Chloroethyl)ether	1	63	2%	ug/kg	2100 J	2100 J	715
bis(2-Ethylhexyl)phthalate	36	63	57%	ug/kg	95 J	15000 J	2288
Butylbenzylphthalate	1	63	2%	ug/kg	780 J	780 J	660
Diethylphthalate	1	63	2%	ug/kg	460 J	460 J	460
Di-n-Butylphthalate	2	63	3%	ug/kg	54 J	1600 J	209
Di-n-Octylphthalate	4	63	6%	ug/kg	590 J	3300 J	913
Pentachlorophenol	3	60	5%	ug/kg	1500 J	13000 J	2074
Phenol	1	60	2%	ug/kg	780 J	780 J	660
<b><u>Polycyclic Aromatic Hydrocarbons</u></b>							
Benzo(a)anthracene	1	63	2%	ug/kg	64 J	64 J	64
Chrysene	3	63	5%	ug/kg	58 J	120 J	87.3
Fluoranthene	4	63	6%	ug/kg	66 J	300 J	119
Fluorene	2	63	3%	ug/kg	180 J	400 J	290
Naphthalene	19	63	30%	ug/kg	81 J	29000	2848
Phenanthrene	16	63	25%	ug/kg	38 J	7200 J	911
Pyrene	3	63	5%	ug/kg	50 J	230 J	137

**TABLE 1-1**  
**Summary of Detected Non-PCB Chemicals in Paper Residuals**  
**Area-Wide Non-PCB Constituent Screening Evaluation**

Parameter	Number of Detects	Number of Samples	Frequency of Detection	Units	Minimum Detected Concentration	Maximum Detected Concentration	Kaplan Meier Mean
<b><u>Pesticides</u></b>							
4,4'-DDD	5	61	8%	ug/kg	6.7 JPZ	150 JZ	13
4,4'-DDE	21	55	38%	ug/kg	3.8 JZ	700 JN	81.9
4,4'-DDT	26	54	48%	ug/kg	4.7 JZ	600 Z	94.5
Aldrin	14	62	23%	ug/kg	3.2 Z	510 ZJ	49
Alpha-BHC	1	63	2%	ug/kg	9.3 J	9.3 J	3.61
Alpha-Chlordane	4	53	8%	ug/kg	8.1 Z	130 PZJN	9.06
Beta-BHC	2	57	4%	ug/kg	9.1 JN	26 ZJ	5.31
beta-Chlordane	3	18	17%	ug/kg	5.6 JN	34 J	6.74
Delta-BHC	3	51	6%	ug/kg	6.9 PZ	94 JN	6.88
Endosulfan II	1	62	2%	ug/kg	36 ZN	36 ZN	8.18
Endrin Aldehyde	6	61	10%	ug/kg	24 JZ	110 J	17.77
Gamma-Chlordane	3	29	10%	ug/kg	22 Z	78 JN	13.1
<b><u>Dioxins</u></b>							
2,3,7,8-TCDD TEQ	13	13	100%	ng/kg	0.989	2023	357

**Notes:**

mg/kg = milligrams per kilogram

µg/kg = microgram per kilogram

ng/kg = nanograms perkilogram

PREPARED BY/DATE: SAG 1/7/15

CHECKED BY/DATE: MKB 1/8/15

**Data Flags:**

B = (Organic) Analyte found in associated blank as well as in sample.

B = (Inorganic) Value is estimated.

D = Analysis at secondary dilution factor.

J = Value is estimated.

N = Presumptive evidence of presence of material (tentative identification).

P = Greater than 25% difference for detected concentrations between the two Gas Chromatograph columns.

Z = Laboratory flag not defined.

\* = Duplicate analysis was not within control limits.

**TABLE 2-1**  
**Summary of Detected Non-PCB Constituents in Soil**  
**Area-Wide Non-PCB Constituent Screening Evaluation**

Constituent <sup>(a)</sup>	Number of Detects	Number of Samples	Frequency of Detection (FOD)	Units	Minimum Detected Concentration	Maximum Detected Concentration	Arithmetic Mean /Kaplan Meier Mean Concentration <sup>(b)</sup>
<u>Inorganics/Metals</u>							
Aluminum	50	50	100%	mg/kg	1,300	28,800	9,469
Antimony	1	50	2%	mg/kg	0.85 J	0.85 J	0.85
Arsenic	50	50	100%	mg/kg	2.2	57.4	13.3
Barium	50	50	100%	mg/kg	10.9 J	747	234
Beryllium	49	50	98%	mg/kg	0.048 JQ	1.1	0.467
Cadmium	43	50	86%	mg/kg	0.13 J	13.5	3.72
Calcium	50	50	100%	mg/kg	866	132,000 J	30,219
Chromium	50	50	100%	mg/kg	4.0 J	449	120
Cobalt	50	50	100%	mg/kg	1.3 JQ	16.3 J	6.42
Copper	50	50	100%	mg/kg	1.5 J	390	124
Cyanide	4	12	33%	mg/kg	0.23 B	1.5	0.293
Iron	50	50	100%	mg/kg	4,660 J	71,300	17,042
Lead	50	50	100%	mg/kg	2.9	1,200	318
Magnesium	50	50	100%	mg/kg	768 B	43,600	7,071
Manganese	50	50	100%	mg/kg	70.6 J	2,760	482
Mercury	159	172	92%	mg/kg	0.0090	16.3	1.24
Nickel	50	50	100%	mg/kg	2.8 J	97	29.3
Potassium	47	50	94%	mg/kg	116 J	1,750	470
Selenium	24	50	48%	mg/kg	0.39 BJ	5.3 J	1.67
Silver	25	45	56%	mg/kg	0.33 JQ	7.0	1.78
Sodium	42	50	84%	mg/kg	27.1 J	740 JQ	139
Thallium	3	50	6%	mg/kg	0.41 J	1.0 J	0.434
Vanadium	50	50	100%	mg/kg	4.0 J	32.4	17.4
Zinc	50	50	100%	mg/kg	9.8 J	1,010	308
<u>Volatile Organic Compounds</u>							
Acetone	89	151	59%	µg/kg	6.0	1,600 J	140.4
Acetophenone	6	38	16%	µg/kg	15 JQ	33 J	23
Benzaldehyde	24	38	63%	µg/kg	18 JQ	340 JQ	85.5
2-Butanone (Methyl ethyl ketone)	53	151	35%	µg/kg	8.1	420 J	37.28
Carbon disulfide	3	151	2%	µg/kg	16	24 J	0.963
Isophorone	1	50	2%	µg/kg	1,500	1,500	239
Methylene chloride	2	151	1%	µg/kg	4 J	6 J	0.806
Xylenes, Total	9	151	6%	µg/kg	1.2 J	5.3 J	3.22
Toluene	4	151	3%	µg/kg	2 J	33 J	0.475



**TABLE 2-1**  
**Summary of Detected Non-PCB Constituents in Soil**  
**Area-Wide Non-PCB Constituent Screening Evaluation**

Constituent <sup>(a)</sup>	Number of Detects	Number of Samples	Frequency of Detection (FOD)	Units	Minimum Detected Concentration	Maximum Detected Concentration	Arithmetic Mean /Kaplan Meier Mean Concentration <sup>(b)</sup>
<u>Semi-Volatile Organic Compounds</u>							
bis(2-Ethylhexyl)phthalate	22	50	44%	µg/kg	24	2,300	243.5
Butyl benzyl phthalate	5	50	10%	µg/kg	24	150 J	74.39
Dibenzo(a,h)anthracene	1	50	2%	µg/kg	48 JQ	48 JQ	48
Diethyl phthalate	1	50	2%	µg/kg	18	18	18
Di-n-butyl phthalate	9	50	18%	µg/kg	30	2,900	153.6
Caprolactam	2	38	5%	µg/kg	300	2,300	279
Carbazole	5	50	10%	µg/kg	11 JQ	62 JQ	44.2
Dibenzofuran	4	50	8%	µg/kg	13 JQ	25 J	17.0
Phenol	1	50	2%	µg/kg	250 JQ	250 JQ	217
<u>Petroleum Aromatic Hydrocarbons</u>							
Acenaphthene	6	50	12%	µg/kg	8 JQ	24 JQ	18.7
Acenaphthylene	13	50	26%	µg/kg	11 JQ	62 JQ	29.2
Anthracene	20	50	40%	µg/kg	11 JQ	400 J	59.4
Benzo(a)anthracene	37	50	74%	µg/kg	19	730	182
Benzo(a)pyrene	26	50	52%	µg/kg	48 JQ	720	192
Benzo(b)fluoranthene	34	50	68%	µg/kg	34	1,100	237
Benzo(g,h,i)perylene	28	50	56%	µg/kg	22	540	141
Benzo(k)fluoranthene	31	50	62%	µg/kg	35	490	166
Chrysene	38	50	76%	µg/kg	33	680	232
Fluoranthene	44	50	88%	µg/kg	14	1,300	294
Fluorene	7	50	14%	µg/kg	18 JQ	130	54.4
Indeno(1,2,3-cd)pyrene	18	50	36%	µg/kg	52	620	239
2-Methylnaphthalene	21	50	42%	µg/kg	6.2 JQ	290	53.7
Naphthalene	7	50	14%	µg/kg	8.7 JQ	53	24.2
Phenanthrene	39	50	78%	µg/kg	13	1,300	199
Pyrene	45	50	90%	µg/kg	21	1,500	346
<u>Pesticides</u>							
Aldrin	11	50	22%	µg/kg	6.2 JQ	440	23.1
alpha-BHC	7	50	14%	µg/kg	0.35 J	8.5 J	1.67
beta-BHC	9	47	19%	µg/kg	0.36 J	100 JN	4.68
delta-BHC	15	50	30%	µg/kg	0.96 JQ	61	9.48
gamma-BHC (Lindane)	9	50	18%	µg/kg	0.92 JQ	49 JN	3.25
Chlordane (technical)	2	38	5%	µg/kg	480	2,300	94.1
alpha-Chlordane	20	49	41%	µg/kg	0.14 J	30 J	4.62
beta-Chlordane	6	31	19%	µg/kg	2.2	42 JN	3.92
gamma-Chlordane	12	17	71%	µg/kg	4.3 JQ	150	43.3
4,4'-DDD	29	49	59%	µg/kg	0.46 J	160	20.1
4,4'-DDE	35	50	70%	µg/kg	0.47 J	190	30.8
4,4'-DDT	20	48	42%	µg/kg	3.4 J	340	47.4

**TABLE 2-1**  
**Summary of Detected Non-PCB Constituents in Soil**  
**Area-Wide Non-PCB Constituent Screening Evaluation**

Constituent <sup>(a)</sup>	Number of Detects	Number of Samples	Frequency of Detection (FOD)	Units	Minimum Detected Concentration	Maximum Detected Concentration	Arithmetic Mean /Kaplan Meier Mean Concentration <sup>(b)</sup>
Dieldrin	18	49	37%	µg/kg	2.1 J	130	18.1
Endosulfan I	7	50	14%	µg/kg	0.23 J	17 JQ	1.89
Endosulfan II	1	50	2%	µg/kg	2.6 J	2.6 J	2.60
Endosulfan sulfate	1	50	2%	µg/kg	7.7 J	7.7 J	3.70
Endrin	4	49	8%	µg/kg	0.64 J	33	2.93
Endrin aldehyde	10	50	20%	µg/kg	9.8 JQ	94	10.4
Endrin ketone	4	50	8%	µg/kg	2.7 JQ	26 JQ	4.18
Heptachlor	12	50	24%	µg/kg	0.93 J	260 JQ	13.9
Heptachlor Epoxide	15	50	30%	µg/kg	2.0 J	280	26.1
Methoxychlor	15	50	30%	µg/kg	8.0 JQ	190 JQ	35.5
Toxaphene	1	50	2%	µg/kg	1,700	1,700	90.3
<u>Dioxins/Furans</u>							
TCDD TEQ	39	39	100%	ng/kg	0.042	1,071	162

Notes:

(a) Includes detected constituents in soil.

(b) Arithmetic Mean/Kaplan-Meier (KM) Mean calculated using USEPA's statistical program ProUCL (Version 5.0).

mg/kg = milligram per kilogram

µg/kg = microgram per kilogram

ng/kg = nanograms per kilogram

TCDD TEQ = Toxicity Equivalence Quotient for 2,3,7,8-TCDD

Prepared By/Date: SAG 12/3/14

Checked By/Date: NSR 12/4/14

Data Flags:

B (organic) = Analyte found in associated blank as well as in sample.

B (inorganic) = Result treated as estimated detected value less than the contract required detection limit but greater than the instrument detection limit.

J = Value is estimated.

N = Presumptive evidence of presence of material (tentative identification).

JQ = The reported concentration is between the limit of quantitation/reporting limit (LOQ/RL) and method detection limit (MDL) and is considered an estimated value.

**TABLE 2-2**  
**Tier 1 Evaluation - Step 1**  
**Screening of Detected Non-PCB Constituents in Soil Based on Potential Laboratory Contamination**  
**Area-Wide Non-PCB Constituent Screening Evaluation**  
**(Constituents in bold retained for further evaluation)**

Detected Constituents Potentially Associated with Laboratory Contamination <sup>(a)</sup>	All Depths			Rationale for Exclusion or Further Evaluation
	J & B Flags	Total Detects	Percent flagged	
<b>Acetone</b>	44	89	49%	(1)
<b>2-Butanone (Methyl ethyl ketone)</b>	39	53	74%	(1)
<b>Carbon disulfide</b>	2	3	67%	(1)
Methylene chloride	2	2	100%	(2)
Toluene	4	4	100%	(2)
<b>bis(2-Ethylhexyl)phthalate</b>	4	22	18%	(1)
<b>Butyl benzyl phthalate</b>	3	5	60%	(1)
<b>Diethyl phthalate</b>	0	1	0%	(1)
<b>Di-n-butyl phthalate</b>	4	9	44%	(1)

Notes:

(a) For those constituents potentially associated with laboratory contamination, the following rule was applied: If the detected value is J or B flagged and the result is less than the reporting limit, the sample is considered a non-detect. If the result is J or B flagged and the value is above the reporting limit the sample is considered a detect.

Data Flags:

J = Value is estimated.

B (organic) = Analyte found in associated blank as well as in sample.

Rationale Criteria:

(1) Constituent retained for further evaluation because less than 90 percent of the samples are flagged.

(2) Constituent eliminated from further evaluation due to the high incidence of J or B flagged data (greater than 90 percent); The high rate of estimated and/or potentially biased data for these common sampling or laboratory contaminants may be an indication of field sampling or analytical bias.

Prepared By/Date: SAG 12/3/14

Checked By/Date: NSR 12/4/14

**TABLE 2-3**  
**Tier 1 Evaluation - Step 2**  
**Screening of Detected Non-PCB Constituents in Soil Based on Frequency of Detection**  
**Area-Wide Non-PCB Constituent Screening Evaluation**  
**(Constituents in bold retained for further evaluation)**

Constituent <sup>(a)</sup>	Number of Detects	Number of Samples	Frequency of Detection (FOD)	Units	Minimum Detected Concentration	Maximum Detected Concentration	Arithmetic Mean /Kaplan Meier Mean Concentration <sup>(b)</sup>	Additional Screening Needed? (Yes/No)	Rationale for Exclusion or Additional Screening
<u>Inorganics/Metals</u>									
<b>Aluminum</b>	50	50	100%	mg/kg	1,300	28,800	9,469	<b>Yes</b>	(2)
Antimony	1	50	2%	mg/kg	0.85 J	0.85 J	0.85	No	(1)
<b>Arsenic</b>	50	50	100%	mg/kg	2.2	57.4	13.3	<b>Yes</b>	(2)
<b>Barium</b>	50	50	100%	mg/kg	10.9 J	747	234	<b>Yes</b>	(2)
<b>Beryllium</b>	49	50	98%	mg/kg	0.048 JQ	1.1	0.467	<b>Yes</b>	(2)
<b>Cadmium</b>	43	50	86%	mg/kg	0.13 J	13.5	3.72	<b>Yes</b>	(2)
<b>Calcium</b>	50	50	100%	mg/kg	866	132,000 J	30,219	<b>Yes</b>	(2)
<b>Chromium</b>	50	50	100%	mg/kg	4.0 J	449	120	<b>Yes</b>	(2)
<b>Cobalt</b>	50	50	100%	mg/kg	1.3 JQ	16.3 J	6.42	<b>Yes</b>	(2)
<b>Copper</b>	50	50	100%	mg/kg	1.5 J	390	124	<b>Yes</b>	(2)
<b>Cyanide</b>	4	12	33%	mg/kg	0.23 B	1.5	0.293	<b>Yes</b>	(2)
<b>Iron</b>	50	50	100%	mg/kg	4,660 J	71,300	17,042	<b>Yes</b>	(2)
<b>Lead</b>	50	50	100%	mg/kg	2.9	1,200	318	<b>Yes</b>	(2)
<b>Magnesium</b>	50	50	100%	mg/kg	768 B	43,600	7,071	<b>Yes</b>	(2)
<b>Manganese</b>	50	50	100%	mg/kg	70.6 J	2,760	482	<b>Yes</b>	(2)
<b>Mercury</b>	159	172	92%	mg/kg	0.0090	16.3	1.24	<b>Yes</b>	(2)
<b>Nickel</b>	50	50	100%	mg/kg	2.8 J	97	29.3	<b>Yes</b>	(2)
<b>Potassium</b>	47	50	94%	mg/kg	116 J	1,750	470	<b>Yes</b>	(2)
<b>Selenium</b>	24	50	48%	mg/kg	0.39 BJ	5.3 J	1.67	<b>Yes</b>	(2)
<b>Silver</b>	25	45	56%	mg/kg	0.33 JQ	7.0	1.78	<b>Yes</b>	(2)
<b>Sodium</b>	42	50	84%	mg/kg	27.1 J	740 JQ	139	<b>Yes</b>	(2)
Thallium	3	50	6%	mg/kg	0.41 J	1.0 J	0.434	No	(1)
<b>Vanadium</b>	50	50	100%	mg/kg	4.0 J	32.4	17.4	<b>Yes</b>	(2)
<b>Zinc</b>	50	50	100%	mg/kg	9.8 J	1,010	308	<b>Yes</b>	(2)
<u>Volatile Organic Compounds</u>									
<b>Acetone</b>	89	151	59%	µg/kg	6.0	1,600 J	140.4	<b>Yes</b>	(2)
<b>Acetophenone</b>	6	38	16%	µg/kg	15 JQ	33 J	23	<b>Yes</b>	(2)
<b>Benzaldehyde</b>	24	38	63%	µg/kg	18 JQ	340 JQ	85.5	<b>Yes</b>	(2)
<b>2-Butanone (Methyl ethyl ketone)</b>	53	151	35%	µg/kg	8.1	420 J	37.28	<b>Yes</b>	(2)
Carbon disulfide	3	151	2%	µg/kg	16	24 J	0.963	No	(1)
Isophorone	1	50	2%	µg/kg	1,500	1,500	239	No	(1)
<b>Xylenes, Total</b>	9	151	6%	µg/kg	1.2 J	5.3 J	3.22	No	(1)

**TABLE 2-3**  
**Tier 1 Evaluation - Step 2**  
**Screening of Detected Non-PCB Constituents in Soil Based on Frequency of Detection**  
**Area-Wide Non-PCB Constituent Screening Evaluation**  
**(Constituents in bold retained for further evaluation)**

Constituent <sup>(a)</sup>	Number of Detects	Number of Samples	Frequency of Detection (FOD)	Units	Minimum Detected Concentration	Maximum Detected Concentration	Arithmetic Mean /Kaplan Meier Mean Concentration <sup>(b)</sup>	Additional Screening Needed? (Yes/No)	Rationale for Exclusion or Additional Screening
<u>Semi-Volatile Organic Compounds</u>									
<b>bis(2-Ethylhexyl)phthalate</b>	22	50	44%	µg/kg	24	2,300	243.5	Yes	(2)
Butyl benzyl phthalate	5	50	10%	µg/kg	24	150 J	74.39	No	(1)
Dibenzo(a,h)anthracene	1	50	2%	µg/kg	48 JQ	48 JQ	48	No	(1)
Diethyl phthalate	1	50	2%	µg/kg	18	18	18	No	(1)
<b>Di-n-butyl phthalate</b>	9	50	18%	µg/kg	30	2,900	153.6	Yes	(2)
Caprolactam	2	38	5%	µg/kg	300	2,300	279	No	(1)
Carbazole	5	50	10%	µg/kg	11 JQ	62 JQ	44.2	No	(1)
Dibenzofuran	4	50	8%	µg/kg	13 JQ	25 J	17.0	No	(1)
Phenol	1	50	2%	µg/kg	250 JQ	250 JQ	217	No	(1)
<u>Petroleum Aromatic Hydrocarbons</u>									
<b>Acenaphthene</b>	6	50	12%	µg/kg	8 JQ	24 JQ	18.7	Yes	(2)
<b>Acenaphthylene</b>	13	50	26%	µg/kg	11 JQ	62 JQ	29.2	Yes	(2)
<b>Anthracene</b>	20	50	40%	µg/kg	11 JQ	400 J	59.4	Yes	(2)
<b>Benzo(a)anthracene</b>	37	50	74%	µg/kg	19	730	182	Yes	(2)
<b>Benzo(a)pyrene</b>	26	50	52%	µg/kg	48 JQ	720	192	Yes	(2)
<b>Benzo(b)fluoranthene</b>	34	50	68%	µg/kg	34	1,100	237	Yes	(2)
<b>Benzo(g,h,i)perylene</b>	28	50	56%	µg/kg	22	540	141	Yes	(2)
<b>Benzo(k)fluoranthene</b>	31	50	62%	µg/kg	35	490	166	Yes	(2)
<b>Chrysene</b>	38	50	76%	µg/kg	33	680	232	Yes	(2)
<b>Fluoranthene</b>	44	50	88%	µg/kg	14	1,300	294	Yes	(2)
<b>Fluorene</b>	7	50	14%	µg/kg	18 JQ	130	54.4	Yes	(2)
<b>Indeno(1,2,3-cd)pyrene</b>	18	50	36%	µg/kg	52	620	239	Yes	(2)
<b>2-Methylnaphthalene</b>	21	50	42%	µg/kg	6.2 JQ	290	53.7	Yes	(2)
<b>Naphthalene</b>	7	50	14%	µg/kg	8.7 JQ	53	24.2	Yes	(2)
<b>Phenanthrene</b>	39	50	78%	µg/kg	13	1,300	199	Yes	(2)
<b>Pyrene</b>	45	50	90%	µg/kg	21	1,500	346	Yes	(2)
<u>Pesticides</u>									
<b>Aldrin</b>	11	50	22%	µg/kg	6.2 JQ	440	23.1	Yes	(2)
<b>alpha-BHC</b>	7	50	14%	µg/kg	0.35 J	8.5 J	1.67	Yes	(2)
<b>beta-BHC</b>	9	47	19%	µg/kg	0.36 J	100 JN	4.68	Yes	(2)
<b>delta-BHC</b>	15	50	30%	µg/kg	0.96 JQ	61	9.48	Yes	(2)
<b>gamma-BHC (Lindane)</b>	9	50	18%	µg/kg	0.92 JQ	49 JN	3.25	Yes	(2)
Chlordane (technical)	2	38	5%	µg/kg	480	2,300	94.1	No	(1)
<b>alpha-Chlordane</b>	20	49	41%	µg/kg	0.14 J	30 J	4.62	Yes	(2)
<b>beta-Chlordane</b>	6	31	19%	µg/kg	2.2	42 JN	3.92	Yes	(2)
<b>gamma-Chlordane</b>	12	17	71%	µg/kg	4.3 JQ	150	43.3	Yes	(2)

**TABLE 2-3**  
**Tier 1 Evaluation - Step 2**  
**Screening of Detected Non-PCB Constituents in Soil Based on Frequency of Detection**  
**Area-Wide Non-PCB Constituent Screening Evaluation**  
**(Constituents in bold retained for further evaluation)**

Constituent <sup>(a)</sup>	Number of Detects	Number of Samples	Frequency of Detection (FOD)	Units	Minimum Detected Concentration	Maximum Detected Concentration	Arithmetic Mean /Kaplan Meier Mean Concentration <sup>(b)</sup>	Additional Screening Needed? (Yes/No)	Rationale for Exclusion or Additional Screening
<b>4,4'-DDD</b>	29	49	59%	µg/kg	0.46 J	160	20.1	<b>Yes</b>	(2)
<b>4,4'-DDE</b>	35	50	70%	µg/kg	0.47 J	190	30.8	<b>Yes</b>	(2)
<b>4,4'-DDT</b>	20	48	42%	µg/kg	3.4 J	340	47.4	<b>Yes</b>	(2)
<b>Dieldrin</b>	18	49	37%	µg/kg	2.1 J	130	18.1	<b>Yes</b>	(2)
<b>Endosulfan I</b>	7	50	14%	µg/kg	0.23 J	17 JQ	1.89	<b>Yes</b>	(2)
Endosulfan II	1	50	2%	µg/kg	2.6 J	2.6 J	2.60	No	(1)
Endosulfan sulfate	1	50	2%	µg/kg	7.7 J	7.7 J	3.70	No	(1)
Endrin	4	49	8%	µg/kg	0.64 J	33	2.93	No	(1)
<b>Endrin aldehyde</b>	10	50	20%	µg/kg	9.8 JQ	94	10.4	<b>Yes</b>	(2)
Endrin ketone	4	50	8%	µg/kg	2.7 JQ	26 JQ	4.18	No	(1)
<b>Heptachlor</b>	12	50	24%	µg/kg	0.93 J	260 JQ	13.9	<b>Yes</b>	(2)
<b>Heptachlor Epoxide</b>	15	50	30%	µg/kg	2.0 J	280	26.1	<b>Yes</b>	(2)
<b>Methoxychlor</b>	15	50	30%	µg/kg	8.0 JQ	190 JQ	35.5	<b>Yes</b>	(2)
Toxaphene	1	50	2%	µg/kg	1,700	1,700	90.3	No	(1)
<u>Dioxins/Furans</u>									
<b>TCDD TEQ</b>	39	39	100%	ng/kg	0.042	1,071	162	<b>Yes</b>	(2)

Notes:

(a) Includes detected constituents in soil not eliminated due to potential association with laboratory contamination  
(b) Arithmetic Mean/Kaplan-Meier (KM) Mean calculated using USEPA's statistical program ProUCL (Version 5.0)  
mg/kg = milligram per kilogram  
µg/kg = microgram per kilogram  
ng/kg = nanograms per kilogram  
TCDD TEQ = Toxicity Equivalence Quotient for 2,3,7,8-TCDD  
≤ = less than or equal to

Data Flags:

B (organic) = Analyte found in associated blank as well as in sample  
B (inorganic) = Result treated as estimated detected value less than the contract required detection limit but greater than the instrument detection limit  
J = Value is estimated.  
N = Presumptive evidence of presence of material (tentative identification)  
JQ = The reported concentration is between the limit of quantitation/reporting limit and method detection limit and is considered an estimated value.

Rationale Criteria:

(1) Constituent was eliminated from further evaluation due to low frequency of detection ≤ 10 percent) because infrequently detected constituents are unlikely to be associated with potential risks to site receptors.  
(2) Constituent retained for further evaluation due to a frequency of detection greater than 10 percent

Prepared By/Date: MKB 12/2/14  
Checked By/Date: NSR 12/8/14

**TABLE 2-4**  
**Tier 1 Evaluation - Step 3A**  
**Human Health Screening of Detected Non-PCB Constituents in Soil**  
**Area-Wide Non-PCB Constituent Screening Evaluation**  
**(Constituents in bold retained for further evaluation)**

Constituent <sup>(a)</sup>	Maximum Detected Concentration (MDC)	Arithmetic Mean /Kaplan Meier Mean Concentration <sup>(b)</sup>	Tier 1 Human Health Screening Levels <sup>(c)</sup>			MDC > Lowest Tier 1 Human Health Screening Level? (Yes/No)	Additional Screening Needed? (Yes/No)	Rationale
			Michigan Volatile Soil Inhalation Screening Level	Michigan Particulate Soil Inhalation Screening Level	Michigan Direct Contact Screening Level			
<u>Inorganics/Metals</u>								
Aluminum	28,800	9,469	NA	NA	5.00E+04	No	No	(1)
Arsenic	57.4	13.3	NA	7.20E+02	7.60E+00	Yes	Yes	(2)
Barium	747	234	NA	3.30E+05	3.70E+04	No	No	(1)
Beryllium	1.1	0.467	NA	1.30E+03	4.10E+02	No	No	(1)
Cadmium	13.5	3.72	NA	1.70E+03	5.50E+02	No	No	(1)
Calcium	132,000 J	30,219	NA	NA	NA	NA	No	(3)
Chromium <sup>(d)</sup>	449	120	NA	2.60E+02	2.50E+06	Yes	Yes	(2)
Cobalt	16.3 J	6.42	NA	1.30E+04	2.60E+03	No	No	(1)
Copper	390	124	NA	1.30E+05	2.00E+04	No	No	(1)
Cyanide	1.5	0.293	NA	2.50E+02	1.20E+04	No	No	(1)
Iron	71,300	17,042	NA	NA	1.60E+05	No	No	(1)
Lead	1,200	318	NA	1.00E+05	4.00E+02	Yes	Yes	(2)
Magnesium	43,600	7,071	NA	6.70E+06	1.00E+06	No	No	(1)
Manganese	2,760	482	NA	3.30E+03	2.50E+04	No	No	(1)
Mercury	16.3	1.24	5.20E+01	2.00E+04	1.60E+02	No	No	(1)
Nickel	97	29.3	NA	1.30E+04	4.00E+04	No	No	(1)
Potassium	1,750	470	NA	NA	NA	NA	No	(3)
Selenium	5.3 J	1.67	NA	1.30E+05	2.60E+03	No	No	(1)
Silver	7.0	1.78	NA	6.70E+03	2.50E+03	No	No	(1)
Sodium	740 JQ	139	NA	NA	1.00E+06	No	No	(1)
Vanadium	32.4	17.4	NA	NA	7.50E+02	No	No	(1)
Zinc	1,010	308	NA	NA	1.70E+05	No	No	(1)
<u>Volatile Organic Compounds</u>								
Acetone	1,600 J	140.4	1.30E+08	3.90E+11	2.30E+07	No	No	(1)
Acetophenone	33 J	23	4.40E+07	3.30E+10	4.70E+07	No	No	(1)
Benzaldehyde	340 JQ	85.5	NA	NA	NA	NA	No	(4)
2-Butanone (Methyl ethyl ketone)	420 J	37.28	2.90E+07	6.70E+10	1.20E+08	No	No	(1)

**TABLE 2-4**  
**Tier 1 Evaluation - Step 3A**  
**Human Health Screening of Detected Non-PCB Constituents in Soil**  
**Area-Wide Non-PCB Constituent Screening Evaluation**  
**(Constituents in bold retained for further evaluation)**

Constituent <sup>(a)</sup>	Maximum Detected Concentration (MDC)	Arithmetic Mean /Kaplan Meier Mean Concentration <sup>(b)</sup>	Tier 1 Human Health Screening Levels <sup>(c)</sup>			MDC > Lowest Tier 1 Human Health Screening Level? (Yes/No)	Additional Screening Needed? (Yes/No)	Rationale
			Michigan Volatile Soil Inhalation Screening Level	Michigan Particulate Soil Inhalation Screening Level	Michigan Direct Contact Screening Level			
<u>Semi-Volatile Organic Compounds</u>								
bis(2-Ethylhexyl)phthalate	2,300	243.5	NA	7.00E+08	2.80E+06	No	No	(1)
Di-n-butyl phthalate	2,900	153.6	NA	3.30E+09	2.70E+07	No	No	(1)
<u>Polycyclic Aromatic Hydrocarbons</u>								
Acenaphthene	24 JQ	18.7	8.10E+07	1.40E+10	4.10E+07	No	No	(1)
Acenaphthylene	62 JQ	29.2	2.20E+06	2.30E+09	1.60E+06	No	No	(1)
Anthracene	400 J	59.4	1.40E+09	6.70E+10	2.30E+08	No	No	(1)
Benzo(a)anthracene	730	182	NA	NA	2.00E+04	No	No	(1)
Benzo(a)pyrene	720	192	NA	1.50E+06	2.00E+03	No	No	(1)
Benzo(b)fluoranthene	1,100	237	NA	NA	2.00E+04	No	No	(1)
Benzo(g,h,i)perylene	540	141	NA	8.00E+08	2.50E+06	No	No	(1)
Benzo(k)fluoranthene	490	166	NA	NA	2.00E+05	No	No	(1)
Chrysene	680	232	NA	NA	2.00E+06	No	No	(1)
Fluoranthene	1,300	294	7.40E+08	9.30E+09	4.60E+07	No	No	(1)
Fluorene	130	54.4	1.30E+08	9.30E+09	2.70E+07	No	No	(1)
Indeno(1,2,3-cd)pyrene	620	239	NA	NA	2.00E+04	No	No	(1)
2-Methylnaphthalene	290	53.7	1.50E+06	6.70E+08	8.10E+06	No	No	(1)
Naphthalene	53	24.2	3.00E+05	2.00E+08	1.60E+07	No	No	(1)
Phenanthrene	1,300	199	1.60E+05	6.70E+06	1.60E+06	No	No	(1)
Pyrene	1,500	346	6.50E+08	6.70E+09	2.90E+07	No	No	(1)
<u>Pesticides</u>								
Aldrin	440	23.1	5.80E+04	6.40E+05	1.00E+03	No	No	(1)
alpha-BHC	8.5 J	1.67	1.20E+04	1.70E+06	2.60E+03	No	No	(1)
beta-BHC	100 JN	4.68	NA	5.90E+06	5.40E+03	No	No	(1)
delta-BHC <sup>(e)</sup>	61	9.48	1.20E+04	1.70E+06	2.60E+03	No	No	(1)
gamma-BHC (Lindane)	49 JN	3.25	NA	NA	8.30E+03	No	No	(1)
alpha-Chlordane <sup>(f)</sup>	30 J	4.62	1.20E+06	3.10E+07	3.10E+04	No	No	(1)
beta-Chlordane <sup>(f)</sup>	42 JN	3.92	1.20E+06	3.10E+07	3.10E+04	No	No	(1)
gamma-Chlordane <sup>(f)</sup>	150	43.3	1.20E+06	3.10E+07	3.10E+04	No	No	(1)
4,4'-DDD	160	20.1	NA	4.40E+07	9.50E+04	No	No	(1)
4,4'-DDE	190	30.8	NA	3.20E+07	4.50E+04	No	No	(1)
4,4'-DDT	340	47.4	NA	3.20E+07	5.70E+04	No	No	(1)
Dieldrin	130	18.1	1.90E+04	6.80E+05	1.10E+03	No	No	(1)



**TABLE 2-4**  
**Tier 1 Evaluation - Step 3A**  
**Human Health Screening of Detected Non-PCB Constituents in Soil**  
**Area-Wide Non-PCB Constituent Screening Evaluation**  
**(Constituents in bold retained for further evaluation)**

Constituent <sup>(a)</sup>	Maximum Detected Concentration (MDC)	Arithmetic Mean /Kaplan Meier Mean Concentration <sup>(b)</sup>	Tier 1 Human Health Screening Levels <sup>(c)</sup>			MDC > Lowest Tier 1 Human Health Screening Level? (Yes/No)	Additional Screening Needed? (Yes/No)	Rationale
			Michigan Volatile Soil Inhalation Screening Level	Michigan Particulate Soil Inhalation Screening Level	Michigan Direct Contact Screening Level			
Endosulfan I	17 JQ	1.89	NA	NA	1.40E+06	No	No	(1)
Endrin aldehyde <sup>(g)</sup>	94	10.4	NA	NA	6.50E+04	No	No	(1)
Heptachlor	260 JQ	13.9	6.20E+04	2.40E+06	5.60E+03	No	No	(1)
Heptachlor Epoxide	280	26.1	NA	1.20E+06	3.10E+03	No	No	(1)
Methoxychlor	190 JQ	35.5	NA	NA	1.90E+06	No	No	(1)
<u>Dioxins/Furans</u>								
<b>TCDD TEQ</b>	1,071	162	NA	7.10E+04	9.00E+01	Yes	<b>Yes</b>	(2)

Notes:

- (a) Includes detected constituents in soil with a FOD greater than 10 percent.  
 (b) Arithmetic Mean/Kaplan-Meier (KM) Mean calculated using USEPA's statistical program ProUCL (Version 5.0).  
 (c) Michigan Department of Environmental Quality, 2013. Table 2. Soil: Residential Part 201 Generic Cleanup Criteria and Screening Levels/Part 213 Risk-Based Screening Levels. December 30, 2013.  
 (d) Screening values for Chromium VI.  
 (e) Screening values for lowest available BHC screening values (alpha-BHC).  
 (f) Screening values for Chlordane.  
 (g) Screening values for Endrin.  
 FOD = Frequency of Detection  
 MDC = Maximum Detected Concentration  
 mg/kg = milligram per kilogram  
 µg/kg = microgram per kilogram  
 ng/kg = nanograms per kilogram  
 NA= Not available  
 TCDD TEQ = Toxicity Equivalence Quotient for 2,3,7,8-TCDD  
 > = greater than

Data Flags:

- J = Value is estimated.  
 N = Presumptive evidence of presence of material (tentative identification).  
 JQ = The reported concentration is between the limit of quantitation/reporting limit (LOQ/RL) and method detection limit (MDL) and is considered an estimated value.

Rationale Criteria:

- (1) Constituent eliminated from further evaluation because the maximum detected concentration is below the lowest Tier 1 human health screening level.  
 (2) Constituent retained for further evaluation because the maximum detected concentration is above the lowest Tier 1 human health screening level.  
 (3) Constituent eliminated from further evaluation because it is considered a non-toxic essential nutrient.  
 (4) Constituent eliminated from further evaluation because a Tier 1 human health screening level is not available.

PREPARED BY/DATE: MKB 12/2/14  
CHECKED BY/DATE: NSR 12/8/14

TABLE 2-5  
Tier 1 Evaluation - Step 3B  
Ecological Screening of Detected Non-PCB Constituents in Soil  
Area-Wide Non-PCB Constituent Screening Evaluation  
(Constituents in bold retained for further evaluation)

Constituent <sup>(a)</sup>	Maximum Detected Concentration (MDC)	Arithmetic Mean /Kaplan Meier Mean Concentration <sup>(b)</sup>	Tier 1 Ecological Soil Screening Level- USEPA Region 5 <sup>(c)</sup>	MDC > Tier 1 Ecological Screening Level? (Yes/No)	Additional Screening Needed? (Yes/No)	Rationale
<u>Inorganics/Metals</u>						
Aluminum	28,800	9,469	5.00E+01 (d)	Yes	Yes	(2)
Arsenic	57.4	13.3	5.70E+00	Yes	Yes	(2)
Barium	747	234	1.04E+00	Yes	Yes	(2)
Beryllium	1.1	0.467	1.06E+00	Yes	Yes	(2)
Cadmium	13.5	3.72	2.22E-03	Yes	Yes	(2)
Calcium	132,000 J	30,219	NA	NA	No	(3)
Chromium	449	120	4.00E-01	Yes	Yes	(2)
Cobalt	16.3 J	6.42	1.40E-01	Yes	Yes	(2)
Copper	390	124	5.40E+00	Yes	Yes	(2)
Cyanide	1.5	0.293	1.33E+00	Yes	Yes	(2)
Iron	71,300	17,042	NA	NA	No	(3)
Lead	1,200	318	5.37E-02	Yes	Yes	(2)
Magnesium	43,600	7,071	NA	NA	No	(3)
Manganese	2,760	482	2.20E+02 (e)	Yes	Yes	(2)
Mercury	16.3	1.24	1.00E-01	Yes	Yes	(2)
Nickel	97	29.3	1.36E+01	Yes	Yes	(2)
Potassium	1,750	470	NA	NA	No	(3)
Selenium	5.3 J	1.67	2.76E-02	Yes	Yes	(2)
Silver	7.0	1.78	4.04E+00	Yes	Yes	(2)
Sodium	740 JQ	139	NA	NA	No	(3)
Vanadium	32.4	17.4	1.59E+00	Yes	Yes	(2)
Zinc	1,010	308	6.62E+00	Yes	Yes	(2)
<u>Volatile Organic Compounds</u>						
Acetone	1,600 J	140.4	2.50E+03	No	No	(1)
Acetophenone	33 J	23	3.00E+05	No	No	(1)
Benzaldehyde	340 JQ	85.5	NA	NA	No	(4)
2-Butanone (Methyl ethyl ketone)	420 J	37.28	8.96E+04	No	No	(1)
<u>Semi-Volatile Organic Compounds</u>						
<b>bis(2-Ethylhexyl)phthalate</b>	2,300	243.5	9.25E+02	Yes	Yes	(2)
<b>Di-n-butyl phthalate</b>	2,900	153.6	1.50E+02	Yes	Yes	(2)
<u>Polycyclic Aromatic Hydrocarbons</u>						
Acenaphthene	24 JQ	18.7	6.82E+05	No	No	(1)
Acenaphthylene	62 JQ	29.2	6.82E+05	No	No	(1)
Anthracene	400 J	59.4	1.48E+06	No	No	(1)
Benzo(a)anthracene	730	182	5.21E+03	No	No	(1)
Benzo(a)pyrene	720	192	1.52E+03	No	No	(1)
Benzo(b)fluoranthene	1,100	237	5.98E+04	No	No	(1)
Benzo(g,h,i)perylene	540	141	1.19E+05	No	No	(1)
Benzo(k)fluoranthene	490	166	1.48E+05	No	No	(1)
Chrysene	680	232	4.73E+03	No	No	(1)
Fluoranthene	1,300	294	1.22E+05	No	No	(1)
Fluorene	130	54.4	1.22E+05	No	No	(1)
Indeno(1,2,3-cd)pyrene	620	239	1.09E+05	No	No	(1)
2-Methylnaphthalene	290	53.7	3.24E+03	No	No	(1)
Naphthalene	53	24.2	9.94E+01	No	No	(1)
Phenanthrene	1,300	199	4.57E+04	No	No	(1)
Pyrene	1,500	346	7.85E+04	No	No	(1)

TABLE 2-5  
Tier 1 Evaluation - Step 3B  
Ecological Screening of Detected Non-PCB Constituents in Soil  
Area-Wide Non-PCB Constituent Screening Evaluation  
(Constituents in bold retained for further evaluation)

Constituent <sup>(a)</sup>	Maximum Detected Concentration (MDC)	Arithmetic Mean /Kaplan Meier Mean Concentration <sup>(b)</sup>	Tier 1 Ecological Soil Screening Level- USEPA Region 5 <sup>(c)</sup>	MDC > Tier 1 Ecological Screening Level? (Yes/No)	Additional Screening Needed? (Yes/No)	Rationale
<b>Pesticides</b>						
<b>Aldrin</b>	440	23.1	3.32E+00	Yes	<b>Yes</b>	(2)
alpha-BHC	8.5 J	1.67	9.94E+01	No	No	(1)
<b>beta-BHC</b>	100 JN	4.68	3.98E+00	Yes	<b>Yes</b>	(2)
delta-BHC	61	9.48	9.94E+03	No	No	(1)
<b>gamma-BHC (Lindane)</b>	49 JN	3.25	5.00E+00	Yes	<b>Yes</b>	(2)
alpha-Chlordane <sup>(f)</sup>	30 J	4.62	2.24E+02	No	No	(1)
beta-Chlordane <sup>(f)</sup>	42 JN	3.92	2.24E+02	No	No	(1)
gamma-Chlordane <sup>(f)</sup>	150	43.3	2.24E+02	No	No	(1)
4,4'-DDD	160	20.1	7.58E+02	No	No	(1)
4,4'-DDE	190	30.8	5.96E+02	No	No	(1)
<b>4,4'-DDT</b>	340	47.4	3.50E+00	Yes	<b>Yes</b>	(2)
<b>Dieldrin</b>	130	18.1	2.38E+00	Yes	<b>Yes</b>	(2)
Endosulfan I	17 JQ	1.89	1.19E+02	No	No	(1)
<b>Endrin aldehyde</b>	94	10.4	1.05E+01	Yes	<b>Yes</b>	(2)
<b>Heptachlor</b>	260 JQ	13.9	5.98E+00	Yes	<b>Yes</b>	(2)
<b>Heptachlor Epoxide</b>	280	26.1	1.52E+02	Yes	<b>Yes</b>	(2)
<b>Methoxychlor</b>	190 JQ	35.5	1.99E+01	Yes	<b>Yes</b>	(2)
<b>Dioxins/Furans</b>						
<b>TCDD TEQ</b>	1,071	162	1.99E-01	Yes	<b>Yes</b>	(2)

Notes:

- (a) Includes detected constituents in soil not potentially associated with laboratory contamination and constituents with a FOD greater than 10%  
(b) Arithmetic Mean/Kaplan-Meier (KM) Mean calculated using USEPA's statistical program ProUCL (Version 5.0).  
(c) USEPA, 2003. USEPA Region 5 RCRA Ecological Screening Levels. August 22, 2003.  
(d) USEPA Region 5 RCRA screening level not available; ORNL plant value source: Efroymsen, R.A., M.E. Will, G.W. Suter II, and A.C. Wooten. 1997. *Toxicological Benchmarks for Screening Contaminants of Potential Concern for Effects on Terrestrial Plants: 1997 Revision*. Prepared for the U.S. Department of Energy, Office of Environmental Management by Lockheed Martin Energy Systems, Inc. managing the Oak Ridge National Laboratory (ORNL). ORNL publication. ES/ER/TM-85/R3. November 1997. <http://www.esd.ornl.gov/programs/ecorisk/documents/tm85r3.pdf>.  
(e) USEPA Region 5 RCRA screening level not available; Ecological Soil Screening Level (Eco-SSL) plant value source: USEPA, 1997. *Ecological Soil Screening Levels for Manganese, Interim Final*. OSWER Directive 9285.7-71. April 1997.  
(f) Screening value for Chlordane.  
MDC = Maximum Detected Concentration  
mg/kg = milligram per kilogram  
µg/kg = microgram per kilogram  
ng/kg = nanograms per kilogram  
NA= Not available  
TCDD TEQ = Toxicity Equivalence Quotient for 2,3,7,8-TCDD  
> = greater than

Data Flags:

- J = Value is estimated.  
N = Presumptive evidence of presence of material (tentative identification).  
JQ = The reported concentration is between the limit of quantitation/reporting limit (LOQ/RL) and method detection limit (MDL) and is considered an estimated value.

Rationale Criteria:

- (1) Constituent eliminated from further evaluation because the maximum detected concentration is below the Tier 1 ecological screening level.  
(2) Constituent retained for further evaluation because the maximum detected concentration is above the Tier 1 ecological screening level.  
(3) Constituent eliminated from further evaluation because it is considered a non-toxic essential nutrient.  
(4) Constituent eliminated from further evaluation because a Tier 1 ecological screening level is not available.

**TABLE 2-6**  
**Tier 1 Evaluation - Step 4**  
**Background Screening of Detected Non-PCB Inorganic Constituents in Soil**  
**Area-Wide Non-PCB Constituent Screening Evaluation**  
(Constituents in bold have mean concentrations above default background values. Inorganic constituents above background or without background values retained for further evaluation)

Constituent <sup>(a)</sup>	Arithmetic Mean /Kaplan Meier Mean Concentration <sup>(b)</sup>	Michigan Statewide Default Background Level for Soil <sup>(c)</sup>	Mean Concentration > Default Background Level? (Yes/No)	Retained for Tier 2 Screening? (Yes/No)	Rationale
<u>Inorganics/Metals</u>					
<b>Aluminum</b>	9,469	6,900	<b>Yes</b>	<b>Yes</b>	(2)
<b>Arsenic</b>	13.3	5.8	<b>Yes</b>	<b>Yes</b>	(2)
<b>Barium</b>	234	75	<b>Yes</b>	<b>Yes</b>	(2)
<b>Beryllium</b>	0.467	NA	NA	<b>Yes</b>	(3)
<b>Cadmium</b>	3.72	1.2	<b>Yes</b>	<b>Yes</b>	(2)
<b>Chromium</b>	120	18	<b>Yes</b>	<b>Yes</b>	(2)
Cobalt	6.42	6.8	No	No	(1)
<b>Copper</b>	124	32	<b>Yes</b>	<b>Yes</b>	(2)
Cyanide	0.293	0.39	No	No	(1)
<b>Lead</b>	318	21	<b>Yes</b>	<b>Yes</b>	(2)
<b>Manganese</b>	482	440	<b>Yes</b>	<b>Yes</b>	(2)
<b>Mercury</b>	1.24	0.13	<b>Yes</b>	<b>Yes</b>	(2)
<b>Nickel</b>	29.3	20	<b>Yes</b>	<b>Yes</b>	(2)
<b>Selenium</b>	1.67	0.41	<b>Yes</b>	<b>Yes</b>	(2)
<b>Silver</b>	1.78	1	<b>Yes</b>	<b>Yes</b>	(2)
<b>Vanadium</b>	17.4	NA	NA	<b>Yes</b>	(3)
<b>Zinc</b>	308	47	<b>Yes</b>	<b>Yes</b>	(2)
<u>Semi-Volatile Organic Compounds</u>					
<b>bis(2-Ethylhexyl)phthalate</b>	243.5	NA	NA	<b>Yes</b>	(3)
<b>Di-n-butyl phthalate</b>	153.6	NA	NA	<b>Yes</b>	(3)

**TABLE 2-6**  
**Tier 1 Evaluation - Step 4**  
**Background Screening of Detected Non-PCB Inorganic Constituents in Soil**  
**Area-Wide Non-PCB Constituent Screening Evaluation**  
(Constituents in bold have mean concentrations above default background values. Inorganic constituents above background or without background values retained for further evaluation)

Constituent <sup>(a)</sup>	Arithmetic Mean /Kaplan Meier Mean Concentration <sup>(b)</sup>	Michigan Statewide Default Background Level for Soil <sup>(c)</sup>	Mean Concentration > Default Background Level? (Yes/No)	Retained for Tier 2 Screening? (Yes/No)	Rationale
<u>Pesticides</u>					
<b>Aldrin</b>	23.1	NA	NA	<b>Yes</b>	(3)
<b>beta-BHC</b>	4.68	NA	NA	<b>Yes</b>	(3)
<b>gamma-BHC (Lindane)</b>	3.25	NA	NA	<b>Yes</b>	(3)
<b>4,4'-DDT</b>	47.4	NA	NA	<b>Yes</b>	(3)
<b>Dieldrin</b>	18.1	NA	NA	<b>Yes</b>	(3)
<b>Endrin aldehyde</b>	10.4	NA	NA	<b>Yes</b>	(3)
<b>Heptachlor</b>	13.9	NA	NA	<b>Yes</b>	(3)
<b>Heptachlor Epoxide</b>	26.1	NA	NA	<b>Yes</b>	(3)
<b>Methoxychlor</b>	35.5	NA	NA	<b>Yes</b>	(3)
<u>Dioxins/Furans</u>					
<b>TCDD TEQ</b>	162	NA	NA	<b>Yes</b>	(3)

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Notes:

Constituents above background or without background values retained for further evaluation.

(a) Includes detected inorganic constituents in soil with a FOD greater than 10% and with maximum detected concentrations above the Tier 1 human health and ecological screening levels.

(b) Arithmetic Mean/Kaplan-Meier (KM) Mean calculated using USEPA's statistical program ProUCL (Version 5.0).

(c) Michigan Department of Environmental Quality, 2013. Table 2. Soil: Residential Part 201 Generic Cleanup Criteria and Screening Levels/Part 213 Risk-Based Screening Levels. December 30, 2013.

mg/kg = milligram per kilogram

NA= Not available

TCDD TEQ = Toxicity Equivalence Quotient for 2,3,7,8-TCDD

> = greater than

Rationale Criteria:

(1) Constituent eliminated from further evaluation because the mean concentration is less than the Michigan Statewide Default Background Level for Soil.

(2) Constituent retained for further evaluation because the mean concentration is less than the Michigan Statewide Default Background Level for Soil.

(3) Constituent retained for further evaluation because a Michigan Statewide Default Background Level for Soil is not available.

**TABLE 2-7**  
**Tier 1 Evaluation**  
**Summary of Non-PCB Soil Constituents Retained for Tier 2 Evaluation - Human Health**  
**Area-Wide Non-PCB Constituent Screening Evaluation**  
 (Constituents in bold retained for further evaluation in the Tier 2 human health screening)

Constituent	STEP 1: Eliminated - Potential Lab Contaminant	STEP 2: Eliminated - FOD ≤ 10%	STEP 3: Eliminated - Human Health Tier 1 Screening			STEP 4: Eliminated - Below State Background Level	Retained for Tier 2 Human Health Screening
			Below Screening Level	Essential Nutrient	No Screening Level		
Inorganics/Metals							
Antimony		X					
Thallium		X					
Aluminum			X				
Barium			X				
Beryllium			X				
Cadmium			X				
Cobalt			X				
Copper			X				
Cyanide			X				
Iron			X				
Magnesium			X				
Manganese			X				
Mercury			X				
Nickel			X				
Selenium			X				
Silver			X				
Sodium			X				
Vanadium			X				
Zinc			X				
Calcium				X			
Potassium				X			
Arsenic							X
Chromium							X
Lead							X
Volatile Organic Compounds							
Methylene chloride	X						
Toluene	X						
Carbon disulfide		X					
Isophorone		X					
Xylenes, Total		X					
Acetone			X				
Acetophenone			X				
2-Butanone (Methyl ethyl ketone)			X				
Benzaldehyde					X		
Semi-Volatile Organic Compounds							
Butyl benzyl phthalate		X					
Dibenzo(a,h)anthracene		X					
Diethyl phthalate		X					
Caprolactam		X					
Carbazole		X					
Dibenzofuran		X					
Phenol		X					
bis(2-Ethylhexyl)phthalate			X				
Di-n-butyl phthalate			X				

**TABLE 2-7**  
**Tier 1 Evaluation**  
**Summary of Non-PCB Soil Constituents Retained for Tier 2 Evaluation - Human Health**  
**Area-Wide Non-PCB Constituent Screening Evaluation**  
(Constituents in **bold** retained for further evaluation in the Tier 2 human health screening)

Constituent	STEP 1: Eliminated - Potential Lab Contaminant	STEP 2: Eliminated - FOD ≤ 10%	STEP 3: Eliminated - Human Health Tier 1 Screening			STEP 4: Eliminated - Below State Background Level	Retained for Tier 2 Human Health Screening
			Below Screening Level	Essential Nutrient	No Screening Level		
Polycyclic Aromatic Hydrocarbons							
Acenaphthene			X				
Acenaphthylene			X				
Anthracene			X				
Benzo(a)anthracene			X				
Benzo(a)pyrene			X				
Benzo(b)fluoranthene			X				
Benzo(g,h,i)perylene			X				
Benzo(k)fluoranthene			X				
Chrysene			X				
Fluoranthene			X				
Fluorene			X				
Indeno(1,2,3-cd)pyrene			X				
2-Methylnaphthalene			X				
Naphthalene			X				
Phenanthrene			X				
Pyrene			X				
Pesticides							
Chlordane (technical)		X					
Endosulfan II		X					
Endosulfan sulfate		X					
Endrin		X					
Endrin ketone		X					
Toxaphene		X					
Aldrin			X				
alpha-BHC			X				
beta-BHC			X				
delta-BHC			X				
gamma-BHC (Lindane)			X				
alpha-Chlordane			X				
beta-Chlordane			X				
gamma-Chlordane			X				
4,4'-DDD			X				
4,4'-DDE			X				
4,4'-DDT			X				
Dieldrin			X				
Endosulfan I			X				
Endrin aldehyde			X				
Heptachlor			X				
Heptachlor Epoxide			X				
Methoxychlor			X				
Dioxins/Furans							
TCDD TEQ							X

Notes:

Constituents in **bold** retained for further evaluation in the Tier 2 human health screening.

FOD = Frequency of Detection

TCDD TEQ = Toxicity Equivalence Quotient for 2,3,7,8-TCDD

≤ = less than or equal to

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**TABLE 2-8**  
**Tier 1 Evaluation**  
**Summary of Non-PCB Soil Constituents Selected for Tier 2 Evaluation - Ecological**  
**Area-Wide Non-PCB Constituent Screening Evaluation**  
 (Constituents in bold retained for further evaluation in the Tier 2 ecological screening)

Parameter	STEP 1: Eliminated - Potential Lab Contaminant	STEP 2: Eliminated FOD ≤ 10%	STEP 3: Eliminated - Ecological Tier 1 Screening			STEP 4: Eliminated Below State Background Level	Retained for Tier 2 Ecological Screening
			Below Screening Level	Essential Nutrient	No Screening Level		
Inorganics/Metals							
Antimony		X					
Thallium		X					
Calcium				X			
Iron				X			
Magnesium				X			
Potassium				X			
Sodium				X			
Cobalt						X	
Cyanide						X	
Aluminum							X
Arsenic							X
Barium							X
Beryllium							X
Cadmium							X
Chromium							X
Copper							X
Lead							X
Manganese							X
Mercury							X
Nickel							X
Selenium							X
Silver							X
Vanadium							X
Zinc							X
Volatile Organic Compounds							
Methylene chloride	X						
Toluene	X						
Carbon disulfide		X					
Isophorone		X					
Xylenes, Total		X					
Acetone			X				
Acetophenone			X				
2-Butanone (Methyl ethyl ketone)			X				
Benzaldehyde					X		
Semi-Volatile Organic Compounds							
Butyl benzyl phthalate		X					
Dibenzo(a,h)anthracene		X					
Diethyl phthalate		X					
Caprolactam		X					
Carbazole		X					
Dibenzofuran		X					
Phenol		X					
bis(2-Ethylhexyl)phthalate							X
Di-n-butyl phthalate							X
Polycyclic Aromatic Hydrocarbons							
Acenaphthene			X				
Acenaphthylene			X				
Anthracene			X				
Benzo(a)anthracene			X				
Benzo(a)pyrene			X				
Benzo(b)fluoranthene			X				
Benzo(g,h,i)perylene			X				
Benzo(k)fluoranthene			X				



**TABLE 2-8**  
**Tier 1 Evaluation**  
**Summary of Non-PCB Soil Constituents Selected for Tier 2 Evaluation - Ecological**  
**Area-Wide Non-PCB Constituent Screening Evaluation**  
 (Constituents in bold retained for further evaluation in the Tier 2 ecological screening)

Parameter	STEP 1: Eliminated - Potential Lab Contaminant	STEP 2: Eliminated FOD ≤ 10%	STEP 3: Eliminated - Ecological Tier 1 Screening			STEP 4: Eliminated Below State Background Level	Retained for Tier 2 Ecological Screening
			Below Screening Level	Essential Nutrient	No Screening Level		
Chrysene			X				
Fluoranthene			X				
Fluorene			X				
Indeno(1,2,3-cd)pyrene			X				
2-Methylnaphthalene			X				
Naphthalene			X				
Phenanthrene			X				
Pyrene			X				
<b>Pesticides</b>							
Chlordane (technical)		X					
Endosulfan II		X					
Endosulfan sulfate		X					
Endrin		X					
Endrin ketone		X					
Toxaphene		X					
alpha-BHC			X				
delta-BHC			X				
alpha-Chlordane			X				
beta-Chlordane			X				
gamma-Chlordane			X				
4,4'-DDD			X				
4,4'-DDE			X				
Endosulfan I			X				
<b>Aldrin</b>							<b>X</b>
<b>beta-BHC</b>							<b>X</b>
<b>gamma-BHC (Lindane)</b>							<b>X</b>
<b>4,4'-DDT</b>							<b>X</b>
<b>Dieldrin</b>							<b>X</b>
<b>Endrin aldehyde</b>							<b>X</b>
<b>Heptachlor</b>							<b>X</b>
<b>Heptachlor Epoxide</b>							<b>X</b>
<b>Methoxychlor</b>							<b>X</b>
<b>Dioxins/Furans</b>							
<b>TCDD TEQ</b>							<b>X</b>

**Notes:**

Constituents in **bold** retained for further evaluation in the Tier 2 ecological screening.

FOD = Frequency of Detection

TCDD TEQ = Toxicity Equivalence Quotient for 2,3,7,8-TCDD

≤ = less than or equal to

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**TABLE 2-9**  
**Tier 2 Evaluation - Step 5A**  
**Human Health Hazard Quotients for Screened Non-PCB Constituents in Soil**  
**Area-Wide Non-PCB Constituent Screening Evaluation**  
**(Constituents in bold have human health Hazard Quotients (HQs) > 1)**

Constituent <sup>(a)</sup>	Units	UCL Concentration <sup>(b)</sup>	Arithmetic Mean /Kaplan Meier Mean Concentration	Lowest Human Health Screening Level <sup>(c)</sup>	UCL Hazard Quotient <sup>(d)</sup>	Mean Hazard Quotient <sup>(d)</sup>	Constituent of Interest? <sup>(e)</sup>
<u>Metals/Inorganics</u>							
<b>Arsenic</b>	mg/kg	15.8	13.3	7.60	<b>2</b>	<b>2</b>	Secondary COI
Chromium	mg/kg	194	120	260	0.7	0.5	--
Lead <sup>(f)</sup>	mg/kg	NA	318	400	NA	0.8	--
<u>Dioxins/Furans</u>							
<b>TCDD TEQ</b>	ng/kg	269	162	90	<b>3</b>	<b>2</b>	Secondary COI

Notes:

(a) Constituents retained for Tier 2 human health screening evaluation.

(b) The Upper Confidence Limit (UCL) concentration calculated using USEPA ProUCL Version 5.0.

(c) Lowest human health screening level from Table 2-1b. Michigan Department of Environmental Quality, 2013. Table 2. Soil: Residential Part 201 Generic Cleanup Criteria and Screening Levels/Part 213 Risk-Based Screening Levels. December 30, 2013.

(d) Hazard Quotient (HQ) = UCL Concentration or Mean/Lowest Soil Screening Level

(e) Constituents with HQs > 10 designated as primary COIs. Constituents with HQs >1, but HQs ≤ 10 designated as secondary COIs.

(f) Mean concentration used for comparison to lead direct contact value in accordance with current lead pharmacokinetic modeling guidance.

mg/kg = milligrams per kilogram

ng/kg = nanograms per kilogram

UCL = upper confidence limit of the mean concentration

NA = Not Applicable

TCDD TEQ = Toxicity Equivalence Quotient for 2,3,7,8-TCDD

-- Not a COI

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**TABLE 2-10**  
**Tier 2 Evaluation - Step 5B**  
**Selection of Tier 2 Ecological Screening Values for Soil**  
**Area-Wide Non-PCB Constituent Screening Evaluation**

		Refined ESV for Terrestrial Plants		Refined ESV for Terrestrial Invertebrates		Refined ESV for Mammals		Refined ESV for Birds		Selected (Lowest) Tier 2 ESV for Refined Ecological Receptors	
Constituent	Units										
<u>Metals/Inorganics</u>											
Aluminum	mg/kg	**	(a)	**	(a)	**	(a)	**	(a)	**	
Arsenic	mg/kg	18	(a)	60	(b)	46	(a)	43	(a)	18	
Barium	mg/kg	500	(c)	330	(a)	2000	(a)	820	(d)	330	
Beryllium	mg/kg	10	(c)	40	(a)	21	(a)	--		10	
Cadmium	mg/kg	32	(a)	140	(a)	0.36	(a)	0.77	(a)	0.36	
Chromium	mg/kg	NA		166	(i)	34	(a)	26	(a)	26	
Copper	mg/kg	70	(a)	80	(a)	49	(a)	28	(a)	28	
Lead	mg/kg	120	(a)	1,700	(a)	56	(a)	11	(a)	11	
Manganese	mg/kg	220	(a)	450	(a)	4,000	(a)	4,300	(a)	220	
Mercury	mg/kg	0.3	(c)	0.1	(b)	1.7	(d)	0.013	(d)	0.013	
Nickel	mg/kg	38	(a)	280	(a)	130	(a)	210	(a)	38	
Selenium	mg/kg	0.52	(a)	4.1	(a)	0.63	(a)	1.2	(a)	0.52	
Silver	mg/kg	560	(a)	NA		14	(a)	4.2	(a)	4.2	
Vanadium	mg/kg	2.0	(c)	NA		280	(a)	7.8	(a)	2.0	
Zinc	mg/kg	160	(a)	120	(a)	79	(a)	46	(a)	46	
<u>Semi-Volatile Organic Compounds</u>											
bis(2-Ethylhexyl)phthalate	µg/kg	--		--		590	(d)	20	(d)	20	
Di-n-butyl phthalate	µg/kg	200,000	(c)	--		180,000	(d)	11	(d)	11	
<u>Pesticides</u>											
Aldrin	µg/kg	--		--		37	(d)	--		37	
beta-BHC	µg/kg	--		--		270	(d)	14,000	(d)	270	
gamma-BHC (Lindane)	µg/kg	100	(d)	--		9.4	(d)	210	(d)	9.4	
4,4'-DDT	µg/kg	4,100	(d)	--		21	(a)	93	(a)	21	
Dieldrin	µg/kg	10,000	(d)	--		4.9	(a)	22	(a)	4.9	
Endrin Aldehyde	µg/kg	--		--		--		--		10.5	(e)
Heptachlor	µg/kg	400	(d)	--		59	(d)	300	(d)	59	
Heptachlor Epoxide	µg/kg	--		--		--		--		152	(e)
Methoxychlor	µg/kg	--		--		5,000	(d)	18,000	(d)	5,000	

**TABLE 2-10**  
**Tier 2 Evaluation - Step 5B**  
**Selection of Tier 2 Ecological Screening Values for Soil**  
**Area-Wide Non-PCB Constituent Screening Evaluation**

Constituent	Units	Refined ESV for Terrestrial Plants	Refined ESV for Terrestrial Invertebrates	Refined ESV for Mammals	Refined ESV for Birds	Selected (Lowest) Tier 2 ESV for Refined Ecological Receptors
<u>Dioxins/Furans</u>						
TCDD TEQ	ng/kg	--	5,000,000 (d)	0.29 (d)	840 (f)(g)	0.29
<u>Polychlorinated Biphenyls (PCBs)</u>						
Total PCBs	mg/kg	40 (c)	--	0.88 (d, h)	0.041 (d, h)	0.041

**Notes:**

\* Screening values based on available Chromium III data.

\*\* Potential ecological risks associated with aluminum are identified based on soil pH. Aluminum is identified as a constituent of concern where soil pH is less than 5.5. Site soil pH is not anticipated to be below 5.5.

(a) USEPA Ecological Soil Screening Levels (Eco-SSL). <http://www.epa.gov/ecotox/ecossl/>.

(b) Efroymson, R.A., M.E. Will, and G.W. Suter II, 1997. Toxicological Benchmarks for Contaminants of Potential Concern for Effects on Soil and Litter Invertebrates and Heterotrophic Processes: 1997 Revision. Oak Ridge National Laboratory, Oak Ridge TN. <http://www.esd.ornl.gov/programs/ecorisk/documents/tm126r21.pdf>.  
[http://www.esd.ornl.gov/programs/ecorisk/benchmark\\_reports.html](http://www.esd.ornl.gov/programs/ecorisk/benchmark_reports.html)

(c) Efroymson, R.A., M.E. Will, G.W. Suter II, and A.C. Wooten. 1997. Toxicological Benchmarks for Screening Contaminants of Potential Concern for Effects on Terrestrial Plants: 1997 Revision. Oak Ridge National Laboratory, Oak Ridge, TN. 128 pp. ES/ER/TM-85/R3. <http://www.esd.ornl.gov/programs/ecorisk/documents/tm85r3.pdf>.

(d) Los Alamos National Laboratory (LANL) No Observed Adverse Effects Level (NOAEL)-based ecological screening level (ESL) value. LANL ECORISK Database Release 3.1 (October 2012).  
<http://www.lanl.gov/community-environment/environmental-stewardship/protection/eco-risk-assessment.php>.

(e) A refined ESL could not be identified from literature for this constituent. The USEPA Region 5 RCRA Ecological Screening Level was used as a default value for this constituent. USEPA, 2003. USEPA Region 5 RCRA Ecological Screening Levels. August 22, 2003.

(f) Efroymson et. al., 1997. Preliminary Remediation Goals for Ecological Endpoints. Oak Ridge National Laboratory, Oak Ridge, TN. ES/ER/TM-162/R2. August 1997.  
[http://www.cluin.org/download/contaminantfocus/dnapl/Toxicology/doe\\_prg\\_tm162r2.pdf](http://www.cluin.org/download/contaminantfocus/dnapl/Toxicology/doe_prg_tm162r2.pdf).

(g) Value for TCDF.

(h) Value for Aroclor 1254.

(i) Value for trivalent chromium. 14-day median lethal concentration (LC50) value converted by a factor of 10. Sivakumar, S. and C.V. Subbhuraam, 2005. Toxicity of chromium(III) and chromium(VI) to the earthworm *Eisenia fetida*. *Ecotoxicology and Environmental Safety*. 62: 93–98.

mg/kg = milligrams per kilogram

ng/kg = nanograms per kilogram

µg/kg = micrograms per kilogram

ESV = Ecological Screening Value

NA = Not Applicable

TCDD TEQ = Toxicity Equivalence Quotient for 2,3,7,8-TCDD

UCL = upper confidence limit of the mean concentration

PREPARED BY/DATE: MKB 12/4/14

CHECKED BY/DATE: NSR 12/9/14

**TABLE 2-11**  
**Tier 2 Evaluation - Step 5B**  
**Ecological Hazard Quotients for Screened Non-PCB Constituents in Soil**  
**Area-Wide Non-PCB Constituent Screening Evaluation**  
**(Constituents in bold have ecological Hazard Quotients (HQs) > 1)**

Constituent <sup>(a)</sup>	Units	UCL Concentration <sup>(b)</sup>	Arithmetic Mean /Kaplan Meier Mean Concentration	Selected Tier 2 ESV <sup>(c)</sup>	UCL Hazard Quotient <sup>(d)</sup>	Mean Hazard Quotient <sup>(d)</sup>	Constituent of Interest? <sup>(e)</sup>
<u>Metals/Inorganics</u>							
Aluminum	mg/kg	10,941	9,469	**	**	**	**
Arsenic	mg/kg	15.8	13.3	18	0.9	0.7	--
Barium	mg/kg	354	234	330	1	0.7	--
Beryllium	mg/kg	0.54	0.47	10	0.1	0.05	--
<b>Cadmium</b>	mg/kg	7.13	3.72	0.36	<b>20</b>	<b>10</b>	Secondary COI
<b>Chromium</b>	mg/kg	194	120	26	<b>7</b>	<b>5</b>	Secondary COI
<b>Copper</b>	mg/kg	198	124	28	<b>7</b>	<b>4</b>	Secondary COI
<b>Lead</b>	mg/kg	524	318	11	<b>48</b>	<b>29</b>	Primary COI
<b>Manganese</b>	mg/kg	600	482	220	<b>3</b>	<b>2</b>	Secondary COI
<b>Mercury</b>	mg/kg	2.16	1.24	0.013	<b>166</b>	<b>95</b>	Primary COI
Nickel	mg/kg	36.2	29.3	38	1	0.8	--
<b>Selenium</b>	mg/kg	2.00	1.67	0.52	<b>4</b>	<b>3</b>	Secondary COI
Silver	mg/kg	2.21	1.78	4.2	0.5	0.4	--
<b>Vanadium</b>	mg/kg	19.3	17.4	2.0	<b>10</b>	<b>9</b>	Secondary COI
<b>Zinc</b>	mg/kg	489	308	46	<b>11</b>	<b>7</b>	Secondary COI
<u>Semi-Volatile Organic Compounds</u>							
<b>bis(2-ethylhexyl)phthalate</b>	µg/kg	388	244	20	<b>19</b>	<b>12</b>	Primary COI
<b>Di-n-butyl phthalate</b>	µg/kg	329	154	11	<b>30</b>	<b>14</b>	Primary COI
<u>Pesticides</u>							
Aldrin	µg/kg	41.4	23.1	37	1	0.6	--
beta-BHC	µg/kg	15.9	4.68	270	0.1	0.02	--
gamma-BHC (Lindane)	µg/kg	6.14	3.25	9.4	0.7	0.3	--
<b>4,4'-DDT</b>	µg/kg	66.3	47.4	21	<b>3</b>	<b>2</b>	Secondary COI
<b>Dieldrin</b>	µg/kg	26.0	18.1	4.9	<b>5</b>	<b>4</b>	Secondary COI
Endrin Aldehyde	µg/kg	14.8	10.4	10.5	1	1	--
Heptachlor	µg/kg	35.2	13.9	59	0.6	0.2	--
Heptachlor Epoxide	µg/kg	40.7	26.1	152	0.3	0.2	--
Methoxychlor	µg/kg	48.7	35.5	5,000	0.01	0.007	--
<u>Dioxins/Furans</u>							
<b>TCDD TEQ</b>	ng/kg	269	162	0.29	<b>928</b>	<b>558</b>	Primary COI

Notes:

\*\* Potential ecological risks associated with aluminum are identified based on soil pH. Aluminum is identified as a constituent of concern where soil pH is less than 5.5. Site soil pH is not anticipated to be below 5.5.

(a) Constituents retained for Tier 2 ecological screening evaluation.

(b) The Upper Confidence Limit (UCL) concentration calculated using USEPA ProUCL Version 5.0.

(c) See Table 2-10 for selection of Tier 2 ESV.

(d) Hazard Quotient (HQ) = UCL Concentration or Mean / Refined ESV

(e) Constituents with HQs > 10 designated as primary COIs. Constituents with HQs >1, but HQ ≤ 10 designated as secondary COIs.

mg/kg = milligrams per kilogram

ng/kg = nanograms per kilogram

µg/kg = micrograms per kilogram

UCL = upper confidence limit of the mean concentration

ESV = Ecological Screening Value

TCDD TEQ = Toxicity Equivalence Quotient for 2,3,7,8-TCDD

-- Not a COI

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CHECKED BY/DATE: NSR 12/9/14

**TABLE 2-12**  
**Tier 2 Evaluation - Step 5A**  
**Summary of Soil Non-PCB Constituents of Interest (COIs) - Human Health**  
**Area-Wide Non-PCB Constituent Screening Evaluation**  
**(Constituents in bold retained as COIs)**

Parameter	Eliminated as a COI <sup>(a)</sup>	Selected as a Primary COI <sup>(b)</sup>	Selected as a Secondary COI <sup>(c)</sup>
<b>Inorganics/Metals</b>			
Chromium	X		
Lead	X		
<b>Arsenic</b>			X
<b>Dioxins/Furans</b>			
<b>TCDD TEQ</b>			X

Notes:

COI = Constituent of Interest

(a) Constituent eliminated as a COI if the mean HQ is less than or equal to 1 (Table 2-9).

(b) Constituent selected as a primary COI if the mean HQ is greater than 10 (Table 2-9).

(c) Constituent selected as a secondary COI if the mean HQ is greater than 1 and less than or equal to 10 (Table 2-9).

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**TABLE 2-13**  
**Tier 2 Evaluation - Step 5B**  
**Summary of Soil Constituents of Interest (COIs) - Ecological**  
**Area-Wide Non-PCB Constituent Screening Evaluation**  
**(Constituents in bold retained as COIs)**

Parameter	Eliminated as a COI <sup>(a)</sup>	Selected as a Primary COI <sup>(c)</sup>	Selected as a Secondary COI <sup>(b)</sup>
<b>Inorganics/Metals</b>			
Aluminum	X		
Arsenic	X		
Barium	X		
Beryllium	X		
Nickel	X		
Silver	X		
<b>Cadmium</b>			X
<b>Copper</b>			X
<b>Manganese</b>			X
<b>Selenium</b>			X
<b>Vanadium</b>			X
<b>Zinc</b>			X
<b>Chromium</b>			X
<b>Lead</b>		X	
<b>Mercury</b>		X	
<b>Semi-Volatile Organic Compounds</b>			
<b>bis(2-Ethylhexyl)phthalate</b>		X	
<b>Di-n-butyl phthalate</b>		X	
<b>Pesticides</b>			
Aldrin	X		
beta-BHC	X		
Endrin aldehyde	X		
gamma-BHC (Lindane)	X		
Heptachlor	X		
Heptachlor Epoxide	X		
Methoxychlor	X		
<b>4,4'-DDT</b>			X
<b>Dieldrin</b>			X
<b>Dioxins/Furans</b>			
<b>TCDD TEQ</b>		X	

Notes:

COI = Constituent of Interest

(a) Constituent eliminated as a COI if the mean HQ is less than or equal to 1 (Table 2-11).

(b) Constituent selected as a primary COI if the mean HQ is greater than 10 (Table 2-11).

(c) Constituent selected as a secondary COI if the mean HQ is greater than 1 and less than or equal to 10 (Table 2-11).

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CHECKED BY/DATE: NSR 12/9/14

TABLE 2-14  
Tier 2 Evaluation - Step 6  
Comparison of Non-PCB Constituents of Interest (COIs) Concentrations in Site Soil to Paper Residuals Concentrations  
Area-Wide Non-PCB Constituent Screening Evaluation

Constituent of Interest	SITE SOILS									PAPER RESIDUALS									Paper Residuals and Soils Significantly Different? (Yes/No) <sup>(a)</sup>	Median Soils > Median Residuals? (Yes/No) <sup>(a)</sup>
	Number of Detects	Number of Samples	Frequency of Detects	Units	Minimum Detected Concentration	Maximum Detected Concentration (MDC)	Arithmetic Mean /Kaplan Meier Mean Concentration	Kaplan Meier Standard Deviation	Median Detected Concentration	Number of Detects	Number of Samples	Frequency of Detects	Units	Minimum Detected Concentration	Maximum Detected Concentration (MDC)	Arithmetic Mean /Kaplan Meier Mean Concentration	Kaplan Meier Standard Deviation	Median Detected Concentration		
<b>Primary COIs <sup>(a)</sup></b>																				
<u>Metals/Inorganics</u>																				
Lead	50	50	100%	mg/kg	2.9	1,200	318	333	178	63	63	100%	mg/kg	7.8	1,440	358	332	308	No	--
Mercury	159	172	92%	mg/kg	0.0090	16.3	1.24	1.94	0.30	47	63	75%	mg/kg	0.06 B	5.2 J	1.05	1.29	1.00	No	--
<u>Semi-Volatile Organic Compounds</u>																				
bis(2-Ethylhexyl)phthalate	22	50	44%	µg/kg	24	2,300	244	431	170	36	63	57%	µg/kg	95 J	15,000 J	2,288	2,743	1,700	Yes	No
Di-n-Butylphthalate	9	50	18%	µg/kg	30	2,900	154	413	71	2	63	3%	µg/kg	54 J	1,600 J	209	464	827	No	--
<u>Dioxins</u>																				
TCDD TEQ	39	39	100%	ng/kg	0.042	1,071	162	238	47.89	13	13	100%	ng/kg	0.989	2023	357	556	141	No	--
<b>Secondary COIs <sup>(b)</sup></b>																				
<u>Metals/Inorganics</u>																				
Arsenic	50	50	100%	mg/kg	2.2	57.4	13.3	9.90	12.8	60	63	95%	mg/kg	0.57 B	23.7 JN	2.37	3.18	1.6	Yes	Yes
Cadmium	43	50	86%	mg/kg	0.13 J	13.5	3.72	3.82	2.80	11	63	17%	mg/kg	0.77 BJ	3.7	0.302	0.695	1.4	Yes	Yes
Chromium	50	50	100%	mg/kg	4.0 J	449	120	120	69.2	63	63	100%	mg/kg	7.4	212	69.6	54.8	56.5	No	--
Copper	50	50	100%	mg/kg	1.5 J	390	124	121	66.1	63	63	100%	mg/kg	9.1	279 JN*	77.4	50.1	62.2	No	--
Manganese	50	50	100%	mg/kg	70.6 J	2,760	482	497	317	63	63	100%	mg/kg	6.3 *	615	80.0	108	42.6	Yes	Yes
Selenium	24	50	48%	mg/kg	0.39 BJ	5.3 J	1.67	1.11	2.00	13	63	21%	mg/kg	0.35 BJ	3.1	0.182	0.462	0.48	Yes	Yes
Vanadium	50	50	100%	mg/kg	4.0 J	32.4	17.4	8.07	18.3	63	63	100%	mg/kg	4.9 B	24.9	13.8	4.37	12.9	Yes	Yes
Zinc	50	50	100%	mg/kg	9.8 J	1,010	308	292	182	56	56	100%	mg/kg	20.9	1,140 J	279	174	249	No	--
<u>Pesticides</u>																				
4,4'-DDT	20	48	42%	µg/kg	3.4 J	340	47.4	75.3	83.0	26	54	48%	µg/kg	4.7 JZ	600 Z	94.5	138	115	No	--
Dieldrin	18	49	37%	µg/kg	2.1 J	130	18.1	30.2	23.0	0	62	0%	µg/kg	NA	<820 U	NA	NA	NA	NA	NA

Notes:  
(a) Statistical analysis results and output presented in the appendices.  
(b) Constituents selected as Primary COIs in the Tier 2 human health and ecological screening evaluations.  
(c) Constituents selected as Secondary COIs in the Tier 2 human health and ecological screening evaluations  
mg/kg = milligrams per kilogram  
µg/kg = micrograms per kilogram  
ng/kg = nanograms per kilogram  
MDC = Maximum Detected Concentration  
NA = Not applicable  
-- = Not evaluated  
> = greater than

Data Flags:  
B = (Organic) Analyte found in associated blank as well as in sample  
J = Value is estimated  
N = Presumptive evidence of presence of material (tentative identification)  
W = Post-digestion spike for furnace analysis is out of control limits, while sample absorbance is <50% of spike absorbance.  
U = Not detected above reporting limit  
Z = Laboratory flag not defined  
\* = Duplicate analysis was not within control limits  
< = Less than the reporting limit



**TABLE 2-15**  
**Tier 2 Evaluation - Step 6**  
**Statistical Comparison of COIs in Soil to Paper Residuals Samples**  
**Results of Two Sample Hypothesis Testing using ProUCL Version 5.0.00**

Primary COI Soil Constituent	Two Sample Test	Soil & Paper Residuals Conclusion with alpha = 0.05
Lead	Wilcoxon-Mann-Whitney	Soil = Paper Residuals
Mercury	Gehan	Soil = Paper Residuals
bis (2-Ethylhexyl)phthalate	Gehan Conclusion <sup>a</sup>	Soil ≠ Paper Residuals Soils < Paper Residuals
Di-n-butyl phthalate	Gehan	Soil = Paper Residuals
TCDD	Wilcoxon-Mann-Whitney	Soil = Paper Residuals

Secondary COI Soil Constituent	Two Sample Test	Soil & Paper Residuals Conclusion with alpha = 0.05
4,4'-DDT	Gehan	Soil = Paper Residuals
Arsenic	Gehan Conclusion <sup>a</sup>	Soil ≠ Paper Residuals Soils > Paper Residuals
Cadmium	Gehan Conclusion <sup>a</sup>	Soil ≠ Paper Residuals Soils > Paper Residuals
Chromium	Wilcoxon-Mann-Whitney	Soil = Paper Residuals
Copper	Wilcoxon-Mann-Whitney	Soil = Paper Residuals
Manganese	Wilcoxon-Mann-Whitney Conclusion <sup>a</sup>	Soil ≠ Paper Residuals Soils > Paper Residuals
Selenium	Gehan Conclusion <sup>a</sup>	Soil ≠ Paper Residuals Soils > Paper Residuals
Vanadium	Wilcoxon-Mann-Whitney Conclusion <sup>a</sup>	Soil ≠ Paper Residuals Soils > Paper Residuals
Zinc	Wilcoxon-Mann-Whitney	Soil = Paper Residuals

**Notes:**

Soil = Paper Residuals: Do not reject null hypothesis (H<sub>0</sub>) that Sample 1 Median = Sample 2 Median where soil is Sample 1 and Paper Residuals are Sample 2  
Median < Sample 2 Median (determined based on the median concentrations - see Appendix D) where soil is Sample 1 and Paper Residuals are Sample 2

<sup>a</sup>Conclusion based on median of samples

TCDD TEQ = 2,3,7,8-Tetrachlorodibenzo-p-dioxin Toxicity Equivalence

COI = Constituent of Interest

PREPARED BY/DATE: SAG 01/02/15

CHECKED BY/DATE: LSV 01/07/15

**TABLE 2-16**  
**Tier 2 Evaluation - Step 7**

**Summary of Total PCB Aroclor Statistics in Paper Residuals Compared to Total PCB Aroclor Statistics in Soil and Sediment**  
**Area-Wide Non-PCB Constituent Screening Evaluation**

<b>Media</b>	<b>Number of Samples</b>	<b>Minimum Detected Concentration</b>	<b>Maximum Detected Concentration</b>	<b>Units</b>	<b>Arithmetic Mean /Kaplan Meier Mean Concentration <sup>(a)</sup></b>	<b>Median</b>	<b>UCL Concentration <sup>(a)</sup></b>
Residual	88	0.093	327	mg/kg	50.0	29.6	63.9
Soil	110	0.0000360	99	mg/kg	4.45	0.527	9.67
Sediment	161	0.0095000	122	mg/kg	3.27	0.14	7.32

Notes:

(a) Arithmetic Mean/Kaplan-Meier (KM) Mean and UCL calculated using USEPA's statistical program ProUCL (Version 5.0).

mg/kg = milligram per kilogram

UCL = upper confidence limit of the mean concentration

PREPARED BY/DATE: SAG 1/9/15

CHECKED BY/DATE: LSV 1/11/15

**TABLE 2-17**  
**Tier 2 Evaluation - Step 7**  
**Comparison of Soil Non-PCB Constituents of Interest (COIs) Human Health Hazard Quotients to Total PCBs and Background Human Health Hazard Quotients**  
**Area-Wide Non-PCB Constituent Screening Evaluation**

Constituent <sup>(a)</sup>	Units	UCL Concentration <sup>(b)</sup>	Arithmetic Mean /Kaplan Meier Mean Concentration	Human Health Screening Level <sup>(c)</sup>	UCL Hazard Quotient <sup>(d)</sup>	Mean Hazard Quotient <sup>(d)</sup>	Background Hazard Quotient <sup>(e)</sup>
<b>Secondary Constituents of Interest (COIs) <sup>(f)</sup></b>							
<u>Metals/Inorganics</u>							
Arsenic	mg/kg	15.8	13.3	7.60	2	2	0.8
<u>Dioxins/Furans</u>							
TCDD TEQ	ng/kg	269	162	90	3	2	NA
<u>Polychlorinated Biphenyls (PCBs)</u>							
Total PCBs	mg/kg	9.67	4.45	1.0 <sup>(g)</sup>	10	4	NA

Notes:

(a) Constituents selected as Constituents of Interest (COIs) in the Tier 2 human health evaluation to be compared to Total PCBs.

(b) The Upper Confidence Limit (UCL) concentration calculated using USEPA ProUCL Version 5.0.

(c) Lowest human health screening level from Table 2-1b. Michigan Department of Environmental Quality, 2013. Table 2. Soil: Residential Part 201 Generic Cleanup Criteria and Screening Levels/Part 213 Risk-Based Screening Levels. December 30, 2013.

(d) Hazard Quotient (HQ) = UCL Concentration or Mean/Lowest Soil Screening Level

(e) Background Hazard Quotient calculated using the Michigan Statewide Default Background Level for Soil on Table 6 and lowest human health screening level.

(f) Constituents selected as secondary COIs in the Tier 2 human health screening evaluation.

(g) TSCA cleanup standard in residual waste or porous surface without further conditions in a high-use occupancy area.

Value obtained from USEPA (2005). Polychlorinated Biphenyl (PCB) Site Revitalization Guidance Under the Toxic Substances Control Act (TSCA). November 2005.

<http://www.epa.gov/osw/hazard/tsd/pcbs/pubs/pcb-guid3-06.pdf>

mg/kg = milligrams per kilogram

ng/kg = nanograms per kilogram

UCL = upper confidence limit of the mean concentration

NA = Not Applicable

TCDD TEQ = Toxicity Equivalence Quotient for 2,3,7,8-TCDD

PREPARED BY/DATE: MKB 12/4/14

CHECKED BY/DATE: NSR 12/9/14

**TABLE 2-18**  
**Tier 2 Evaluation - Step 7**  
**Comparison of Soil Constituents of Interest (COIs) Ecological Hazard Quotients to Total PCBs and Background Ecological Hazard Quotients**  
**Area-Wide Non-PCB Constituent Screening Evaluation**

Constituent <sup>(a)</sup>	Units	UCL Concentration <sup>(b)</sup>	Arithmetic Mean /Kaplan Meier Mean Concentration	Selected Tier 2 ESV <sup>(c)</sup>	UCL Hazard Quotient <sup>(d)</sup>	Mean Hazard Quotient <sup>(d)</sup>	Background Hazard Quotient <sup>(e)</sup>
<b>Primary COIs <sup>(f)</sup></b>							
<u>Metals/Inorganics</u>							
Lead	mg/kg	524	318	11	48	29	2
Mercury	mg/kg	2.16	1.24	0.013	166	95	10
<u>Semi-Volatile Organic Compounds</u>							
bis(2-ethylhexyl)phthalate	µg/kg	388	244	20	19	12	NA
Di-n-butyl phthalate	µg/kg	329	154	11	30	14	NA
<u>Dioxins/Furans</u>							
TCDD TEQ	ng/kg	269	162	0.29	928	558	NA
<b>Secondary COIs <sup>(g)</sup></b>							
<u>Metals/Inorganics</u>							
Cadmium	mg/kg	7.13	3.72	0.36	20	10	3
Chromium	mg/kg	194	120	26	7	5	0.7
Copper	mg/kg	198	124	28	7	4	1
Manganese	mg/kg	600	482	220	3	2	2
Selenium	mg/kg	2.00	1.67	0.52	4	3	0.8
Vanadium	mg/kg	19.3	17.4	2.0	10	9	NA
Zinc	mg/kg	489	308	46	11	7	1
<u>Pesticides</u>							
4,4'-DDT	µg/kg	66.3	47.4	21	3	2	NA
Dieldrin	µg/kg	26.0	18.1	4.9	5	4	NA
<b>Polychlorinated Biphenyls (PCBs)</b>							
Total PCBs	mg/kg	9.67	4.45	0.041	236	108	NA

**Notes:**

- (a) Constituents selected as Constituents of Interest (COIs) in the Tier 2 ecological screening evaluation to be compared to Total PCBs.  
 (b) The Upper Confidence Limit (UCL) concentration calculated using USEPA ProUCL Version 5.0.  
 (c) See Table 2-10 for selection of Tier 2 ESV. Total PCB ESV is for Aroclor 1254.  
 (d) Hazard Quotient (HQ) = UCL Concentration or Mean / Refined ESV  
 (e) Background Hazard Quotient calculated using the Michigan Statewide Default Background Level for Soil on Table 3-6 and selected Tier 2 ESV.  
 (f) Constituents selected as primary COIs in the Tier 2 ecological screening evaluation.  
 (g) Constituents selected as secondary COIs in the Tier 2 ecological screening evaluation.  
 mg/kg = milligrams per kilogram  
 ng/kg = nanograms per kilogram  
 µg/kg = micrograms per kilogram  
 UCL = upper confidence limit of the mean concentration  
 ESV = Ecological Screening Value  
 TCDD TEQ = Toxicity Equivalence Quotient for 2,3,7,8-TCDD  
 NA = Not Applicable

PREPARED BY/DATE: MKB 12/4/14  
 CHECKED BY/DATE: NSR 12/9/14

**TABLE 3-1**  
**Summary of Detected Non-PCB Constituents in Sediment**  
**Area-Wide Non-PCB Constituent Screening Evaluation**

Constituent <sup>(a)</sup>	Number of Detects	Number of Samples	Frequency of Detection	Units	Minimum Detected Concentration	Maximum Detected Concentration	Arithmetic Mean /Kaplan Meier Mean Concentration <sup>(b)</sup>
<u>Inorganics/Metals</u>							
Aluminum	42	42	100%	mg/kg	1310	17600	5898
Antimony	22	42	52%	mg/kg	0.65 B	5.2 B	1.581
Arsenic	42	42	100%	mg/kg	1 B	66.7	11.14
Barium	42	42	100%	mg/kg	11 B	1030	218
Beryllium	36	42	86%	mg/kg	0.03 B	1.2	0.296
Cadmium	36	42	86%	mg/kg	0.078 J	8.9	2.519
Calcium	42	42	100%	mg/kg	12300	73900 J	38062
Chromium	42	42	100%	mg/kg	3.6	401	70.24
Cobalt	42	42	100%	mg/kg	1.7 B	48.3 J	6.04
Copper	42	42	100%	mg/kg	1.4 B	504	112.6
Iron	42	42	100%	mg/kg	4020	23600	11415
Lead	42	42	100%	mg/kg	1.5	1200	293.7
Magnesium	42	42	100%	mg/kg	2000	24500	7578
Manganese	42	42	100%	mg/kg	112 J	1080	282.4
Mercury	70	78	90%	mg/kg	0.0033	6.3	1.219
Nickel	42	42	100%	mg/kg	2.9 B	115	21.37
Potassium	42	42	100%	mg/kg	116 B	1170	381.3
Selenium	21	42	50%	mg/kg	0.54 J	3.5 J	1.304
Silver	27	42	64%	mg/kg	0.24 J	10.7	1.7
Sodium	31	43	72%	mg/kg	62.7 J	394 J	147
Vanadium	42	42	100%	mg/kg	4.5 B	28.8	12.29
Zinc	42	42	100%	mg/kg	11.2	922 J	255.2
<u>Volatile Organic Compounds</u>							
1,4-Dichlorobenzene	1	52	2%	µg/kg	0.95 J	0.95 J	0.95
2-Butanone (Methyl ethyl ketone)	52	70	74%	µg/kg	9 J	660 DJ	73.56
Acetone	57	70	81%	µg/kg	7.8	2000 DJ	236.4
Benzene	5	65	8%	µg/kg	2 J	5.7 J	3.017
Carbon disulfide	12	70	17%	µg/kg	1 J	19 J	2.935
Chlorobenzene	3	63	5%	µg/kg	4 J	15 J	4.224
Cyclohexane	1	16	6%	µg/kg	13 J	13 J	5.8
Ethylbenzene	2	63	3%	µg/kg	0.12 J	0.27 J	0.195
m-p-Xylenes	3	17	18%	µg/kg	4 J	7.2 J	4.597
Methylene chloride (Dichloromethane)	8	69	12%	µg/kg	2 J	270	9.598
Tetrachloroethene (PCE)	4	63	6%	µg/kg	1 J	3 J	2

**TABLE 3-1**  
**Summary of Detected Non-PCB Constituents in Sediment**  
**Area-Wide Non-PCB Constituent Screening Evaluation**

Constituent <sup>(a)</sup>	Number of Detects	Number of Samples	Frequency of Detection	Units	Minimum Detected Concentration	Maximum Detected Concentration	Arithmetic Mean /Kaplan Meier Mean Concentration <sup>(b)</sup>
Toluene	7	70	10%	µg/kg	2 J	12	1.431
Trichloroethene (TCE)	5	63	8%	µg/kg	4 J	14 J	4.583
<u>Semi-Volatile Organic Compounds</u>							
1,1-Biphenyl	4	30	13%	µg/kg	43 J	71 J	60.5
2,4-Dimethylphenol	1	43	2%	µg/kg	800 J	800 J	207.4
2-Chlorobiphenyl	23	156	15%	µg/kg	1.2 J	120 J	2.99
2-Methylphenol (o-Cresol)	6	43	14%	µg/kg	24 J	110 J	67.33
4-Chloro-3-Methylphenol	1	42	2%	µg/kg	52	52	52
4-Methylphenol (p-Cresol)	16	34	47%	µg/kg	20 J	4000	307.6
bis(2-Ethylhexyl)phthalate	20	42	48%	µg/kg	31	3100	443.1
Butyl benzyl phthalate	3	42	7%	µg/kg	61 J	630 J	91.45
Carbazole	22	42	52%	µg/kg	17	540 J	148.6
Dibenzofuran	16	42	38%	µg/kg	24 J	390 J	106.7
Dimethyl phthalate	3	42	7%	µg/kg	56 J	250 J	96.57
Di-n-butyl phthalate	4	42	10%	µg/kg	30 J	770	61.39
Di-n-octyl phthalate	1	42	2%	µg/kg	57 J	57 J	57
Phenol	4	42	10%	µg/kg	78 J	190 J	110.5
<u>Petroleum Aromatic Hydrocarbons</u>							
2-Methylnaphthalene	22	42	52%	µg/kg	30 J	350 J	103.6
Acenaphthene	22	42	52%	µg/kg	39 J	490 J	158.4
Acenaphthylene	16	42	38%	µg/kg	35 J	460 J	115.7
Anthracene	31	42	74%	µg/kg	30 J	2200 J	317
Benzaldehyde	15	30	50%	µg/kg	35 J	400 J	128
Benzo(a)anthracene	37	42	88%	µg/kg	19 J	3800	905.6
Benzo(a)pyrene	32	42	76%	µg/kg	110 J	4500	986.2
Benzo(b)fluoranthene	36	42	86%	µg/kg	33	3900 D	1014
Benzo(g,h,i)perylene	36	42	86%	µg/kg	23	1300	284.2
Benzo(k)fluoranthene	28	42	67%	µg/kg	36	4800 D	874
Chrysene	37	42	88%	µg/kg	21 J	5500	1155
Dibenzo(a,h)anthracene	24	42	57%	µg/kg	27	410 J	132.3
Fluoranthene	38	42	90%	µg/kg	32 J	11,000 D	1961
Fluorene	24	42	57%	µg/kg	38 J	750 J	189.2
Indeno(1,2,3-cd)pyrene	30	42	71%	µg/kg	50 J	1000 J	276.8

**TABLE 3-1**  
**Summary of Detected Non-PCB Constituents in Sediment**  
**Area-Wide Non-PCB Constituent Screening Evaluation**

Constituent <sup>(a)</sup>	Number of Detects	Number of Samples	Frequency of Detection	Units	Minimum Detected Concentration	Maximum Detected Concentration	Arithmetic Mean /Kaplan Meier Mean Concentration <sup>(b)</sup>
Naphthalene	21	42	50%	µg/kg	32 J	490	131.6
Phenanthrene	37	42	88%	µg/kg	15	5500 D	1197
Pyrene	39	42	93%	µg/kg	20 J	9700 D	1825
<u>Pesticides</u>							
alpha-BHC	3	42	7%	µg/kg	1.7 J	7.2	1.959
alpha-Chlordane	21	41	51%	µg/kg	0.58	38	5.257
beta-BHC	3	33	9%	µg/kg	2.6 JN	11 J	2.278
beta-Chlordane	8	38	21%	µg/kg	0.12	120	10.96
delta-BHC	10	42	24%	µg/kg	10 JN	1200	71.28
4,4'-DDD	17	40	43%	µg/kg	0.4	220	19.91
4,4'-DDE	20	41	49%	µg/kg	0.71 J	200	18.73
4,4'-DDT	22	43	51%	µg/kg	0.43 J	3000	84.55
Dieldrin	10	42	24%	µg/kg	5.8 J	200	16.36
Endosulfan I	12	42	29%	µg/kg	1.4	44	5.101
Endosulfan sulfate	3	38	8%	µg/kg	0.44 J	4.5	1.021
Endrin	9	42	21%	µg/kg	0.56 J	46	4.635
Endrin aldehyde	5	38	13%	µg/kg	3.2	12	4.029
Endrin ketone	18	42	43%	µg/kg	2.5 J	38	6.659
gamma-BHC (Lindane)	2	37	5%	µg/kg	2.4 J	26 JN	2.53
gamma-Chlordane	1	3	33%	µg/kg	4.2 JN	4.2 JN	2.8
Heptachlor	12	41	29%	µg/kg	2.3 J	150	9.75
Heptachlor Epoxide	6	33	18%	µg/kg	2.3 JN	88	7.615
Methoxychlor	2	42	5%	µg/kg	24 JN	36 J	18.96
<u>Dioxins/Furans</u>							
TCDD TEQ	8	8	100%	ng/kg	5.40E-04	29.64	9.38

Notes:

(a) Includes detected constituents in sediment.

(b) Arithmetic Mean/Kaplan-Meier (KM) Mean calculated using USEPA's statistical program ProUCL (Version 5.0).

mg/kg = milligram per kilogram

µg/kg = microgram per kilogram

ng/kg = nanograms per kilogram

TCDD TEQ = Toxicity Equivalence Quotient for 2,3,7,8-TCDD

Prepared By/Date: SAG 12/3/14

Checked By/Date: NSR 12/9/14

Data Flags:

B (organic) = Analyte found in associated blank as well as in sample

B (inorganic) = Result treated as an estimated detected value less than the contract required detection limit but greater than the instrument detection limit

D = Analysis at a secondary dilution factor

J = Value is estimated

N = Presumptive evidence of presence of material (tentative identification)

**TABLE 3-2**  
**Tier 1 Evaluation - Step 1**  
**Screening of Detected Non-PCB Constituents in Sediment Based on Potential Laboratory Contamination**  
**Area-Wide Non-PCB Constituent Screening Evaluation**  
(Constituents in bold retained for further evaluation)

Detected Constituents Potentially Associated with Laboratory Contamination	All Depths			Laboratory Contaminant (Yes/No)	Rationale
	J & B Flags	Total Detects	Percent flagged		
Acetone	29	57	51%	No	(1)
2-Butanone (Methyl ethyl ketone)	29	52	56%	No	(1)
Carbon disulfide	10	12	83%	No	(1)
Methylene chloride	4	8	50%	No	(1)
Toluene	7	7	100%	Yes	(2)
<b>bis(2-Ethylhexyl)phthalate</b>	8	20	40%	No	(1)
Butyl benzyl phthalate	3	3	100%	Yes	(2)
<b>Di-n-butyl phthalate</b>	1	4	25%	No	(1)
Di-n-octyl phthalate	1	1	100%	Yes	(2)

Notes:

(a) For those constituents potentially associated with laboratory contamination, the following rule was applied: If the detected value is J or B flagged and the result is less than the reporting limit, the sample is considered a non-detect. If the result is J or B flagged and the value is above the reporting limit the sample is considered a detect.

Rationale Criteria:

- (1) Constituent retained for further evaluation.
- (2) Constituent eliminated from further evaluation due to the high incidence of J or B flagged data (greater than 90%); The high rate of estimated and/or potentially biased data for these common lab contaminants may be an indication of sample bias.

Data Flags:

B (organic) = Analyte found in associated blank as well as in sample

B (inorganic) = Result treated as an estimated detected value less than the contract required detection limit but greater than the instrument detection limit

J = Value is estimated

Prepared By/Date: SAG 12/3/14

Checked By/Date: NSR 12/4/14



**TABLE 3-3**  
**Tier 1 Evaluation - Step 2**  
**Screening of Detected Constituents in Sediment Based on Frequency of Detection**  
**(Constituents in bold retained for further evaluation)**

Constituent <sup>(a)</sup>	Number of Detects	Number of Samples	Frequency of Detection (FOD)	Units	Minimum Detected Concentration	Maximum Detected Concentration	Arithmetic Mean /Kaplan Meier Mean Concentration <sup>(b)</sup>	FOD ≤ 10%? (Yes/No)	Additional Screening Needed? (Yes/No)	Rationale
<b>Inorganics/Metals</b>										
<b>Aluminum</b>	42	42	100%	mg/kg	1310	17600	5898	No	<b>Yes</b>	(2)
<b>Antimony</b>	22	42	52%	mg/kg	0.65 B	5.2 B	1.581	No	<b>Yes</b>	(2)
<b>Arsenic</b>	42	42	100%	mg/kg	1 B	66.7	11.14	No	<b>Yes</b>	(2)
<b>Barium</b>	42	42	100%	mg/kg	11 B	1030	218	No	<b>Yes</b>	(2)
<b>Beryllium</b>	36	42	86%	mg/kg	0.03 B	1.2	0.296	No	<b>Yes</b>	(2)
<b>Cadmium</b>	36	42	86%	mg/kg	0.078 J	8.9	2.519	No	<b>Yes</b>	(2)
<b>Calcium</b>	42	42	100%	mg/kg	12300	73900 J	38062	No	<b>Yes</b>	(2)
<b>Chromium</b>	42	42	100%	mg/kg	3.6	401	70.24	No	<b>Yes</b>	(2)
<b>Cobalt</b>	42	42	100%	mg/kg	1.7 B	48.3 J	6.04	No	<b>Yes</b>	(2)
<b>Copper</b>	42	42	100%	mg/kg	1.4 B	504	112.6	No	<b>Yes</b>	(2)
<b>Iron</b>	42	42	100%	mg/kg	4020	23600	11415	No	<b>Yes</b>	(2)
<b>Lead</b>	42	42	100%	mg/kg	1.5	1200	293.7	No	<b>Yes</b>	(2)
<b>Magnesium</b>	42	42	100%	mg/kg	2000	24500	7578	No	<b>Yes</b>	(2)
<b>Manganese</b>	42	42	100%	mg/kg	112 J	1080	282.4	No	<b>Yes</b>	(2)
<b>Mercury</b>	70	78	90%	mg/kg	0.0033	6.3	1.219	No	<b>Yes</b>	(2)
<b>Nickel</b>	42	42	100%	mg/kg	2.9 B	115	21.37	No	<b>Yes</b>	(2)
<b>Potassium</b>	42	42	100%	mg/kg	116 B	1170	381.3	No	<b>Yes</b>	(2)
<b>Selenium</b>	21	42	50%	mg/kg	0.54 J	3.5 J	1.304	No	<b>Yes</b>	(2)
<b>Silver</b>	27	42	64%	mg/kg	0.24 J	10.7	1.7	No	<b>Yes</b>	(2)
<b>Sodium</b>	31	43	72%	mg/kg	62.7 J	394 J	147	No	<b>Yes</b>	(2)
<b>Vanadium</b>	42	42	100%	mg/kg	4.5 B	28.8	12.29	No	<b>Yes</b>	(2)
<b>Zinc</b>	42	42	100%	mg/kg	11.2	922 J	255.2	No	<b>Yes</b>	(2)
<b>Volatile Organic Compounds</b>										
1,4-Dichlorobenzene	1	52	2%	µg/kg	0.95 J	0.95 J	0.95	Yes	No	(1)
<b>2-Butanone (Methyl ethyl ketone)</b>	52	70	74%	µg/kg	9 J	660 DJ	73.56	No	<b>Yes</b>	(2)
<b>Acetone</b>	57	70	81%	µg/kg	7.8	2000 DJ	236.4	No	<b>Yes</b>	(2)
Benzene	5	65	8%	µg/kg	2 J	5.7 J	3.017	Yes	No	(1)
<b>Carbon disulfide</b>	12	70	17%	µg/kg	1 J	19 J	2.935	No	<b>Yes</b>	(2)
Chlorobenzene	3	63	5%	µg/kg	4 J	15 J	4.224	Yes	No	(1)
Cyclohexane	1	16	6%	µg/kg	13 J	13 J	5.8	Yes	No	(1)
Ethylbenzene	2	63	3%	µg/kg	0.12 J	0.27 J	0.195	Yes	No	(1)
<b>m+p-Xylenes</b>	3	17	18%	µg/kg	4 J	7.2 J	4.597	No	<b>Yes</b>	(2)
<b>Methylene chloride (Dichloromethane)</b>	8	69	12%	µg/kg	2 J	270	9.598	No	<b>Yes</b>	(2)
Tetrachloroethene (PCE)	4	63	6%	µg/kg	1 J	3 J	2	Yes	No	(1)
Trichloroethene (TCE)	5	63	8%	µg/kg	4 J	14 J	4.583	Yes	No	(1)

**TABLE 3-3**  
**Tier 1 Evaluation - Step 2**  
**Screening of Detected Constituents in Sediment Based on Frequency of Detection**  
**(Constituents in bold retained for further evaluation)**

Constituent <sup>(a)</sup>	Number of Detects	Number of Samples	Frequency of Detection (FOD)	Units	Minimum Detected Concentration	Maximum Detected Concentration	Arithmetic Mean /Kaplan Meier Mean Concentration <sup>(b)</sup>	FOD ≤ 10%? (Yes/No)	Additional Screening Needed? (Yes/No)	Rationale
<u>Semi-Volatile Organic Compounds</u>										
<b>1,1-Biphenyl</b>	4	30	13%	µg/kg	43 J	71 J	60.5	No	<b>Yes</b>	(2)
2,4-Dimethylphenol	1	43	2%	µg/kg	800 J	800 J	207.4	Yes	No	(1)
<b>2-Chlorobiphenyl</b>	23	156	15%	µg/kg	1.2 J	120 J	2.99	No	<b>Yes</b>	(2)
<b>2-Methylphenol (o-Cresol)</b>	6	43	14%	µg/kg	24 J	110 J	67.33	No	<b>Yes</b>	(2)
4-Chloro-3-Methylphenol	1	42	2%	µg/kg	52	52	52	Yes	No	(1)
<b>4-Methylphenol (p-Cresol)</b>	16	34	47%	µg/kg	20 J	4000	307.6	No	<b>Yes</b>	(2)
<b>bis(2-Ethylhexyl)phthalate</b>	20	42	48%	µg/kg	31	3100	443.1	No	<b>Yes</b>	(2)
<b>Carbazole</b>	22	42	52%	µg/kg	17	540 J	148.6	No	<b>Yes</b>	(2)
<b>Dibenzofuran</b>	16	42	38%	µg/kg	24 J	390 J	106.7	No	<b>Yes</b>	(2)
Dimethyl phthalate	3	42	7%	µg/kg	56 J	250 J	96.57	Yes	No	(1)
Di-n-butyl phthalate	4	42	10%	µg/kg	30 J	770	61.39	Yes	No	(1)
Phenol	4	42	10%	µg/kg	78 J	190 J	110.5	Yes	No	(1)
<u>Petroleum Aromatic Hydrocarbons</u>										
<b>2-Methylnaphthalene</b>	22	42	52%	µg/kg	30 J	350 J	103.6	No	<b>Yes</b>	(2)
<b>Acenaphthene</b>	22	42	52%	µg/kg	39 J	490 J	158.4	No	<b>Yes</b>	(2)
<b>Acenaphthylene</b>	16	42	38%	µg/kg	35 J	460 J	115.7	No	<b>Yes</b>	(2)
<b>Anthracene</b>	31	42	74%	µg/kg	30 J	2200 J	317	No	<b>Yes</b>	(2)
<b>Benzaldehyde</b>	15	30	50%	µg/kg	35 J	400 J	128	No	<b>Yes</b>	(2)
<b>Benzo(a)anthracene</b>	37	42	88%	µg/kg	19 J	3800	905.6	No	<b>Yes</b>	(2)
<b>Benzo(a)pyrene</b>	32	42	76%	µg/kg	110 J	4500	986.2	No	<b>Yes</b>	(2)
<b>Benzo(b)fluoranthene</b>	36	42	86%	µg/kg	33	3900 D	1014	No	<b>Yes</b>	(2)
<b>Benzo(g,h,i)perylene</b>	36	42	86%	µg/kg	23	1300	284.2	No	<b>Yes</b>	(2)
<b>Benzo(k)fluoranthene</b>	28	42	67%	µg/kg	36	4800 D	874	No	<b>Yes</b>	(2)
<b>Chrysene</b>	37	42	88%	µg/kg	21 J	5500	1155	No	<b>Yes</b>	(2)
<b>Dibenzo(a,h)anthracene</b>	24	42	57%	µg/kg	27	410 J	132.3	No	<b>Yes</b>	(2)
<b>Fluoranthene</b>	38	42	90%	µg/kg	32 J	11,000 D	1961	No	<b>Yes</b>	(2)
<b>Fluorene</b>	24	42	57%	µg/kg	38 J	750 J	189.2	No	<b>Yes</b>	(2)
<b>Indeno(1,2,3-cd)pyrene</b>	30	42	71%	µg/kg	50 J	1000 J	276.8	No	<b>Yes</b>	(2)
<b>Naphthalene</b>	21	42	50%	µg/kg	32 J	490	131.6	No	<b>Yes</b>	(2)
<b>Phenanthrene</b>	37	42	88%	µg/kg	15	5500 D	1197	No	<b>Yes</b>	(2)
<b>Pyrene</b>	39	42	93%	µg/kg	20 J	9700 D	1825	No	<b>Yes</b>	(2)
<u>Pesticides</u>										
alpha-BHC	3	42	7%	µg/kg	1.7 J	7.2	1.959	Yes	No	(1)
<b>alpha-Chlordane</b>	21	41	51%	µg/kg	0.58 J	38	5.257	No	<b>Yes</b>	(2)
beta-BHC	3	33	9%	µg/kg	2.6 JN	11 J	2.278	Yes	No	(1)
<b>beta-Chlordane</b>	8	38	21%	µg/kg	0.12	120 DJN	10.96	No	<b>Yes</b>	(2)
<b>delta-BHC</b>	10	42	24%	µg/kg	10 JN	1200 D	71.28	No	<b>Yes</b>	(2)

**TABLE 3-3**  
**Tier 1 Evaluation - Step 2**  
**Screening of Detected Constituents in Sediment Based on Frequency of Detection**  
**(Constituents in bold retained for further evaluation)**

Constituent <sup>(a)</sup>	Number of Detects	Number of Samples	Frequency of Detection (FOD)	Units	Minimum Detected Concentration	Maximum Detected Concentration	Arithmetic Mean /Kaplan Meier Mean Concentration <sup>(b)</sup>	FOD ≤ 10%? (Yes/No)	Additional Screening Needed? (Yes/No)	Rationale
<b>4,4'-DDD</b>	17	40	43%	µg/kg	0.4	220	19.91	No	<b>Yes</b>	(2)
<b>4,4'-DDE</b>	20	41	49%	µg/kg	0.71 J	200	18.73	No	<b>Yes</b>	(2)
<b>4,4'-DDT</b>	22	43	51%	µg/kg	0.43 J	3000	84.55	No	<b>Yes</b>	(2)
<b>Dieldrin</b>	10	42	24%	µg/kg	5.8 J	200	16.36	No	<b>Yes</b>	(2)
<b>Endosulfan I</b>	12	42	29%	µg/kg	1.4	44	5.101	No	<b>Yes</b>	(2)
Endosulfan sulfate	3	38	8%	µg/kg	0.44 J	4.5	1.021	Yes	No	(1)
<b>Endrin</b>	9	42	21%	µg/kg	0.56 J	46	4.635	No	<b>Yes</b>	(2)
<b>Endrin aldehyde</b>	5	38	13%	µg/kg	3.2	12	4.029	No	<b>Yes</b>	(2)
<b>Endrin ketone</b>	18	42	43%	µg/kg	2.5 J	38	6.659	No	<b>Yes</b>	(2)
gamma-BHC (Lindane)	2	37	5%	µg/kg	2.4 J	26 JN	2.53	Yes	No	(1)
<b>gamma-Chlordane</b>	1	3	33%	µg/kg	4.2 JN	4.2 JN	2.8	No	<b>Yes</b>	(2)
<b>Heptachlor</b>	12	41	29%	µg/kg	2.3 J	150	9.75	No	<b>Yes</b>	(2)
<b>Heptachlor Epoxide</b>	6	33	18%	µg/kg	2.3 JN	88	7.615	No	<b>Yes</b>	(2)
Methoxychlor	2	42	5%	µg/kg	24 JN	36 J	18.96	Yes	No	(1)
<u>Dioxins/Furans</u>										
<b>TCDD TEQ</b>	8	8	100%	ng/kg	5.40E-04	29.64	9.38	No	<b>Yes</b>	(2)

Notes:

(a) Includes detected constituents in sediment not eliminated due to potential association with laboratory contamination.  
(b) Arithmetic Mean/Kaplan-Meier (KM) Mean calculated using USEPA's statistical program ProUCL (Version 5.0).  
FOD = Frequency of Detection  
mg/kg = milligram per kilogram  
µg/kg = microgram per kilogram  
ng/kg = nanograms per kilogram  
TCDD TEQ = Toxicity Equivalence Quotient for 2,3,7,8-TCDD  
≤ less than or equal to

Rationale Criteria:

(1) Constituent was eliminated from further evaluation due to low frequency of detection because infrequently detected constituents are unlikely to be associated with potential risks to site receptors.  
(2) Constituent retained for further evaluation due to a FOD greater than 10% and constituent is not potentially associated with laboratory contamination.

Data Flags:

B (organic) = Analyte found in associated blank as well as in sample  
B (inorganic) = Result treated as an estimated detected value less than the contract required detection limit but greater than the instrument detection limit  
D = Analysis at a secondary dilution factor  
J = Value is estimated  
N = Presumptive evidence of presence of material (tentative identification)

Prepared By/Date: SAG 12/3/14  
Checked By/Date: NSR 12/10/14

**TABLE 3-4**  
**Tier 1 Evaluation - Step 3A**  
**Human Health Screening of Detected Non-PCB Constituents in Sediment**  
**Area-Wide Non-PCB Constituent Screening Evaluation**  
**(Constituents in bold retained for further evaluation)**

			Tier 1 Human Health Screening Levels <sup>(b)</sup>					
		Maximum Detected Concentration (MDC)	Michigan Volatile Soil Inhalation Screening Level	Michigan Particulate Soil Inhalation Screening Level	Michigan Direct Contact Screening Level	MDC > Lowest Tier 1 Human Health Screening Level? (Y/N)	Additional Screening Needed? (Yes/No)	
Constituent <sup>(a)</sup>	Units							Rationale
<u>Inorganics/Metals</u>								
Aluminum	mg/kg	17600	NA	NA	5.00E+04	No	No	(1)
Antimony	mg/kg	5.2 B	NA	1.30E+04	1.80E+02	No	No	(1)
<b>Arsenic</b>	mg/kg	66.7	NA	7.20E+02	7.60E+00	Yes	<b>Yes</b>	(2)
Barium	mg/kg	1030	NA	3.30E+05	3.70E+04	No	No	(1)
Beryllium	mg/kg	1.2	NA	1.30E+03	4.10E+02	No	No	(1)
Cadmium	mg/kg	8.9	NA	1.70E+03	5.50E+02	No	No	(1)
Calcium	mg/kg	73900 J	NA	NA	NA	NA	No	(3)
<b>Chromium <sup>(c)</sup></b>	mg/kg	401	NA	2.60E+02	2.50E+06	Yes	<b>Yes</b>	(2)
Cobalt	mg/kg	48.3 J	NA	1.30E+04	2.60E+03	No	No	(1)
Copper	mg/kg	504	NA	1.30E+05	2.00E+04	No	No	(1)
Iron	mg/kg	23600	NA	N/A	1.60E+05	No	No	(1)
<b>Lead</b>	mg/kg	1200	NA	1.00E+05	4.00E+02	Yes	<b>Yes</b>	(2)
Magnesium	mg/kg	24500	NA	6.70E+06	1.00E+06	No	No	(1)
Manganese	mg/kg	1080	NA	3.30E+03	2.50E+04	No	No	(1)
Mercury	mg/kg	6.3	5.20E+01	2.00E+04	1.60E+02	No	No	(1)
Nickel	mg/kg	115	NA	1.30E+04	4.00E+04	No	No	(1)
Potassium	mg/kg	1170	NA	NA	NA	NA	No	(3)
Selenium	mg/kg	3.5 J	NA	1.30E+05	2.60E+03	No	No	(1)
Silver	mg/kg	10.7	NA	6.70E+03	2.50E+03	No	No	(1)
Sodium	mg/kg	394 J	NA	NA	1.00E+06	No	No	(3)
Vanadium	mg/kg	28.8	NA	NA	7.50E+02	No	No	(1)
Zinc	mg/kg	922 J	NA	NA	1.70E+05	No	No	(1)
<u>Volatile Organic Compounds</u>								
2-Butanone (Methyl ethyl ketone)	µg/kg	660 DJ	2.90E+07	6.70E+10	1.20E+08	No	No	(1)
Acetone	µg/kg	2000 DJ	1.30E+08	3.90E+11	2.30E+07	No	No	(1)
Carbon disulfide	µg/kg	19 J	1.30E+06	4.70E+10	7.20E+06	No	No	(1)
m+p-Xylenes <sup>(d)</sup>	µg/kg	7.2 J	4.60E+07	2.90E+11	4.10E+08	No	No	(1)
Methylene chloride (Dichloromethane)	µg/kg	270	2.10E+05	6.60E+09	1.30E+06	No	No	(1)

**TABLE 3-4**  
**Tier 1 Evaluation - Step 3A**  
**Human Health Screening of Detected Non-PCB Constituents in Sediment**  
**Area-Wide Non-PCB Constituent Screening Evaluation**  
**(Constituents in bold retained for further evaluation)**

			Tier 1 Human Health Screening Levels <sup>(b)</sup>					
		Maximum Detected Concentration (MDC)	Michigan Volatile Soil Inhalation Screening Level	Michigan Particulate Soil Inhalation Screening Level	Michigan Direct Contact Screening Level	MDC > Lowest Tier 1 Human Health Screening Level? (Y/N)	Additional Screening Needed? (Yes/No)	
Constituent <sup>(a)</sup>	Units							Rationale
Semi-Volatile Organic Compounds								
1,1-Biphenyl	µg/kg	71 J	NA	NA	NA	NA	No	(4)
2-Chlorobiphenyl	µg/kg	120 J	NA	NA	NA	NA	No	(4)
2-Methylphenol (o-Cresol) <sup>(e)</sup>	µg/kg	110 J	NA	6.70E+09	1.10E+07	No	No	(1)
4-Methylphenol (p-Cresol) <sup>(e)</sup>	µg/kg	4000	NA	6.70E+09	1.10E+07	No	No	(1)
Benzaldehyde	µg/kg	400 J	NA	NA	NA	NA	No	(4)
bis(2-Ethylhexyl)phthalate	µg/kg	3100 J	NA	7.00E+08	2.80E+06	No	No	(1)
Carbazole	µg/kg	540 J	NA	6.20E+07	5.30E+05	No	No	(1)
Dibenzofuran	µg/kg	390 J	1.30E+05	6.70E+06	N/A	No	No	(1)
Polycyclic Aromatic Hydrocarbons								
2-Methylnaphthalene	µg/kg	350 J	1.50E+06	6.70E+08	8.10E+06	No	No	(1)
Acenaphthene	µg/kg	490 J	8.10E+07	1.40E+10	4.10E+07	No	No	(1)
Acenaphthylene	µg/kg	460 J	2.20E+06	2.30E+09	1.60E+06	No	No	(1)
Anthracene	µg/kg	2200 J	1.40E+09	6.70E+10	2.30E+08	No	No	(1)
Benzo(a)anthracene	µg/kg	3800	NA	NA	2.00E+04	No	No	(1)
Benzo(a)pyrene	µg/kg	4500	NA	1.50E+06	2.00E+03	Yes	Yes	(2)
Benzo(b)fluoranthene	µg/kg	3900 D	NA	NA	2.00E+04	No	No	(1)
Benzo(g,h,i)perylene	µg/kg	1300	NA	8.00E+08	2.50E+06	No	No	(1)
Benzo(k)fluoranthene	µg/kg	4800 D	NA	NA	2.00E+05	No	No	(1)
Chrysene	µg/kg	5500	NA	NA	2.00E+06	No	No	(1)
Dibenzo(a,h)anthracene	µg/kg	410 J	NA	NA	2.00E+03	No	No	(1)
Fluoranthene	µg/kg	11,000 D	7.40E+08	9.30E+09	4.60E+07	No	No	(1)
Fluorene	µg/kg	750 J	1.30E+08	9.30E+09	2.70E+07	No	No	(1)
Indeno(1,2,3-cd)pyrene	µg/kg	1000 J	NA	NA	2.00E+04	No	No	(1)
Naphthalene	µg/kg	490	3.00E+05	2.00E+08	1.60E+07	No	No	(1)
Phenanthrene	µg/kg	5500 D	1.60E+05	6.70E+06	1.60E+06	No	No	(1)
Pyrene	µg/kg	9700 D	6.50E+08	6.70E+09	2.90E+07	No	No	(1)
Pesticides								
alpha-Chlordane <sup>(f)</sup>	µg/kg	38	1.20E+06	3.10E+07	3.10E+04	No	No	(1)
beta-Chlordane <sup>(f)</sup>	µg/kg	120 DJN	1.20E+06	3.10E+07	3.10E+04	No	No	(1)
delta-BHC <sup>(g)</sup>	µg/kg	1200 D	NA	NA	8.30E+03	No	No	(1)
4,4'-DDD	µg/kg	220	NA	4.40E+07	9.50E+04	No	No	(1)
4,4'-DDE	µg/kg	200	NA	3.20E+07	4.50E+04	No	No	(1)
4,4'-DDT	µg/kg	3000 DJ	NA	3.20E+07	5.70E+04	No	No	(1)
Dieldrin	µg/kg	200 JN	1.90E+04	6.80E+05	1.10E+03	No	No	(1)
Endosulfan I	µg/kg	44	NA	NA	1.40E+06	No	No	(1)

**TABLE 3-4**  
**Tier 1 Evaluation - Step 3A**  
**Human Health Screening of Detected Non-PCB Constituents in Sediment**  
**Area-Wide Non-PCB Constituent Screening Evaluation**  
**(Constituents in bold retained for further evaluation)**

Constituent <sup>(a)</sup>	Units	Maximum Detected Concentration (MDC)	Tier 1 Human Health Screening Levels <sup>(b)</sup>			MDC > Lowest Tier 1 Human Health Screening Level? (Y/N)	Additional Screening Needed? (Yes/No)	Rationale
			Michigan Volatile Soil Inhalation Screening Level	Michigan Particulate Soil Inhalation Screening Level	Michigan Direct Contact Screening Level			
Endrin	µg/kg	46 J	NA	NA	6.50E+04	No	No	(1)
Endrin aldehyde <sup>(h)</sup>	µg/kg	12	NA	NA	6.50E+04	No	No	(1)
Endrin ketone <sup>(h)</sup>	µg/kg	38 JN	NA	NA	6.50E+04	No	No	(1)
gamma-Chlordane	µg/kg	4.2 JN	1.20E+06	3.10E+07	3.10E+04	No	No	(1)
Heptachlor	µg/kg	150 J	6.20E+04	2.40E+06	5.60E+03	No	No	(1)
Heptachlor Epoxide	µg/kg	88 JN	NA	1.20E+06	3.10E+03	No	No	(1)
<u>Dioxin/Furans</u>								
TCDD TEQ	ng/kg	29.64	NA	7.10E+04	9.00E+01	No	No	(1)

Prepared By/Date: SAG 12/3/14

Checked By/Date: NSR 12/10/14

Notes:

(a) Includes detected constituents in sediment not potentially associated with laboratory contamination and constituents with a FOD greater than 10%.

(b) Sediment screening values for human health are not available; soil screening values used. Michigan Department of Environmental Quality, 2013. Table 2. Soil: Residential Part 201 Generic Cleanup Criteria and Screening Levels/Part 213 Risk-Based Screening Levels. December 30, 2013.

(c) Screening values for Chromium VI.

(d) Screening values for Xylenes (total).

(e) Screening values for Methylphenol.

(f) Screening values for Chlordane.

(g) Screening values for gamma-BHC (Lindane).

(h) Screening values for Endrin.

MDC = Maximum Detected Concentration

mg/kg = milligram per kilogram

µg/kg = microgram per kilogram

ng/kg = nanograms per kilogram

NA= Not available

TCDD TEQ = Toxicity Equivalence Quotient for 2,3,7,8-TCDD

> = greater than

Rationale Criteria:

(1) Constituent eliminated from further evaluation because the maximum detected concentration is below the lowest Tier 1 human health screening level.

(2) Constituent retained for further evaluation because the maximum detected concentration is above the lowest Tier 1 human health screening level.

(3) Constituent eliminated from further evaluation because it is considered a non-toxic essential nutrient.

(4) Constituent eliminated from further evaluation because a Tier 1 human health screening level is not available.

Data Flags:

B (organic) = Analyte found in associated blank as well as in sample

B (inorganic) = Result treated as an estimated detected value less than the contract required detection limit but greater than the instrument detection limit.

D = Analysis at a secondary dilution factor

J = Value is estimated

N = Presumptive evidence of presence of material (tentative identification)

**TABLE 3-5**  
**Tier 1 Evaluation - Step 3B**  
**Ecological Screening of Detected Non-PCB Constituents in Sediment**  
**Area-Wide Non-PCB Constituent Screening Evaluation**  
**(Constituents in bold retained for further evaluation)**

Constituent <sup>(a)</sup>	Units	Maximum Detected Concentration (MDC)	Tier 1 Ecological Sediment Screening Level- USEPA Region 5 <sup>(b)</sup>	MDC > Tier 1 Ecological Screening Level? (Yes/No)	Additional Screening Needed? (Yes/No)	Rationale
<u>Inorganics/Metals</u>						
Aluminum	mg/kg	17600	58030 (c)	No	No	(1)
Antimony	mg/kg	5.2 B	NA	NA	No	(4)
<b>Arsenic</b>	mg/kg	66.7	9.79	Yes	<b>Yes</b>	(2)
Barium	mg/kg	1030	NA	NA	No	(4)
Beryllium	mg/kg	1.2	NA	NA	No	(4)
<b>Cadmium</b>	mg/kg	8.9	0.99	Yes	<b>Yes</b>	(2)
Calcium	mg/kg	73900 J	NA	NA	No	(3)
<b>Chromium</b> <sup>(d)</sup>	mg/kg	401	43.4	Yes	<b>Yes</b>	(2)
Cobalt	mg/kg	48.3 J	50	No	No	(1)
<b>Copper</b>	mg/kg	504	31.6	Yes	<b>Yes</b>	(2)
Iron	mg/kg	23600	NA	NA	No	(3)
<b>Lead</b>	mg/kg	1200	35.8	Yes	<b>Yes</b>	(2)
Magnesium	mg/kg	24500	NA	NA	No	(3)
<b>Manganese</b>	mg/kg	1080	460 (e)	Yes	<b>Yes</b>	(2)
<b>Mercury</b>	mg/kg	6.3	0.174	Yes	<b>Yes</b>	(2)
<b>Nickel</b>	mg/kg	115	22.7	Yes	<b>Yes</b>	(2)
Potassium	mg/kg	1170	NA	NA	No	(3)
<b>Selenium</b>	mg/kg	3.5 J	2 (e)	Yes	<b>Yes</b>	(2)
<b>Silver</b>	mg/kg	10.7	0.5	Yes	<b>Yes</b>	(2)
Sodium	mg/kg	394 J	NA	NA	No	(3)
Vanadium	mg/kg	28.8	NA	NA	No	(4)
<b>Zinc</b>	mg/kg	922 J	121	Yes	<b>Yes</b>	(2)
<u>Volatile Organic Compounds</u>						
<b>2-Butanone (Methyl ethyl ketone)</b>	µg/kg	660 DJ	42.4	Yes	<b>Yes</b>	(2)
<b>Acetone</b>	µg/kg	2000 DJ	9.9	Yes	<b>Yes</b>	(2)
Carbon disulfide	µg/kg	19 J	23.9	No	No	(1)
m+p-Xylenes <sup>(f)</sup>	µg/kg	7.2 J	433	No	No	(1)
<b>Methylene chloride (Dichloromethane)</b>	µg/kg	270	159	Yes	<b>Yes</b>	(2)

**TABLE 3-5**  
**Tier 1 Evaluation - Step 3B**  
**Ecological Screening of Detected Non-PCB Constituents in Sediment**  
**Area-Wide Non-PCB Constituent Screening Evaluation**  
**(Constituents in bold retained for further evaluation)**

Constituent <sup>(a)</sup>	Units	Maximum Detected Concentration (MDC)	Tier 1 Ecological Sediment Screening Level- USEPA Region 5 <sup>(b)</sup>	MDC > Tier 1 Ecological Screening Level? (Yes/No)	Additional Screening Needed? (Yes/No)	Rationale
<u>Semi-Volatile Organic Compounds</u>						
<b>1,1-Biphenyl</b>	µg/kg	71 J	1.22 (e)	Yes	<b>Yes</b>	(2)
2-Chlorobiphenyl	µg/kg	120 J	NA	NA	No	(4)
<b>2-Methylphenol (o-Cresol)</b>	µg/kg	110 J	55.4	Yes	<b>Yes</b>	(2)
<b>4-Methylphenol (p-Cresol)</b>	µg/kg	4000	20.2	Yes	<b>Yes</b>	(2)
Benzaldehyde	µg/kg	400 J	NA	NA	No	(4)
<b>bis(2-Ethylhexyl)phthalate</b>	µg/kg	3100 J	182	Yes	<b>Yes</b>	(2)
Carbazole	µg/kg	540 J	NA	NA	No	(4)
Dibenzofuran	µg/kg	390 J	449	No	No	(1)
<u>Polycyclic Aromatic Hydrocarbons</u>						
<b>2-Methylnaphthalene</b>	µg/kg	350 J	20.2	Yes	<b>Yes</b>	(2)
<b>Acenaphthene</b>	µg/kg	490 J	6.71	Yes	<b>Yes</b>	(2)
<b>Acenaphthylene</b>	µg/kg	460 J	5.87	Yes	<b>Yes</b>	(2)
<b>Anthracene</b>	µg/kg	2200 J	57.2	Yes	<b>Yes</b>	(2)
<b>Benzo(a)anthracene</b>	µg/kg	3800	108	Yes	<b>Yes</b>	(2)
<b>Benzo(a)pyrene</b>	µg/kg	4500	150	Yes	<b>Yes</b>	(2)
Benzo(b)fluoranthene	µg/kg	3900 D	10400	No	No	(1)
<b>Benzo(g,h,i)perylene</b>	µg/kg	1300	170	Yes	<b>Yes</b>	(2)
<b>Benzo(k)fluoranthene</b>	µg/kg	4800 D	240	Yes	<b>Yes</b>	(2)
<b>Chrysene</b>	µg/kg	5500	166	Yes	<b>Yes</b>	(2)
<b>Dibenzo(a,h)anthracene</b>	µg/kg	410 J	33	Yes	<b>Yes</b>	(2)
<b>Fluoranthene</b>	µg/kg	11,000 D	423	Yes	<b>Yes</b>	(2)
<b>Fluorene</b>	µg/kg	750 J	77.4	Yes	<b>Yes</b>	(2)
<b>Indeno(1,2,3-cd)pyrene</b>	µg/kg	1000 J	200	Yes	<b>Yes</b>	(2)
<b>Naphthalene</b>	µg/kg	490	176	Yes	<b>Yes</b>	(2)
<b>Phenanthrene</b>	µg/kg	5500 D	204	Yes	<b>Yes</b>	(2)
<b>Pyrene</b>	µg/kg	9700 D	195	Yes	<b>Yes</b>	(2)
<u>Pesticides</u>						
<b>alpha-Chlordane <sup>(g)</sup></b>	µg/kg	38	3.24	Yes	<b>Yes</b>	(2)
<b>beta-Chlordane <sup>(g)</sup></b>	µg/kg	120 DJN	3.24	Yes	<b>Yes</b>	(2)
delta-BHC	µg/kg	1200 D	71500	No	No	(1)
<b>4,4'-DDD</b>	µg/kg	220	4.88	Yes	<b>Yes</b>	(2)
<b>4,4'-DDE</b>	µg/kg	200	3.16	Yes	<b>Yes</b>	(2)
<b>4,4'-DDT</b>	µg/kg	3000 DJ	4.16	Yes	<b>Yes</b>	(2)
<b>Dieldrin</b>	µg/kg	200 JN	1.9	Yes	<b>Yes</b>	(2)
<b>Endosulfan I</b>	µg/kg	44	3.26	Yes	<b>Yes</b>	(2)
<b>Endrin</b>	µg/kg	46 J	2.22	Yes	<b>Yes</b>	(2)
Endrin aldehyde	µg/kg	12	480	No	No	(1)
<b>Endrin ketone <sup>(h)</sup></b>	µg/kg	38 JN	2.22	Yes	<b>Yes</b>	(2)



**TABLE 3-5**  
**Tier 1 Evaluation - Step 3B**  
**Ecological Screening of Detected Non-PCB Constituents in Sediment**  
**Area-Wide Non-PCB Constituent Screening Evaluation**  
**(Constituents in bold retained for further evaluation)**

Constituent <sup>(a)</sup>	Units	Maximum Detected Concentration (MDC)	Tier 1 Ecological Sediment Screening Level- USEPA Region 5 <sup>(b)</sup>	MDC > Tier 1 Ecological Screening Level? (Yes/No)	Additional Screening Needed? (Yes/No)	Rationale
<b>gamma-Chlordane</b>	µg/kg	4.2 JN	3.24	Yes	<b>Yes</b>	(2)
<b>Heptachlor</b>	µg/kg	150 J	0.6	Yes	<b>Yes</b>	(2)
<b>Heptachlor Epoxide</b>	µg/kg	88 JN	2.47	Yes	<b>Yes</b>	(2)
<u>Dioxin/Furans</u>						
<b>TCDD TEQ</b>	ng/kg	29.64	0.12	Yes	<b>Yes</b>	(2)

Prepared By/Date: SAG 12/3/14

Checked By/Date: NSR 12/10/14

Notes:

(a) Includes detected constituents in sediment not potentially associated with laboratory contamination and constituents with a FOD greater than 10%.

(b) USEPA, 2003. USEPA Region 5 RCRA Ecological Screening Levels. August 22, 2003.

(c) USEPA Region 5 RCRA sediment screening level not available for aluminum. Toxicity for aluminum assumes a pH less than 5.5. Value is Probable Effects Concentration (PEC) obtained from:

Jones, D.S., G.W. Suter II, and R.N. Hull. 1997. Toxicological Benchmarks for Screening Contaminants of Potential Concern for Effects on Sediment-Associated Biota: 1997 Revision. Oak Ridge National Laboratory, Oak Ridge TN. 34 pp. ES/ER/TM-95/R4.  
<http://www.esd.ornl.gov/programs/ecorisk/documents/tm95r4.pdf>.

(d) Screening value for Chromium III.

(e) USEPA Region 3 screening value. USEPA Region III BTAG Freshwater Sediment Screening Benchmarks. August 2006.  
[http://www.epa.gov/reg3hscd/risk/eco/btag/sbv/fwsed/R3\\_BTAG\\_FW\\_Sediment\\_Benchmarks\\_8-06.pdf](http://www.epa.gov/reg3hscd/risk/eco/btag/sbv/fwsed/R3_BTAG_FW_Sediment_Benchmarks_8-06.pdf).

(f) Screening value for Xylenes (total).

(g) Screening value for Chlordane.

(h) Screening value for Endrin.

MDC = Maximum Detected Concentration

mg/kg = milligram per kilogram

µg/kg = microgram per kilogram

ng/kg = nanograms per kilogram

NA= Not available

TCDD TEQ = Toxicity Equivalence Quotient for 2,3,7,8-TCDD

> = greater than

Rationale Criteria:

(1) Constituent eliminated from further evaluation because the maximum detected concentration is below the Tier 1 ecological screening level.

(2) Constituent retained for further evaluation because the maximum detected concentration is above the Tier 1 ecological screening level.

(3) Constituent eliminated from further evaluation because it is considered a non-toxic essential nutrient.

(4) Constituent eliminated from further evaluation because a Tier 1 ecological screening level is not available.

Data Flags:

B (organic) = Analyte found in associated blank as well as in sample

B (inorganic) = Result treated as an estimated detected value less than the contract required detection limit but greater than the instrument detection limit.

D = Analysis at a secondary dilution factor

J = Value is estimated

N = Presumptive evidence of presence of material (tentative identification)

**TABLE 3-6**  
**Tier 1 Evaluation - Step 4**  
**Reference Screening of Detected Non-PCB Constituents in Sediment**  
**Area-Wide Non-PCB Constituent Screening Evaluation**  
**(Constituents in bold retained for further evaluation)**

Constituent <sup>(a)</sup>	Units	Arithmetic Mean /Kaplan Meier Mean Concentration <sup>(b)</sup>	Range of Upstream Reference Detected Sediment Concentrations <sup>(c)</sup>	Range of Morrow Lake Reference Detected Sediment Concentrations <sup>(d)</sup>	Mean Below or Within Range of Upstream/Morrow Lake Reference Detected Concentrations? (Yes/No)	Retained for Tier 2 Screening?	Rationale
<u>Inorganics/Metals</u>							
Arsenic	mg/kg	11.14	14	1.3 J - 26 J	Yes	No	(1)
Cadmium	mg/kg	2.519	9.6	0.02 J - 4	Yes	No	(1)
Chromium	mg/kg	70.24	180	2.7 J - 450	Yes	No	(1)
Copper	mg/kg	112.6	35	1.1 - 230	Yes	No	(1)
<b>Lead</b>	mg/kg	293.7	68	1.7 - 180	No	<b>Yes</b>	(2)
<b>Manganese</b>	mg/kg	282.4	NA	NA	NA	<b>Yes</b>	(3)
Mercury	mg/kg	1.219	0.03 J - 0.29	0.011 J - 1.5	Yes	No	(1)
Nickel	mg/kg	21.37	2.7 - 23	1.5 J - 117	Yes	No	(1)
Selenium	mg/kg	1.304	1.9 J	0.14 J - 2.9 B	Yes	No	(1)
Silver	mg/kg	1.7	0.43 J	0.049 J - 4.3	Yes	No	(1)
Zinc	mg/kg	255.2	480	7.7 J - 600 B	Yes	No	(1)
<u>Volatile Organic Compounds</u>							
2-Butanone (Methyl ethyl ketone)	µg/kg	73.56	36 J	2.4 J - 220	Yes	No	(1)
Acetone	µg/kg	236.4	110 J - 280 J	3.2 J - 9700	Yes	No	(1)
Methylene chloride (Dichloromethane)	µg/kg	9.598	20 J - 40 J	10 J - 420 J	Yes	No	(1)
<u>Semi-Volatile Organic Compounds</u>							
1,1-Biphenyl	µg/kg	60.5	NA	<120 - <1600	Yes	No	(1)
2-Methylphenol (o-Cresol)	µg/kg	67.33	<780	29	Yes	No	(1)
<b>4-Methylphenol (p-Cresol)</b>	µg/kg	307.6	NA	NA	NA	<b>Yes</b>	(3)
bis(2-Ethylhexyl)phthalate	µg/kg	443.1	<780	22 J - 3500	Yes	No	(1)
<u>Polycyclic Aromatic Hydrocarbons</u>							
2-Methylnaphthalene	µg/kg	103.6	130 J - 150 J	NA <sup>(e)</sup>	Yes	No	(1)
Acenaphthene	µg/kg	158.4	30 J - 330	NA <sup>(e)</sup>	Yes	No	(1)
Acenaphthylene	µg/kg	115.7	220 - 460	NA <sup>(e)</sup>	Yes	No	(1)
Anthracene	µg/kg	317	100 J - 3900	NA <sup>(e)</sup>	Yes	No	(1)
Benzo(a)anthracene	µg/kg	905.6	90 J - 7300	NA <sup>(e)</sup>	Yes	No	(1)
Benzo(a)pyrene	µg/kg	986.2	60 J - 6100	NA <sup>(e)</sup>	Yes	No	(1)
Benzo(g,h,i)perylene	µg/kg	284.2	380	NA <sup>(e)</sup>	Yes	No	(1)
<b>Benzo(k)fluoranthene</b>	µg/kg	874	240 - 520	NA <sup>(e)</sup>	No	<b>Yes</b>	(2)
Chrysene	µg/kg	1155	80 - 8600	NA <sup>(e)</sup>	Yes	No	(1)
<b>Dibenzo(a,h)anthracene</b>	µg/kg	132.3	99 J	NA <sup>(e)</sup>	No	<b>Yes</b>	(2)
Fluoranthene	µg/kg	1961	80 J - 13000	NA <sup>(e)</sup>	Yes	No	(1)
Fluorene	µg/kg	189.2	76 J - 870	NA <sup>(e)</sup>	Yes	No	(1)
Indeno(1,2,3-cd)pyrene	µg/kg	276.8	60 J - 1600	NA <sup>(e)</sup>	Yes	No	(1)
Naphthalene	µg/kg	131.6	120 J - 410	NA <sup>(e)</sup>	Yes	No	(1)
Phenanthrene	µg/kg	1197	160 J - 8800	NA <sup>(e)</sup>	Yes	No	(1)
Pyrene	µg/kg	1825	80 J - 13000	NA <sup>(e)</sup>	Yes	No	(1)
<u>Pesticides</u>							
<b>alpha-Chlordane</b>	µg/kg	5.257	NA	NA	NA	<b>Yes</b>	(3)
<b>beta-Chlordane</b>	µg/kg	10.96	NA	NA	NA	<b>Yes</b>	(3)
<b>4,4'-DDD</b>	µg/kg	19.91	NA	NA	NA	<b>Yes</b>	(3)
<b>4,4'-DDE</b>	µg/kg	18.73	NA	NA	NA	<b>Yes</b>	(3)

**TABLE 3-6**  
**Tier 1 Evaluation - Step 4**  
**Reference Screening of Detected Non-PCB Constituents in Sediment**  
**Area-Wide Non-PCB Constituent Screening Evaluation**  
**(Constituents in bold retained for further evaluation)**

Constituent <sup>(a)</sup>	Units	Arithmetic Mean /Kaplan Meier Mean Concentration <sup>(b)</sup>	Range of Upstream Reference Detected Sediment Concentrations <sup>(c)</sup>	Range of Morrow Lake Reference Detected Sediment Concentrations <sup>(d)</sup>	Mean Below or Within Range of Upstream/Morrow Lake Reference Detected Concentrations? (Yes/No)	Retained for Tier 2 Screening?	Rationale
<b>4,4'-DDT</b>	µg/kg	84.55	NA	NA	NA	<b>Yes</b>	(3)
<b>Dieldrin</b>	µg/kg	16.36	NA	NA	NA	<b>Yes</b>	(3)
<b>Endosulfan I</b>	µg/kg	5.101	NA	NA	NA	<b>Yes</b>	(3)
<b>Endrin</b>	µg/kg	4.635	NA	NA	NA	<b>Yes</b>	(3)
<b>Endrin ketone</b>	µg/kg	6.659	NA	NA	NA	<b>Yes</b>	(3)
<b>gamma-Chlordane</b>	µg/kg	2.8	NA	NA	NA	<b>Yes</b>	(3)
<b>Heptachlor</b>	µg/kg	9.75	NA	NA	NA	<b>Yes</b>	(3)
<b>Heptachlor Epoxide</b>	µg/kg	7.615	NA	NA	NA	<b>Yes</b>	(3)
<u>Dioxin/Furans</u>							
<b>TCDD TEQ</b>	ng/kg	9.38	NA	NA	NA	<b>Yes</b>	(3)

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Notes:

(a) Includes detected constituents in sediment not potentially associated with laboratory contamination, constituents with a FOD greater than 10%, and with maximum detected concentrations above the Tier 1 human health or ecological screening levels.

(b) Arithmetic Mean/Kaplan-Meier (KM) Mean calculated using USEPA's statistical program ProUCL (Version 5.0).

(c) Sediment data collected at Marshall Reservoir upstream of Ceresco Reservoir (ABSA-1).

(d) Sediment data collected in Morrow Lake (ABSA-2).

(e) Lake Morrow Sediment Reference concentrations for potentially petroleum-related compounds such as polycyclic aromatic hydrocarbons are not used for screening purpose

mg/kg = milligram per kilogram

µg/kg = microgram per kilogram

ng/kg = nanograms per kilogram

NA= Not available or Not Applicable

TCDD TEQ = Toxicity Equivalence Quotient for 2,3,7,8-TCDD

Rationale Criteria:

(1) Constituent eliminated from further evaluation because the mean concentration is below or within the range of detected concentrations for the upstream/Morrow Lake reference areas.

(2) Constituent retained for Tier 2 screening because the mean concentration is above the range of detected concentrations for the upstream and/or Morrow Lake reference areas.

(3) Constituent retained for Tier 2 screening because no upstream/Morrow Lake reference concentrations are available for screening.

Data Flags:

B (inorganic) = Result treated as an estimated detected value less than the contract required detection limit but greater than the instrument detection limit

J = Value is estimated

**TABLE 3-7**  
**Tier 1 Evaluation**  
**Summary of Sediment Non-PCB Constituents Selected for Tier 2 Evaluation - Human Health**  
**Area-Wide Non-PCB Constituent Screening Evaluation**  
**(Constituents in bold retained for further evaluation in the Tier 2 human health screening)**

Constituent <sup>(a)</sup>	STEP 1: Eliminated - Potential Lab Contaminant	STEP 2: Eliminated - FOD ≤ 10%	STEP 3A: Eliminated - Human Health Tier 1 Screening			STEP 4: Eliminated - Below or Within Reference Range of Detected Concentrations	Retained for Tier 2 Human Health Screening
			Below Screening Level	Essential Nutrient	No Screening Level		
Inorganics/Metals							
Aluminum			X				
Antimony			X				
Barium			X				
Beryllium			X				
Cadmium			X				
Cobalt			X				
Copper			X				
Iron			X				
Magnesium			X				
Manganese			X				
Mercury			X				
Nickel			X				
Selenium			X				
Silver			X				
Vanadium			X				
Zinc			X				
Calcium				X			
Potassium				X			
Sodium				X			
Arsenic						X	
Chromium						X	
Lead							X
Volatile Organic Compounds							
Toluene	X						
1,4-Dichlorobenzene		X					
Benzene		X					
Chlorobenzene		X					
Cyclohexane		X					
Ethylbenzene		X					
Tetrachloroethene (PCE)		X					
Trichloroethene (TCE)		X					
Acetone			X				
2-Butanone (Methyl ethyl ketone)			X				
Carbon disulfide			X				
Methylene chloride (Dichloromethane)			X				
m+p-Xylenes			X				
Semi-Volatile Organic Compounds							
Di-n-octyl phthalate	X						
Butyl benzyl phthalate	X						
2,4-Dimethylphenol		X					
4-Chloro-3-Methylphenol		X					
Phenol		X					
Dimethyl phthalate		X					
Di-n-butyl phthalate		X					
2-Methylphenol (o-Cresol)			X				
4-Methylphenol (p-Cresol)			X				
Carbazole			X				
Dibenzofuran			X				
bis(2-Ethylhexyl)phthalate			X				
1,1-Biphenyl					X		
2-Chlorobiphenyl					X		
Benzaldehyde					X		
Polycyclic Aromatic Hydrocarbons							
2-Methylnaphthalene			X				
Acenaphthene			X				
Acenaphthylene			X				
Anthracene			X				
Benzo(a)anthracene			X				
Benzo(b)fluoranthene			X				
Benzo(g,h,i)perylene			X				
Benzo(k)fluoranthene			X				
Chrysene			X				
Dibenzo(a,h)anthracene			X				
Fluoranthene			X				

**TABLE 3-7**  
**Tier 1 Evaluation**  
**Summary of Sediment Non-PCB Constituents Selected for Tier 2 Evaluation - Human Health**  
**Area-Wide Non-PCB Constituent Screening Evaluation**  
**(Constituents in bold retained for further evaluation in the Tier 2 human health screening)**

Constituent <sup>(a)</sup>	STEP 1: Eliminated - Potential Lab Contaminant	STEP 2: Eliminated - FOD ≤ 10%	STEP 3A: Eliminated - Human Health Tier 1 Screening			STEP 4: Eliminated - Below or Within Reference Range of Detected Concentrations	Retained for Tier 2 Human Health Screening
			Below Screening Level	Essential Nutrient	No Screening Level		
Fluorene			X				
Indeno(1,2,3-cd)pyrene			X				
Naphthalene			X				
Phenanthrene			X				
Pyrene			X				
Benzo(a)pyrene						X	
<b>Pesticides</b>							
alpha-BHC		X					
beta-BHC		X					
Endosulfan sulfate		X					
gamma-BHC (Lindane)		X					
Methoxychlor		X					
alpha-Chlordane			X				
beta-Chlordane			X				
4,4'-DDD			X				
4,4'-DDE			X				
4,4'-DDT			X				
Dieldrin			X				
Endosulfan I			X				
Endrin			X				
gamma-Chlordane			X				
Heptachlor			X				
Heptachlor Epoxide			X				
delta-BHC			X				
Endrin aldehyde			X				
Endrin ketone			X				
<b>Dioxins/Furans</b>							
TCDD TEQ			X				

**Notes:**

(a) Includes detected constituents in sediment.

FOD = Frequency of Detection

TCDD TEQ = Toxicity Equivalence Quotient for 2,3,7,8-TCDD

≤ = less than or equal to

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**TABLE 3-8**  
**Tier 1 Evaluation**  
**Summary of Sediment Non-PCB Constituents Selected for Tier 2 Evaluation - Ecological**  
**Area-Wide Non-PCB Constituent Screening Evaluation**  
 (Constituents in bold retained for further evaluation in the Tier 2 ecological screening)

Constituent <sup>(a)</sup>	STEP 1: Eliminated - Potential Lab Contaminant	STEP 2: Eliminated - FOD ≤ 10%	STEP 3B: Eliminated - Ecological Tier 1 Screening			STEP 4: Eliminated - Below or Within Reference Range of Detected Concentrations	Retained for Tier 2 Ecological Screening
			Below Screening Level	Essential Nutrient	No Screening Level		
Inorganics/Metals							
Aluminum			X				
Cobalt			X				
Calcium				X			
Iron				X			
Magnesium				X			
Potassium				X			
Sodium				X			
Antimony					X		
Barium					X		
Beryllium					X		
Vanadium					X		
Cadmium						X	
Copper						X	
Mercury						X	
Nickel						X	
Selenium						X	
Silver						X	
Zinc						X	
Arsenic						X	
Chromium						X	
Lead							X
Manganese							X
Volatile Organic Compounds							
Toluene	X						
1,4-Dichlorobenzene		X					
Benzene		X					
Chlorobenzene		X					
Cyclohexane		X					
Ethylbenzene		X					
Tetrachloroethene (PCE)		X					
Trichloroethene (TCE)		X					
Carbon disulfide			X				
m+p-Xylenes			X				
2-Butanone (Methyl ethyl ketone)						X	
Acetone						X	
Methylene chloride (Dichloromethane)						X	
Semi-Volatile Organic Compounds							
Di-n-octyl phthalate	X						
Butyl benzyl phthalate	X						
2,4-Dimethylphenol		X					
4-Chloro-3-Methylphenol		X					
Phenol		X					
Dimethyl phthalate		X					
Di-n-butyl phthalate		X					
Dibenzofuran			X				
2-Chlorobiphenyl					X		
Carbazole					X		
Benzaldehyde					X		
1,1-Biphenyl						X	
2-Methylphenol (o-Cresol)						X	
bis(2-Ethylhexyl)phthalate						X	
4-Methylphenol (p-Cresol)							X
Polycyclic Aromatic Hydrocarbons							
Benzo(b)fluoranthene			X				
2-Methylnaphthalene						X	
Acenaphthene						X	
Acenaphthylene						X	
Anthracene						X	
Benzo(a)anthracene						X	
Benzo(a)pyrene						X	
Benzo(g,h,i)perylene						X	
Chrysene						X	
Fluoranthene						X	
Fluorene						X	
Indeno(1,2,3-cd)pyrene						X	

**TABLE 3-8**  
**Tier 1 Evaluation**  
**Summary of Sediment Non-PCB Constituents Selected for Tier 2 Evaluation - Ecological**  
**Area-Wide Non-PCB Constituent Screening Evaluation**  
 (Constituents in bold retained for further evaluation in the Tier 2 ecological screening)

Constituent <sup>(a)</sup>	STEP 1: Eliminated - Potential Lab Contaminant	STEP 2: Eliminated - FOD ≤ 10%	STEP 3B: Eliminated - Ecological Tier 1 Screening			STEP 4: Eliminated - Below or Within Reference Range of Detected Concentrations	Retained for Tier 2 Ecological Screening
			Below Screening Level	Essential Nutrient	No Screening Level		
Naphthalene						X	
Phenanthrene						X	
Pyrene						X	
<b>Benzo(k)fluoranthene</b>							X
<b>Dibenzo(a,h)anthracene</b>							X
<b>Pesticides</b>							
alpha-BHC		X					
beta-BHC		X					
Endosulfan sulfate		X					
gamma-BHC (Lindane)		X					
Methoxychlor		X					
delta-BHC			X				
Endrin aldehyde			X				
<b>alpha-Chlordane</b>							X
<b>beta-Chlordane</b>							X
<b>4,4'-DDD</b>							X
<b>4,4'-DDE</b>							X
<b>4,4'-DDT</b>							X
Dieldrin							X
Endosulfan I							X
Endrin							X
Endrin ketone							X
gamma-Chlordane							X
Heptachlor							X
Heptachlor Epoxide							X
<b>Dioxins/Furans</b>							
<b>TCDD TEQ</b>							X

Notes:

(a) Includes detected constituents in sediment.

FOD = Frequency of Detection

TCDD TEQ = Toxicity Equivalence Quotient for 2,3,7,8-TCDD

≤ = less than or equal to

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**TABLE 3-9**  
**Tier 2 Evaluation - Step 5A**  
**Human Health Hazard Quotients for Screened Non-PCB Constituents in Sediment**  
**Area-Wide Non-PCB Constituent Screening Evaluation**

Constituent <sup>(a)</sup>	Units	UCL Concentration	Arithmetic Mean /Kaplan Meier Mean Concentration <sup>(b)</sup>	Lowest Human Health Screening Level <sup>(c)</sup>	UCL Hazard Quotient	Mean Hazard Quotient <sup>(d)</sup>	Constituent of Interest? <sup>(e)</sup>
<u>Metals/Inorganics</u> Lead <sup>(f)</sup>	mg/kg	NA	294	400	NA	0.7	--

**Notes:**

(a) Constituent retained for Tier 2 human health screening evaluation.

(b) Calculated using USEPA ProUCL Version 5.0.

(c) Sediment screening values for human health are not available; soil screening values used. Lowest human health screening level from Michigan Department of Environmental Quality, 2013. Table 2. Soil: Residential Part 201 Generic Cleanup Criteria and Screening Levels/Part 213 Risk-Based Screening Levels. December 30, 2013.

(d) Hazard Quotient (HQ) = Mean Concentration/Lowest Soil Screening Level

(e) Constituents with HQs > 10 designated as primary COIs. Constituents with HQs >1, but HQ ≤ 10 designated as secondary COIs.

(f) Mean concentration used for comparison to lead direct contact value in accordance with current lead pharmacokinetic modeling guidance.

mg/kg = milligrams per kilogram

UCL = upper confidence limit of the mean concentration

NA = Not Applicable for human health evaluation of lead

-- Not a COI

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**TABLE 3-10**  
**Tier 2 Evaluation - Step 5B**  
**Ecological Hazard Quotients for Screened Non-PCB Constituents in Sediment**  
**Area-Wide Non-PCB Constituent Screening Evaluation**  
**(Constituents in bold have ecological Hazard Quotients (HQs) > 1)**

Constituent <sup>(a)</sup>	Units	UCL Concentration <sup>(b)</sup>	Arithmetic Mean /Kaplan Meier Mean Concentration <sup>(b)</sup>	Tier 2 ESV	UCL Hazard Quotient <sup>(c)</sup>	Mean Hazard Quotient <sup>(c)</sup>	Constituent of Interest? <sup>(h)</sup>
<u>Metals/Inorganics</u>							
<b>Lead</b>	mg/kg	427	294	128 (d)	<b>3</b>	<b>2</b>	Secondary COI
Manganese	mg/kg	326	282	460 (e)	0.7	0.6	--
<u>Semi-Volatile Organic Compounds (SVOCs)</u>							
4-Methylphenol (p-Cresol)	µg/kg	553	308	670 (e)	0.8	0.5	--
<u>Polycyclic Aromatic Hydrocarbons</u>							
<b>Benzo(k)fluoranthene</b>	µg/kg	1249	874	240 (e)	<b>5</b>	<b>4</b>	Secondary COI
<b>Dibenzo(a,h)anthracene</b>	µg/kg	162	132	33 (e)	<b>5</b>	<b>4</b>	Secondary COI
<u>Pesticides</u>							
alpha-Chlordane	µg/kg	8.72	5.26	17.6 (d)(f)	0.5	0.3	--
beta-Chlordane	µg/kg	20.2	11.0	17.6 (d)(f)	1	0.6	--
<b>4,4'-DDD</b>	µg/kg	44.5	19.9	28 (d)	<b>2</b>	0.7	--
4,4'-DDE	µg/kg	35.9	18.7	31.3 (d)	1	0.6	--
<b>4,4'-DDT</b>	µg/kg	524	84.6	62.9 (d)	<b>8</b>	1	--
Dieldrin	µg/kg	26.8	16.4	61.8 (d)	0.4	0.3	--
<b>Endosulfan I</b>	µg/kg	9.21	5.10	2.9 (e)	<b>3</b>	<b>2</b>	Secondary COI
Endrin	µg/kg	7.55	4.64	207 (d)	0.04	0.02	--
Endrin ketone	µg/kg	9.01	6.66	207 (d)(g)	0.04	0.03	--
gamma-Chlordane	µg/kg	4.2 (i)	2.8	17.6 (d)(f)	0.2	0.2	--
Heptachlor	µg/kg	22.3	9.75	68 (e)	0.3	0.1	--
Heptachlor Epoxide	µg/kg	14.2	7.62	16 (d)	0.9	0.5	--
<u>Dioxins/Furans</u>							
<b>TCDD TEQ</b>	ng/kg	17.4	9.38	0.85 (e)	<b>20</b>	<b>11</b>	Primary COI

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**Notes:**

(a) Constituents retained for Tier 2 ecological screening evaluation.

(b) Calculated using USEPA ProUCL Version 5.0.

(c) Hazard Quotient (HQ) = UCL Concentration or Mean / Tier 2 ESV

(d) Consensus-based probable effects concentration (PEC) from MacDonald et al. (2000). *Development and Evaluation of Consensus-Based Sediment Quality Guidelines for Freshwater Ecosystems*. Arch. Environ. Contam. Toxicol. 39, 20–31 (2000).

(e) USEPA Region 3 BTAG Freshwater Sediment Screening Benchmarks. August 2006.

[http://www.epa.gov/reg3hscd/risk/eco/btag/sbv/fwsed/R3\\_BTAG\\_FW\\_Sediment\\_Benchmarks\\_8-06.pdf](http://www.epa.gov/reg3hscd/risk/eco/btag/sbv/fwsed/R3_BTAG_FW_Sediment_Benchmarks_8-06.pdf).

(f) Value for Chlordane.

(g) Value for Endrin.

(h) Constituents with HQs > 10 designated as primary COIs. Constituents with HQs > 1, but HQ ≤ 10 designated as secondary COIs.

(i) Not enough data points to perform UCL calculation; maximum detected concentration used.

mg/kg = milligrams per kilogram

ng/kg = nanograms per kilogram

µg/kg = micrograms per kilogram

UCL = upper confidence limit of the mean concentration

TCDD TEQ = Toxicity Equivalence Quotient for 2,3,7,8-TCDD

ESV = Ecological Screening Value

-- Not a COI

**TABLE 3-11**  
**Tier 2 Evaluation - Step 5A**  
**Summary of Non-PCB Constituents of Interest (COIs) in Sediment - Human Health**  
**Area-Wide Non-PCB Constituent Screening Evaluation**

Parameter	Eliminated as a COI <sup>(a)</sup>	Selected as a Primary COI <sup>(b)</sup>	Selected as a Secondary COI <sup>(c)</sup>
<b>Inorganics/Metals</b>			
Lead	X		

Notes:

COI = Constituent of Interest

(a) Constituent eliminated as a COI if the mean HQ is less than or equal to 1 (Table 3-9).

(b) Constituent selected as a primary COI if the mean HQ is greater than 10 (Table 3-9).

(c) Constituent selected as a secondary COI if the mean HQ is greater than 1 and less than or equal to 10 (Table 3-9).

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**TABLE 3-12**  
**Tier 2 Evaluation - Step 5B**  
**Summary of Non-PCB Constituents of Interest (COIs) in Sediment - Ecological**  
**Area-Wide Non-PCB Constituent Screening Evaluation**  
**(Constituents in bold retained as COIs and/or secondary COIs)**

Parameter	Eliminated as a COI <sup>(a)</sup>	Selected as a Primary COI <sup>(b)</sup>	Selected as a Secondary COI <sup>(c)</sup>
<b>Inorganics/Metals</b>			
Manganese	X		
<b>Lead</b>			X
<b>Semi-Volatile Organic Compounds</b>			
4-Methylphenol (p-Cresol)	X		
<b>Polycyclic Aromatic Hydrocarbons</b>			
<b>Benzo(k)fluoranthene</b>			X
<b>Dibenzo(a,h)anthracene</b>			X
<b>Pesticides</b>			
alpha-Chlordane	X		
beta-Chlordane	X		
4,4'-DDD	X		
4,4'-DDE	X		
4,4'-DDT	X		
Dieldrin	X		
Endrin	X		
Endrin ketone	X		
gamma-Chlordane	X		
Heptachlor	X		
Heptachlor Epoxide	X		
<b>Endosulfan I</b>			X
<b>Dioxins/Furans</b>			
<b>TCDD TEQ</b>		X	

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Notes:

COI = Constituent of Interest

(a) Constituent eliminated as a COI if the mean HQ is less than or equal to 1 (Table 3-10).

(b) Constituent selected as a primary COI if the mean HQ is greater than 10 (Table 3-10).

(c) Constituent selected as a secondary COI if the HQ is greater than 1 and less than or equal to 10 (Table 3-10).

TABLE 3-13  
Tier 2 Evaluation - Step 6  
Comparison of Non-PCB Constituents of Interest (COIs) Concentrations in Site Sediments to Paper Residuals Concentrations  
Area-Wide Non-PCB Constituent Screening Evaluation

Constituent	SITE SEDIMENTS									PAPER RESIDUALS									Paper Residuals and Soils Significantly Different? <sup>(a)</sup> (Yes/No)	Median Sediment > Median Residuals? <sup>(a)</sup> (Yes/No)
	Number of Detects	Number of Samples	Frequency of Detects	Units	Minimum Detected Concentrations	Maximum Detected Concentration (MDC)	Arithmetic Mean /Kaplan Meier Mean Concentration	Kaplan Meier Standard Deviation	Median Detected Concentration	Number of Detects	Number of Samples	Frequency of Detects	Units	Minimum Detected Concentrations	Maximum Detected Concentration (MDC)	Arithmetic Mean /Kaplan Meier Mean Concentration	Kaplan Meier Standard Deviation	Median Detected Concentration		
<b>Primary COIs <sup>(b)</sup></b> <u>Dioxins</u> TCDD TEQ	8	8	100%	ng/kg	5.40E-04	29.64	9.38	11.9	4.197	13	13	100%	ng/kg	0.989	2023	357	556	141	Yes	No
<b>Secondary COIs <sup>(c)</sup></b> <u>Metals/Inorganics</u> Lead	42	42	100%	mg/kg	1.5	1,200	294	332	145	63	63	100%	mg/kg	7.8	1,440	358	332	308	No	--
<u>Pesticides</u> Endosulfan I	12	42	29%	µg/kg	1.4	44	5.10	9.85	6.5	0	63	0%	µg/kg	NA	<420 U	NA	NA	NA	NA	NA
<u>Polycyclic Aromatic Hydrocarbons</u> Benzo(k)fluoranthene	28	42	67%	µg/kg	36	4,800 D	874	1079	735	0	63	0%	µg/kg	NA	<89,000 U	NA	NA	NA	NA	NA
Dibenzo(a,h)anthracene	24	42	57%	µg/kg	27	410 J	132	90.4	120	0	63	0%	µg/kg	NA	<89,000 U	NA	NA	NA	NA	NA

Notes:  
(a) Statistical analysis results and output presented in the appendices  
(b) Constituents selected as primary COIs in the Tier 2 human health and ecological screening evaluations  
(c) Constituents selected as secondary COIs in the Tier 2 human health and ecological screening evaluation  
mg/kg = milligrams per kilogram  
µg/kg = micrograms per kilogram  
ng/kg = nanograms per kilogram  
MDC = Maximum Detected Concentration  
NA = Not applicable  
-- = Not evaluated  
> = greater than

Data Flags:  
U = Not detected above reporting limit  
< = Less than the reporting limit  
D = Analysis at a secondary dilution factor  
J = Value is estimated

**TABLE 3-14**  
**Tier 2 Evaluation - Step 6**  
**Statistical Comparison of COIs in Sediment to Paper Residuals Samples**  
**Results of Two Sample Hypothesis Testing using ProUCL Version 5.0.00**

<b>Primary COI Sediment Constituent</b>	<b>Two Sample Test</b>	<b>Sediment &amp; Paper Residuals Conclusion with alpha = 0.05</b>
TCDD TEQ	Wilcoxon-Mann-Whitney Conclusion <sup>a</sup>	Sediment ≠ Paper Residuals Sediments < Paper Residuals

<b>Secondary COI Sediment Constituent</b>	<b>Two Sample Test</b>	<b>Sediment &amp; Paper Residuals Conclusion with alpha = 0.05</b>
Lead	Wilcoxon-Mann-Whitney	Sediment = Paper Residuals
Endosulfan I	NA	NA
Benzo(k)fluoranthene	NA	NA
Dibenzo(a,h)anthracene	NA	NA

<b>Soil vs. Sediment Constituent</b>	<b>Two Sample Test</b>	<b>Sediment &amp; Soil Conclusion with alpha = 0.05</b>
Lead	Wilcoxon-Mann-Whitney	Soil = Sediment
TCDD TEQ	Wilcoxon-Mann-Whitney Conclusion <sup>a</sup>	Soil ≠ Sediment Soil > Sediment

Notes:

Sediment ≠ Paper Residuals: Reject Ho and Conclude either that Sample 1 Mean/Median > Sample 2 Mean/Median or Sample 1 Mean/Median < Sample 2 Mean/Median (determined based on the median concentrations - see Appendix D) where soil/sediment is Sample 1 and Paper Residuals are Sample 2

<sup>a</sup>Conclusion based on mean/median of samples

TCDD TEQ = 2,3,7,8-Tetrachlorodibenzo-p-dioxin Toxicity Equivalence

NA = no paper residuals data available

PREPARED BY/DATE: SAG 01/02/15

CHECKED BY/DATE: LSV 01/07/15

**TABLE 3-15**  
**Tier 2 Evaluation - Step 7**  
**Comparison of Sediment Non-PCB Constituents of Interest (COIs) Ecological Hazard Quotients to Total PCBs Ecological Hazard Quotients**  
**Area-Wide Non-PCB Constituent Screening Evaluation**

Constituent <sup>(a)</sup>	Units	UCL Concentration <sup>(b)</sup>	Arithmetic Mean /Kaplan Meier Mean Concentration <sup>(b)</sup>	Tier 2 ESV <sup>(c)</sup>	UCL Hazard Quotient <sup>(d)</sup>	Mean Hazard Quotient <sup>(d)</sup>	Reference Hazard Quotient Range <sup>(e)</sup>
<b>Primary COIs <sup>(f)</sup></b>							
<u>Dioxins/Furans</u>							
TCDD TEQ	ng/kg	17	9	0.85	20	11	NA
<b>Secondary COIs <sup>(g)</sup></b>							
<u>Metals/Inorganics</u>							
Lead	mg/kg	427	294	128	3	2	0.01 - 1
<u>Polycyclic Aromatic Hydrocarbons</u>							
Benzo(k)fluoranthene	µg/kg	1249	874	240	5	4	1 - 2
Dibenzo(a,h)anthracene	µg/kg	162	132	33	5	4	3
<u>Pesticides</u>							
Endosulfan I	µg/kg	7.82	5.10	2.9	3	2	NA
<b>Polychlorinated Biphenyls (PCBs)</b>							
Total PCBs	mg/kg	7.32	3.27	0.0598 (h)	122	55	NA

Notes:

(a) Constituents selected as Constituents of Interest (COIs) in the Tier 2 ecological screening evaluation to be compared to Total PCBs.

(b) Calculated using USEPA ProUCL Version 5.0.

(c) See Table 3-10 for Tier 2 ESV.

(d) Hazard Quotient (HQ) = UCL Concentration or Mean / Refined ESV

(e) Reference Hazard Quotient Range calculated using the reference range for sediment on Table 3-6 and selected Tier 2 ESV.

(f) Constituents selected as primary COIs in the Tier 2 ecological screening evaluation.

(g) Constituents selected as secondary COIs in the Tier 2 ecological screening evaluation.

(h) Consensus-based threshold effects concentration (TEC) from MacDonald et al. (2000). *Development and Evaluation of Consensus-Based Sediment Quality Guidelines for Freshwater Ecosystems*. Arch. Environ. Contam. Toxicol. 39, 20–31 (2000).

mg/kg = milligrams per kilogram

ng/kg = nanograms per kilogram

µg/kg = micrograms per kilogram

95 UCL = 95% upper confidence limit of the mean concentration

ESV = Ecological Screening Value

TCDD TEQ = Toxicity Equivalence Quotient for 2,3,7,8-TCDD

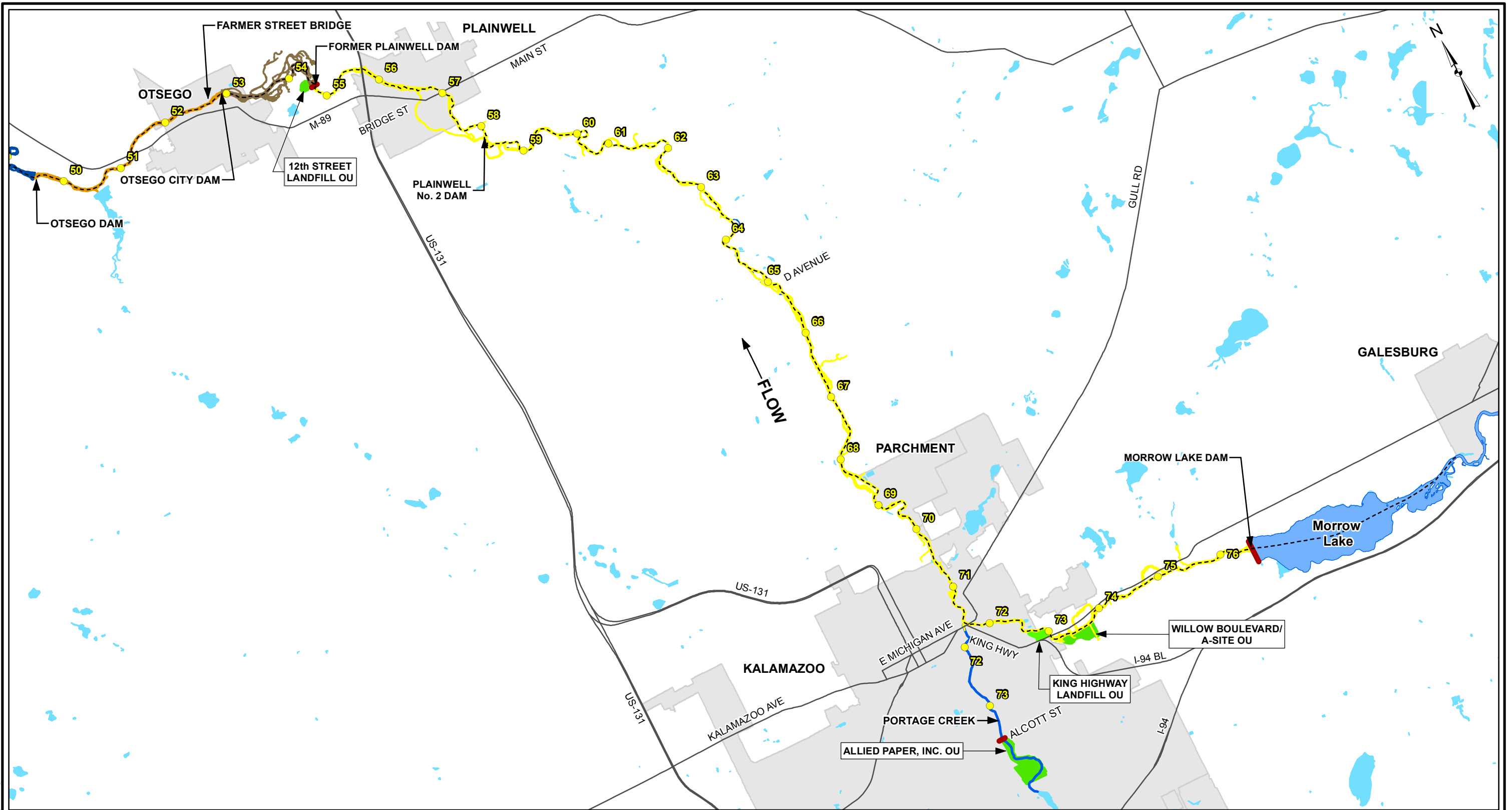
NA= Not available

PREPARED BY/DATE: SAG 12/11/14

CHECKED BY/DATE: MKB 12/11/14

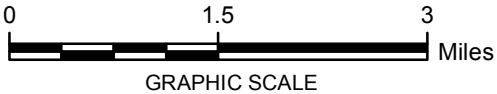
## FIGURES

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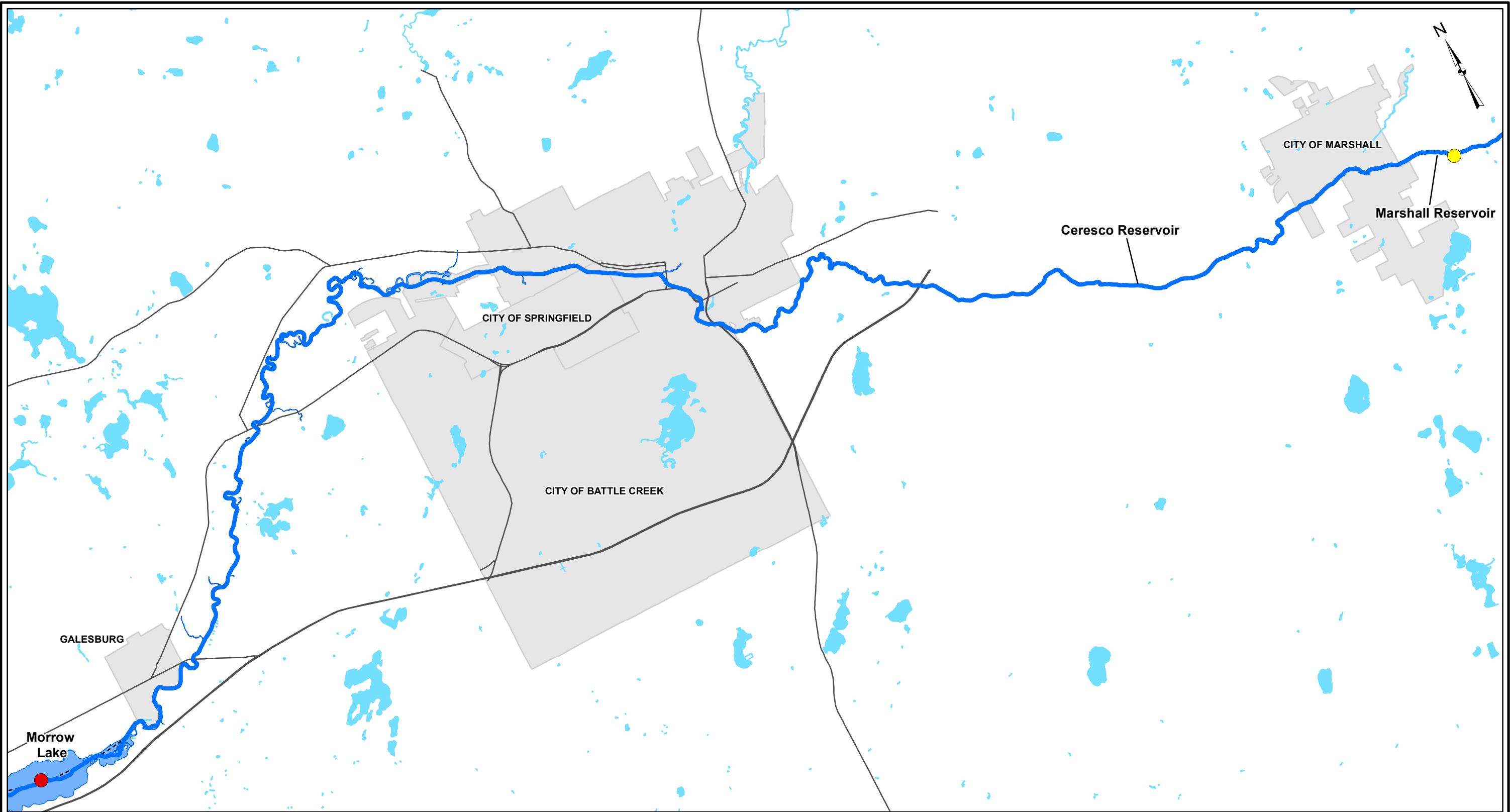
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|-------------------------|---------------------|----------|
| ● RIVER MILE MARKER     | ■ KALAMAZOO RIVER   | ■ AREA 1 |
| ----- RIVER CENTERLINE  | ■ WATER BODIES      | ■ AREA 2 |
| — AREA 1 STUDY BOUNDARY | ■ OPERABLE UNIT     | ■ AREA 3 |
| — ROAD                  | ■ INCORPORATED AREA | ■ AREA 4 |



GEORGIA-PACIFIC LLC ALLIED PAPER, INC./PORTAGE CREEK/ KALAMAZOO RIVER SUPERFUND SITE NON-PCB DATA EVALUATION		
KALAMAZOO RIVER NON-PCB CONSTITUENT SAMPLE AREA		
Prepared by/Date: JRM 1/20/2015	amec foster wheeler	FIGURE 1-1
Checked by/Date: LSV 1/20/2015		
Project Number: 3293150000		

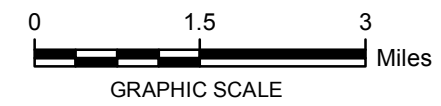


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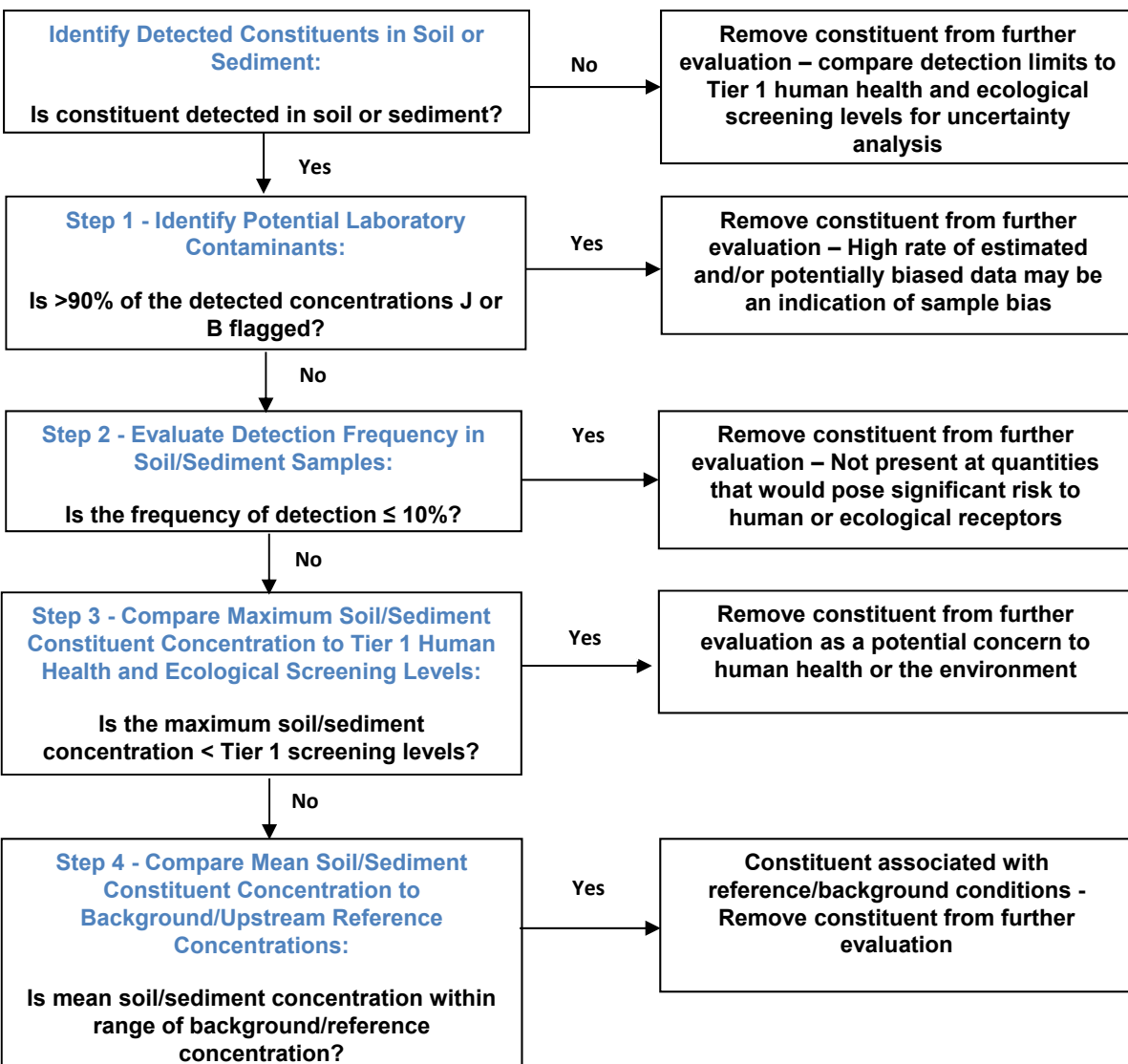
LEGEND:

- ROAD
- KALAMAZOO RIVER
- WATER BODIES
- INCORPORATED AREA
- MARSHALL RESERVIOR SEDIMENT REFERENCE LOCATIONS
- MORROW LAKE SEDIMENT REFERENCE LOCATIONS

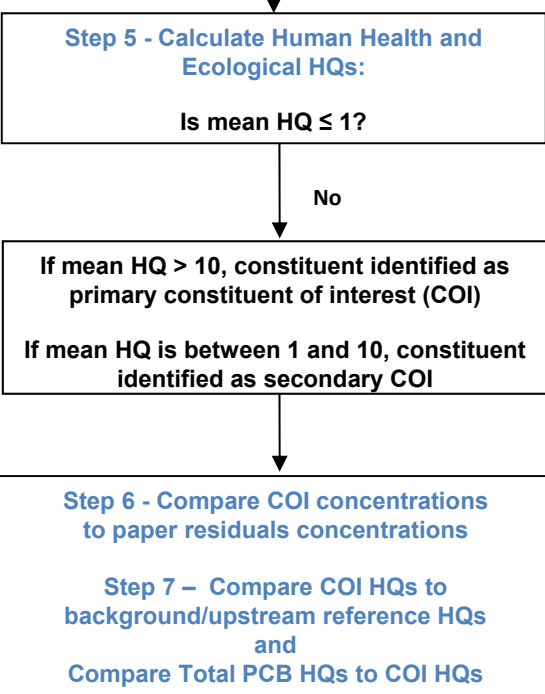


GEORGIA-PACIFIC LLC ALLIED PAPER, INC./PORTAGE CREEK/ KALAMAZOO RIVER SUPERFUND SITE NON-PCB DATA EVALUATION		
KALAMAZOO RIVER NON-PCB CONSTITUENT SAMPLE AREA REFERENCE AREA		
Prepared by/Date: JRM 1/20/2015	amec foster wheeler	FIGURE 1-2
Checked by/Date: LSV 1/20/2015		
Project Number: 3293150000		

# Tier 1



# Tier 2



GEORGIA-PACIFIC LLC  
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KALAMAZOO RIVER SUPERFUND SITE  
AREA-WIDE NON-PCB CONSTITUENT  
SCREENING EVALUATION

## STEP-WISE DATA SCREENING EVALUATION METHODOLOGY

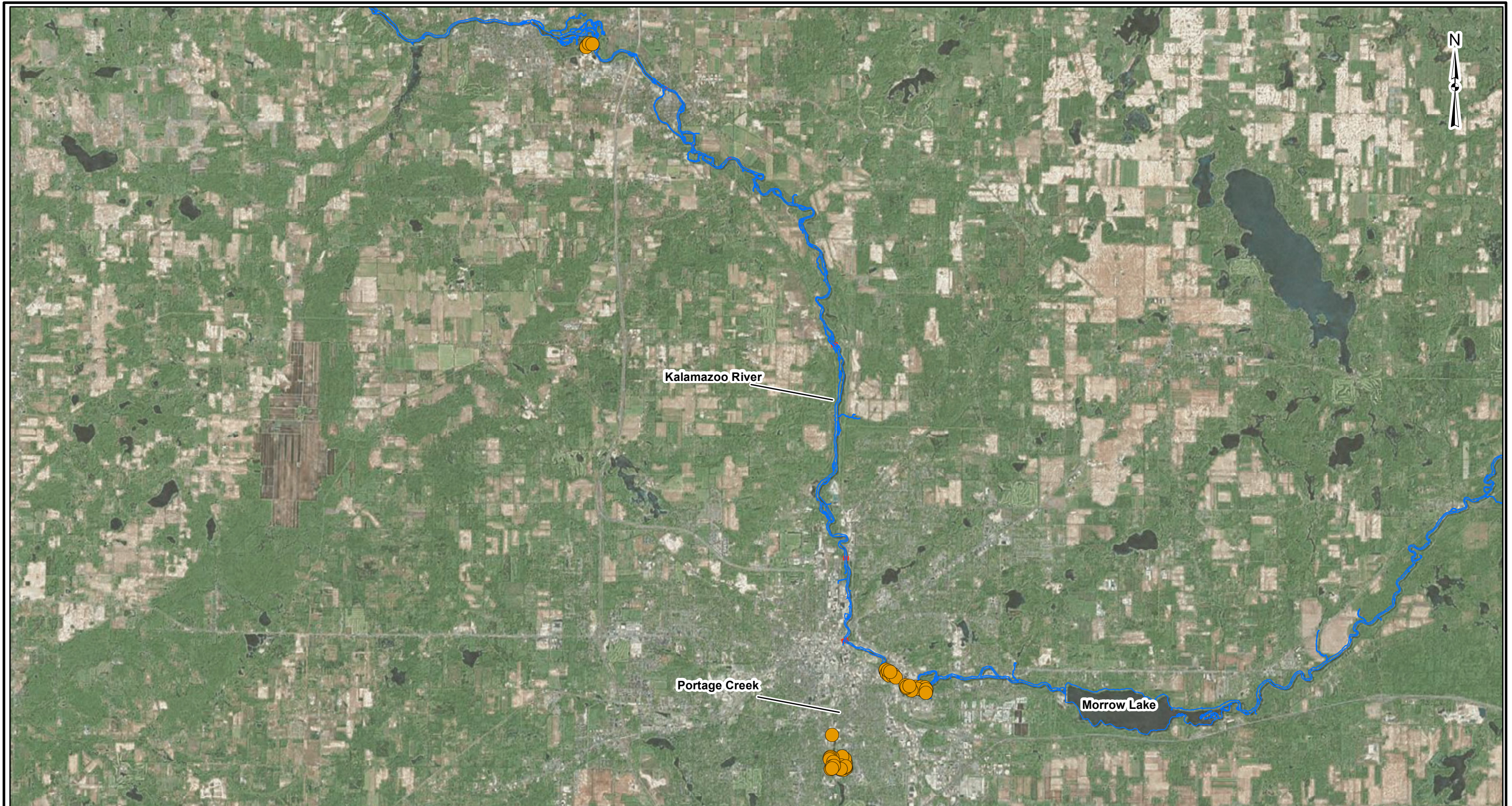
Prepared by/Date:  
NSR 12/22/2014  
Checked by/Date:  
SAG 1/20/15  
Project Number:  
3293150000

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FIGURE  
1-3






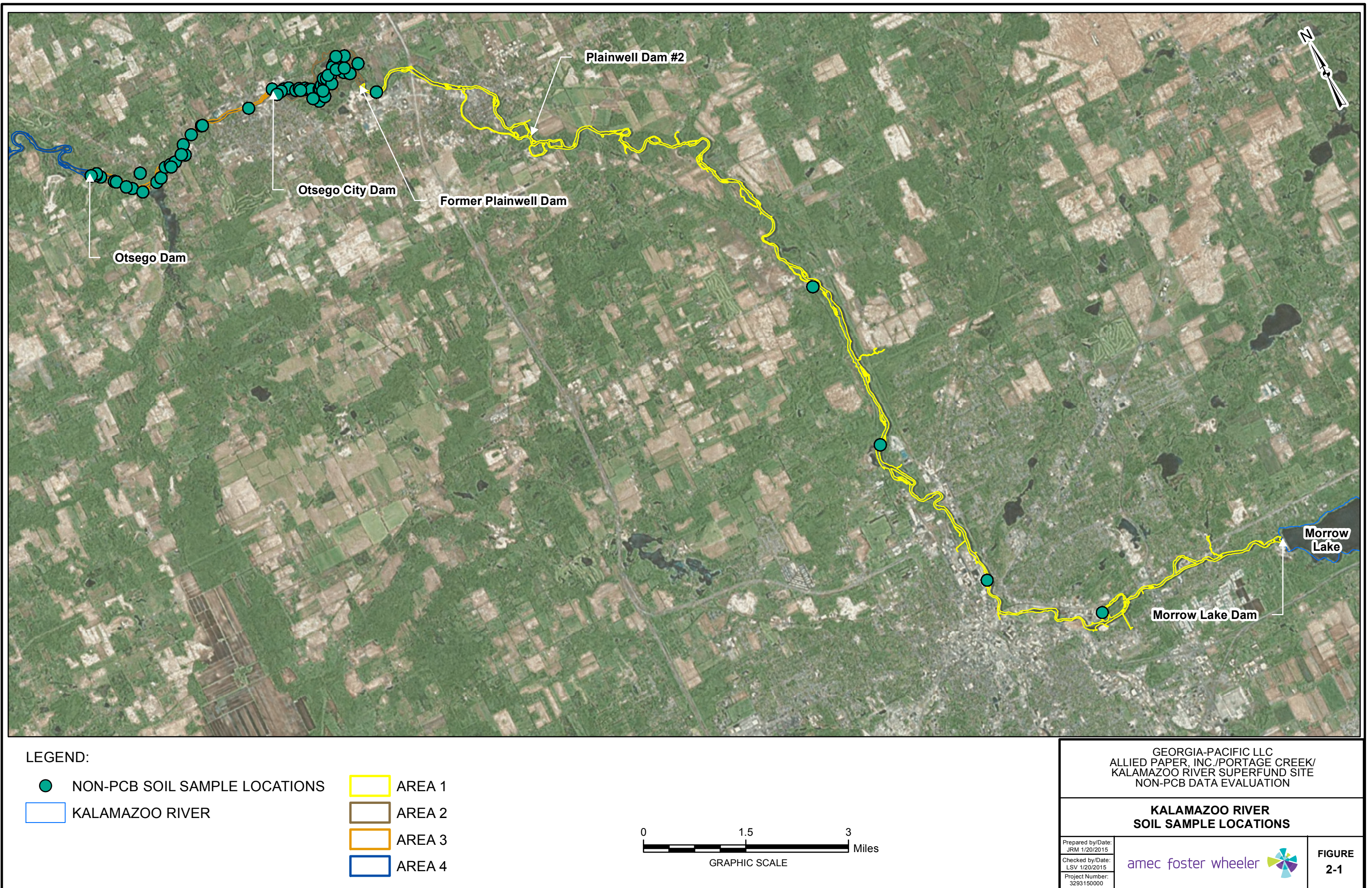
LEGEND:

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-  KALAMAZOO RIVER

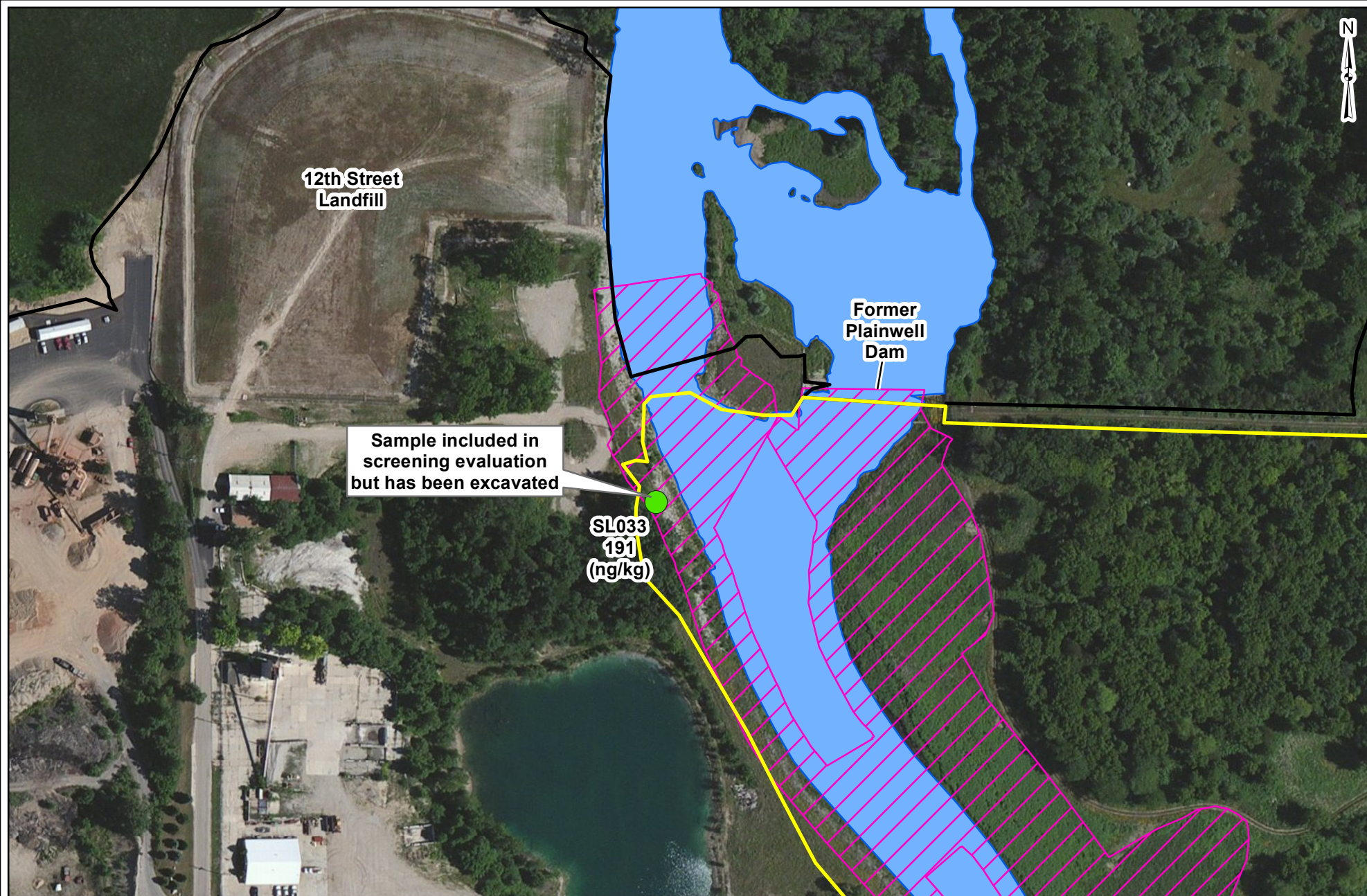


GEORGIA-PACIFIC LLC ALLIED PAPER, INC./PORTAGE CREEK/ KALAMAZOO RIVER SUPERFUND SITE NON-PCB DATA EVALUATION		
KALAMAZOO RIVER PAPER RESIDUALS SAMPLE LOCATIONS		
Prepared by/Date: JRM 1/20/2015	amec foster wheeler 	FIGURE 1-4
Checked by/Date: LSV 1/20/2015		
Project Number: 3293150000		







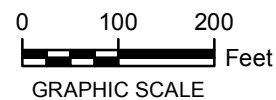


#### LEGEND:

- TCDD TEQ SAMPLE LOCATION
- TCRA EXCAVATION AREA
- AREA 1 STUDY BOUNDARY
- AREA 2 STUDY BOUNDARY
- RIVER AND TRIBUTARIES

#### NOTES:

1. CH2M HILL STUDY AREA BOUNDARY TAKEN FROM THE DRAFT REMEDIAL INVESTIGATION REPORT (CH2M HILL 2003) AND REVISED IN THE AREA OF OU-4.



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### AREA-WIDE NON-PCB CONSTITUENT SCREENING EVALUATION

#### LOCATION OF EXCAVATED TCDD TEQ SAMPLE IN AREA 1

Prepared by/Date:  
JRM 1/23/2015

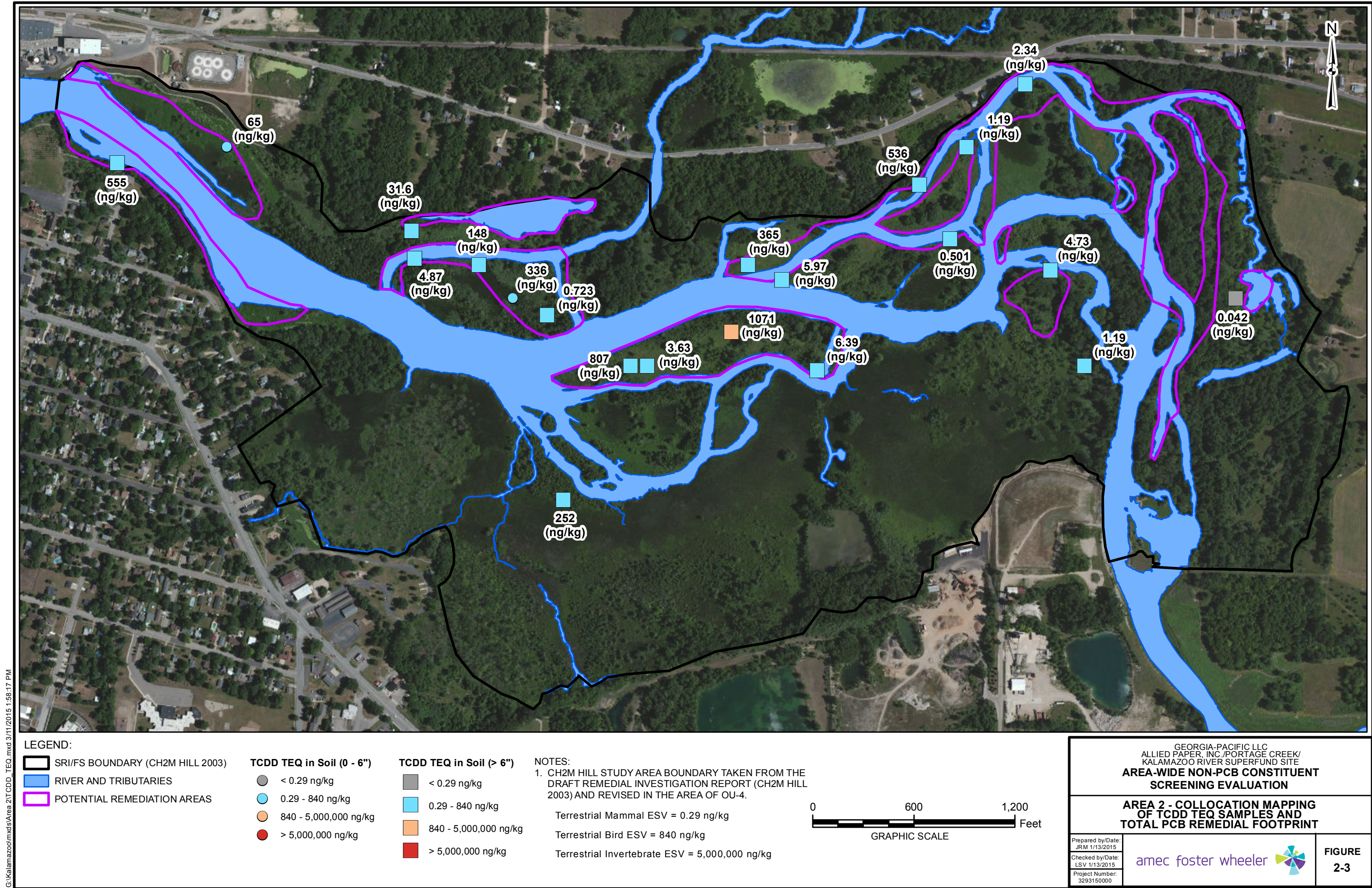
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LSV 1/23/2015

Project Number:  
3293150000

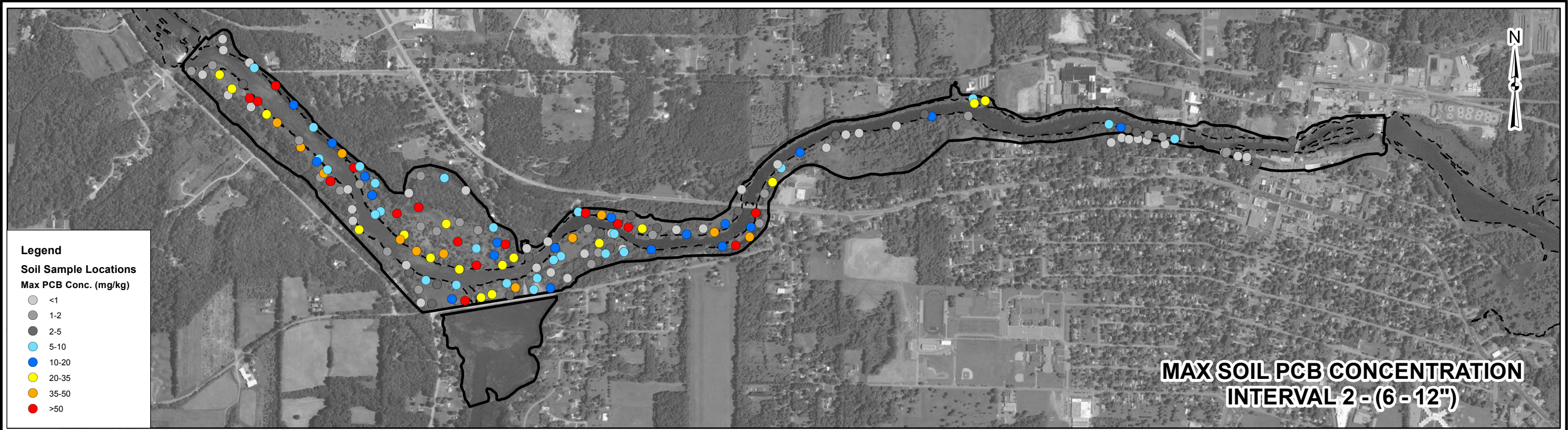
amec foster wheeler

FIGURE  
2-2





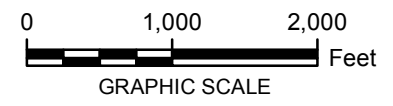




**LEGEND:**  
SRI/FS BOUNDARY (CH2M HILL 2003)  
RIVER AND TRIBUTARIES

**NOTES:**  
1. CH2M HILL STUDY AREA BOUNDARY TAKEN FROM THE DRAFT REMEDIAL INVESTIGATION REPORT (CH2M HILL 2003) AND REVISED IN THE AREA OF OU-4.

Terrestrial Mammal ESV = 0.29 ng/kg  
Terrestrial Bird ESV = 840 ng/kg  
Terrestrial Invertebrate ESV = 5,000,000 ng/kg



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**AREA-WIDE NON-PCB CONSTITUENT  
SCREENING EVALUATION**

**AREA 3 - COLLOCATION MAPPING OF  
TCDD TEQ AND TOTAL PCB SAMPLES**

Prepared by/Date:  
JRM 1/23/2015

Checked by/Date:  
LSV 1/23/2015

Project Number:  
3293150000

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**FIGURE  
2-4**

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LEGEND:

-  KALAMAZOO RIVER
-  NON-PCB UPSTREAM SEDIMENT REFERENCE SAMPLE LOCATION



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KALAMAZOO RIVER SUPERFUND SITE  
NON-PCB DATA EVALUATION

**KALAMAZOO RIVER SEDIMENT  
REFERENCE SAMPLE LOCATIONS  
UPSTREAM OF LINE 6B SPILL**

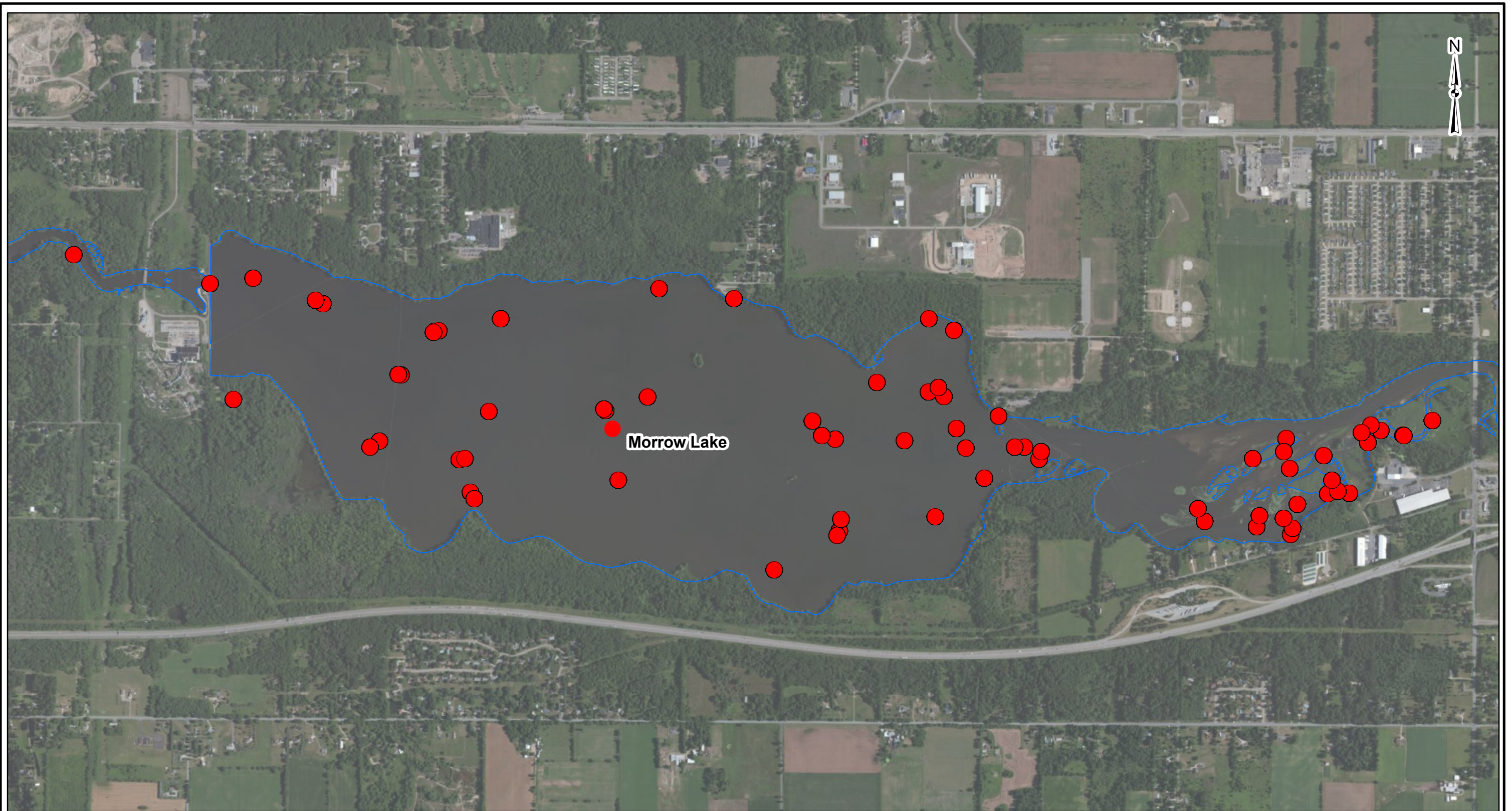
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JRM 1/20/2015  
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LSV 1/20/2015  
Project Number:  
3293150000

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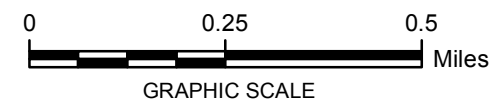
**FIGURE  
3-1**





LEGEND:

-  NON-PCB MORROW LAKE REFERENCE SEDIMENT SAMPLE
-  KALAMAZOO RIVER



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KALAMAZOO RIVER SUPERFUND SITE  
NON-PCB DATA EVALUATION

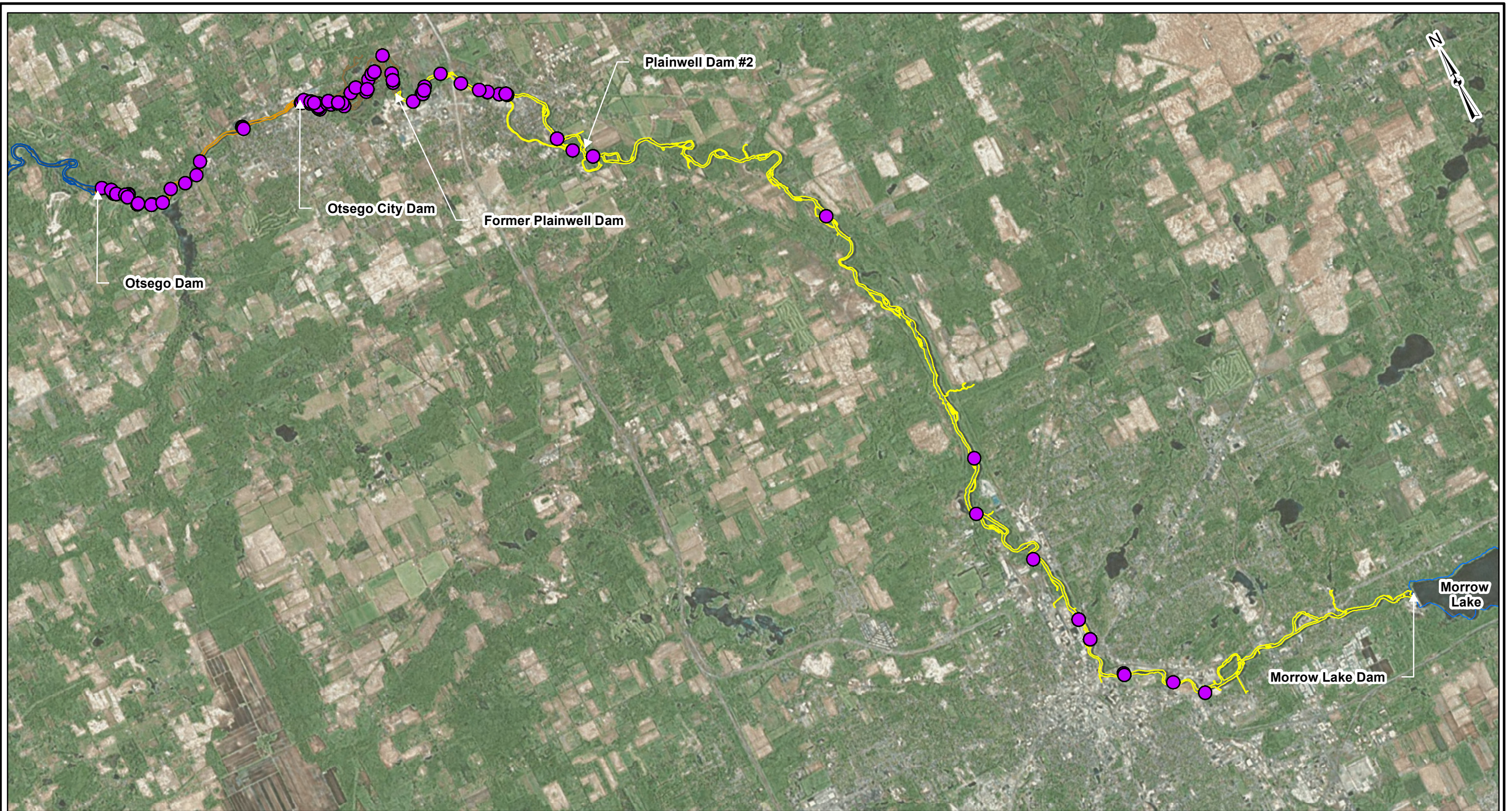
**KALAMAZOO RIVER  
SEDIMENT REFERENCE SAMPLE LOCATIONS  
MORROW LAKE**

Prepared by/Date:  
JRM 1/20/2015  
Checked by/Date:  
LSV 1/20/2015  
Project Number:  
3293150000



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**FIGURE  
3-2**

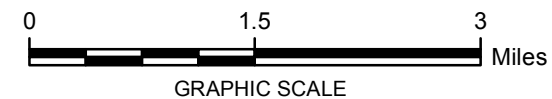




LEGEND:

-  NON-PCB SEDIMENT SAMPLE LOCATIONS
-  KALAMAZOO RIVER

-  AREA 1
-  AREA 2
-  AREA 3
-  AREA 4



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KALAMAZOO RIVER SUPERFUND SITE  
NON-PCB DATA EVALUATION

**KALAMAZOO RIVER  
SEDIMENT SAMPLE LOCATIONS**

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LSV 1/20/2015  
Project Number:  
3293150000

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FIGURE  
3-3



**APPENDIX A**  
**SCREENING ASSESSMENT DATASETS**

### Summary of Soil / Sediment Data Flags

<b>Data Flag</b>	<b>Description of Data Flag</b>
NS	Not Sampled
J	Estimated concentration
U	Analyte not detected above indicated detection limit.
R	Data rejected; Data unreliable
N	Presumptive evidence of analyte
B (Inorganics)	Estimated concentration
B (organics)	Blank contamination
D	Detected at a secondary dilution factor
X	PCB signal interference present
Y	Flag unknown; Sample treated as a detection
*	Duplicate analysis not within control limits

TABLE A-1  
Data Summary Table for Soil

Sample Location: Sample Date: Unit: Start Depth (inches): End Depth (inches):	KF1-3 8/3/1993 mg/kg	KF2-3 7/8/1993 mg/kg	KF3-1 7/9/1993 mg/kg	KF4-4 7/8/1993 mg/kg	KF4-4 7/8/1993 ug/kg	KP11F-5 7/5/2000 mg/kg	KP11F-5 11/30/2000 mg/kg	OCIFP-008 10/19/2011 mg/kg	OCIFP-008 10/19/2011 pg/g	OCIFP-013 10/19/2011 mg/kg
	0	0	0	0	0	0	2	0	0	0
	6	6	6	6	6	2	6	4	4	7
1,1,1-Trichloroethane	0.015 U	0.028 U	0.045 U	NS	11 U	NS	NS	NS	NS	0.012 U
1,1,2,2-Tetrachloroethane	0.015 U	0.028 U	0.045 U	NS	11 U	NS	NS	NS	NS	0.012 UJ
1,1,2-Trichloroethane	0.015 U	0.028 U	0.045 U	NS	11 U	NS	NS	NS	NS	0.012 U
1,1-Dichloroethane	0.015 U	0.028 U	0.045 U	NS	11 U	NS	NS	NS	NS	0.012 U
1,1-Dichloroethene	0.015 UJ	0.028 U	0.045 U	NS	11 U	NS	NS	NS	NS	0.012 U
1,2,3,4,6,7,8,9-OCDD	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
1,2,3,4,6,7,8,9-OCDF	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
1,2,3,4,6,7,8-HpCDD	NS	NS	NS	NS	NS	NS	NS	NS	3200	NS
1,2,3,4,6,7,8-HpCDF	NS	NS	NS	NS	NS	NS	NS	NS	390	NS
1,2,3,4,7,8,9-HpCDF	NS	NS	NS	NS	NS	NS	NS	NS	220 UX	NS
1,2,3,4,7,8-HxCDD	NS	NS	NS	NS	NS	NS	NS	NS	12 J	NS
1,2,3,4,7,8-HxCDF	NS	NS	NS	NS	NS	NS	NS	NS	23 J	NS
1,2,3,6,7,8-HxCDD	NS	NS	NS	NS	NS	NS	NS	NS	94 J	NS
1,2,3,6,7,8-HxCDF	NS	NS	NS	NS	NS	NS	NS	NS	220 UX	NS
1,2,3,7,8,9-HxCDD	NS	NS	NS	NS	NS	NS	NS	NS	48 J	NS
1,2,3,7,8,9-HxCDF	NS	NS	NS	NS	NS	NS	NS	NS	220 U	NS
1,2,3,7,8-PeCDD	NS	NS	NS	NS	NS	NS	NS	NS	220 U	NS
1,2,3,7,8-PeCDF	NS	NS	NS	NS	NS	NS	NS	NS	220 U	NS
1,2,3-Trichlorobenzene	NS	NS	NS	NS	NS	NS	NS	NS	NS	0.012 UJ
1,2,4,5-Tetrachlorobenzene	NS	NS	NS	NS	NS	NS	NS	1.6 U	NS	NS
1,2,4-Trichlorobenzene	0.49 U	0.87 U	1.4 U	NS	350 U	NS	NS	NS	NS	0.012 UJ
1,2-Dibromo-3-Chloropropane	NS	NS	NS	NS	NS	NS	NS	NS	NS	0.012 UJ
1,2-Dibromoethane (Ethylene dibromide)	NS	NS	NS	NS	NS	NS	NS	NS	NS	0.012 U
1,2-Dichlorobenzene	0.49 U	0.87 U	1.4 U	NS	350 U	NS	NS	NS	NS	0.012 UJ
1,2-Dichloroethane	0.015 U	0.028 U	0.045 U	NS	11 U	NS	NS	NS	NS	0.012 U
1,2-Dichloroethene (Total)	0.015 U	0.028 U	0.045 U	NS	11 U	NS	NS	NS	NS	NS
1,2-Dichloropropane	0.015 U	0.028 U	0.045 U	NS	11 U	NS	NS	NS	NS	0.012 U
1,3-Dichlorobenzene	0.49 U	0.87 U	1.4 U	NS	350 U	NS	NS	NS	NS	0.012 UJ
1,4-Dichlorobenzene	0.49 U	0.87 U	1.4 U	NS	350 U	NS	NS	NS	NS	0.012 UJ
2,3,4,6,7,8-HxCDF	NS	NS	NS	NS	NS	NS	NS	NS	220 U	NS
2,3,4,7,8-PeCDF	NS	NS	NS	NS	NS	NS	NS	NS	220 U	NS
2,3,7,8-TCDD	NS	NS	NS	NS	NS	NS	NS	NS	43 UX	NS
2,3,7,8-TCDF	NS	NS	NS	NS	NS	NS	NS	NS	43 UX	NS
2,4,5-Trichlorophenol	1.2 U	2.1 U	3.4 U	NS	860 U	NS	NS	4.1 U	NS	NS
2,4,6-Trichlorophenol	0.49 U	0.87 U	1.4 U	NS	350 U	NS	NS	1.6 U	NS	NS
2,4-Dichlorophenol	0.49 U	0.87 U	1.4 U	NS	350 U	NS	NS	1.6 U	NS	NS
2,4-Dimethylphenol	0.49 U	0.87 U	1.4 U	NS	350 U	NS	NS	1.6 U	NS	NS
2,4-Dinitrophenol	1.2 UJ	2.1 UJ	3.4 UJ	NS	860 UJ	NS	NS	4.1 U	NS	NS
2,4-Dinitrotoluene	0.49 UJ	0.87 U	1.4 U	NS	350 U	NS	NS	1.6 U	NS	NS
2,6-Dinitrotoluene	0.49 U	0.87 U	1.4 U	NS	350 U	NS	NS	1.6 U	NS	NS
2-Butanone (Methyl ethyl ketone) (a)	0.015 UJ	0.028 U	0.045 U	NS	11 U	NS	NS	NS	NS	0.012 U
2-Chloronaphthalene	0.49 U	0.87 U	1.4 U	NS	350 U	NS	NS	1.6 U	NS	NS
2-Chlorophenol	0.49 U	0.87 U	1.4 U	NS	350 U	NS	NS	1.6 U	NS	NS
2-Hexanone	0.015 U	0.028 U	0.045 U	NS	11 U	NS	NS	NS	NS	0.012 U

TABLE A-1  
Data Summary Table for Soil

Sample Location: Sample Date: Unit: Start Depth (inches): End Depth (inches):	KF1-3 8/3/1993 mg/kg	KF2-3 7/8/1993 mg/kg	KF3-1 7/9/1993 mg/kg	KF4-4 7/8/1993 mg/kg	KF4-4 7/8/1993 ug/kg	KP11F-5 7/5/2000 mg/kg	KP11F-5 11/30/2000 mg/kg	OCIFP-008 10/19/2011 mg/kg	OCIFP-008 10/19/2011 pg/g	OCIFP-013 10/19/2011 mg/kg
	0	0	0	0	0	0	2	0	0	0
	6	6	6	6	6	2	6	4	4	7
2-Methylnaphthalene	0.04 J	0.87 U	1.4 U	NS	350 U	NS	NS	1.6 U	NS	NS
2-Methylphenol (o-Cresol)	0.49 U	0.87 U	1.4 U	NS	350 U	NS	NS	1.6 U	NS	NS
2-Nitroaniline	1.2 UJ	2.1 U	3.4 U	NS	860 U	NS	NS	4.1 U	NS	NS
2-Nitrophenol	0.49 U	0.87 U	1.4 U	NS	350 U	NS	NS	1.6 U	NS	NS
3,3'-Dichlorobenzidine	0.49 U	0.87 U	1.4 U	NS	350 U	NS	NS	1.6 U	NS	NS
3+4-Methylphenol (m,p-Cresol)	NS	NS	NS	NS	NS	NS	NS	3.3 U	NS	NS
3-Nitroaniline	1.2 U	2.1 U	3.4 U	NS	860 U	NS	NS	4.1 U	NS	NS
4,4'-DDD	0.0079 J	0.0086 U	0.014 U	NS	3.6 U	NS	NS	0.026 J	NS	NS
4,4'-DDE	0.018 J	0.0086 U	0.014 J	NS	3.6 U	NS	NS	0.1	NS	NS
4,4'-DDT	0.02 J	0.0086 U	0.014 U	NS	3.6 U	NS	NS	0.018 JN	NS	NS
4,6-Dinitro-2-Methylphenol	1.2 U	2.1 U	3.4 U	NS	860 U	NS	NS	4.1 U	NS	NS
4-Bromophenyl phenyl ether	0.49 U	0.87 U	1.4 U	NS	350 U	NS	NS	1.6 U	NS	NS
4-Chloro-3-Methylphenol	0.49 UJ	0.87 U	1.4 U	NS	350 U	NS	NS	1.6 U	NS	NS
4-Chloroaniline	0.49 UJ	0.87 U	1.4 UJ	NS	350 UJ	NS	NS	1.6 U	NS	NS
4-Chlorophenyl phenyl ether	0.49 UJ	0.87 U	1.4 U	NS	350 U	NS	NS	1.6 U	NS	NS
4-Methylphenol (p-Cresol)	0.49 U	0.87 U	1.4 U	NS	350 U	NS	NS	NS	NS	NS
4-Nitroaniline	1.2 UJ	2.1 U	3.4 U	NS	860 U	NS	NS	4.1 U	NS	NS
4-Nitrophenol	1.2 UJ	2.1 U	3.4 U	NS	860 U	NS	NS	4.1 U	NS	NS
Acenaphthene	0.49 U	0.87 U	1.4 U	NS	350 U	NS	NS	1.6 U	NS	NS
Acenaphthylene	0.49 U	0.87 U	1.4 U	NS	350 U	NS	NS	1.6 U	NS	NS
Acetone (a)	0.015 U	0.028 U	0.049	NS	11 U	NS	NS	NS	NS	0.012 U
Acetophenone	NS	NS	NS	NS	NS	NS	NS	1.6 U	NS	NS
Aldrin	0.0025 U	0.0044 U	0.022	NS	1.8 U	NS	NS	0.0083 U	NS	NS
alpha-BHC	0.0025 U	0.0044 U	0.0073 U	NS	1.8 U	NS	NS	0.0083 U	NS	NS
alpha-Chlordane	0.0084 JN	0.0044 U	0.0098 JN	NS	1.8 U	NS	NS	0.011	NS	NS
Aluminum	5300	11100	12300	3590	NS	NS	NS	12100	NS	NS
Anthracene	0.044 J	0.87 U	1.4 U	NS	350 U	NS	NS	1.6 U	NS	NS
Antimony	12.2 UJ	25.8 UJ	41.4 UJ	9 UJ	NS	NS	NS	21.4 U	NS	NS
Arsenic	5.1	31.6 J	13 J	6.1 J	NS	NS	NS	25.9	NS	NS
Atrazine	NS	NS	NS	NS	NS	NS	NS	1.6 U	NS	NS
Barium	70.4	203	223	30.5 B	NS	NS	NS	326 J	NS	NS
Benzaldehyde	NS	NS	NS	NS	NS	NS	NS	0.34	NS	NS
Benzene	0.015 U	0.028 U	0.045 U	NS	11 U	NS	NS	NS	NS	0.012 U
Benzo(a)anthracene	0.2 J	0.081 J	0.34 J	NS	350 U	NS	NS	0.12	NS	NS
Benzo(a)pyrene	0.21 J	0.1 BJ	1.4 U	NS	350 U	NS	NS	1.6 U	NS	NS
Benzo(b)fluoranthene	0.29 J	0.14 J	1.4 U	NS	350 U	NS	NS	0.16	NS	NS
Benzo(g,h,i)perylene	0.038 J	0.87 U	1.4 U	NS	350 U	NS	NS	0.14	NS	NS
Benzo(k)fluoranthene	0.23 J	0.87 U	1.4 U	NS	350 U	NS	NS	0.21	NS	NS
Beryllium	0.49 B	0.94 B	0.76 B	0.17 B	NS	NS	NS	0.75 J	NS	NS
beta-BHC	0.0025 U	0.0044 U	0.0073 U	NS	1.8 U	NS	NS	0.0011 J	NS	NS
beta-Chlordane	0.0035 J	0.0044 U	0.0082 J	NS	1.8 U	NS	NS	0.0091 JN	NS	NS
bis(2-Chloroethoxy)methane	0.49 U	0.87 U	1.4 U	NS	350 U	NS	NS	1.6 U	NS	NS
bis(2-Chloroethyl)ether	0.49 U	0.87 U	1.4 U	NS	350 U	NS	NS	1.6 U	NS	NS
bis(2-Chloroisopropyl)ether	0.49 U	0.87 U	1.4 U	NS	350 U	NS	NS	1.6 U	NS	NS

TABLE A-1  
Data Summary Table for Soil

Sample Location: Sample Date: Unit: Start Depth (inches): End Depth (inches):	KF1-3 8/3/1993 mg/kg	KF2-3 7/8/1993 mg/kg	KF3-1 7/9/1993 mg/kg	KF4-4 7/8/1993 mg/kg	KF4-4 7/8/1993 ug/kg	KP11F-5 7/5/2000 mg/kg	KP11F-5 11/30/2000 mg/kg	OCIFP-008 10/19/2011 mg/kg	OCIFP-008 10/19/2011 pg/g	OCIFP-013 10/19/2011 mg/kg
	0 6	0 6	0 6	0 6	0 6	0 2	2 6	0 4	0 4	0 7
bis(2-Ethylhexyl)phthalate (b)	0.26 J	0.87 U	0.32 J	NS	350 U	NS	NS	0.15	NS	NS
Bromodichloromethane (Dichlorobromomethane)	0.015 U	0.028 U	0.045 U	NS	11 U	NS	NS	NS	NS	0.012 U
Bromoform (Tribromomethane)	0.015 U	0.028 U	0.045 U	NS	11 U	NS	NS	NS	NS	0.012 U
Bromomethane (Methyl bromide)	0.015 U	0.028 U	0.045 U	NS	11 U	NS	NS	NS	NS	0.012 UJ
Butyl benzyl phthalate (b)	0.063 J	0.87 U	1.4 U	NS	350 U	NS	NS	1.6 U	NS	NS
Cadmium	0.68 U	1.4 U	3.8 BJ	0.51 U	NS	NS	NS	3.8	NS	NS
Calcium	19800	17400	28100	963	NS	NS	NS	45900 J	NS	NS
Caprolactam	NS	NS	NS	NS	NS	NS	NS	1.6 U	NS	NS
Carbazole	0.041 J	0.87 U	1.4 U	NS	350 U	NS	NS	1.6 U	NS	NS
Carbon disulfide (a)	0.015 U	0.028 U	0.045 U	NS	11 U	NS	NS	NS	NS	0.012 U
Carbon tetrachloride	0.015 U	0.028 U	0.045 U	NS	11 U	NS	NS	NS	NS	0.012 U
Chlordane (technical)	NS	NS	NS	NS	NS	NS	NS	0.083 U	NS	NS
Chlorobenzene	0.015 U	0.028 U	0.045 U	NS	11 U	NS	NS	NS	NS	0.012 U
Chlorobromomethane (Bromochloromethane)	NS	NS	NS	NS	NS	NS	NS	NS	NS	0.012 U
Chlorodibromomethane (Dibromochloromethane)	0.015 U	0.028 U	0.045 U	NS	11 U	NS	NS	NS	NS	0.012 U
Chloroethane	0.015 U	0.028 UJ	0.045 U	NS	11 UJ	NS	NS	NS	NS	0.012 U
Chloroform	0.015 U	0.028 U	0.045 U	NS	11 U	NS	NS	NS	NS	0.012 U
Chloromethane (Methyl chloride)	0.015 U	0.028 U	0.045 U	NS	11 U	NS	NS	NS	NS	0.012 U
Chromium	48.6	30.8	147	5.8	NS	NS	NS	105 J	NS	NS
Chrysene	0.27 J	0.097 J	0.42 J	NS	350 U	NS	NS	0.18	NS	NS
cis-1,2-Dichloroethene	NS	NS	NS	NS	NS	NS	NS	NS	NS	0.012 U
cis-1,3-Dichloropropene	0.015 U	0.028 U	0.045 U	NS	11 U	NS	NS	NS	NS	0.012 U
Cobalt	4 B	6.2 B	11.4 B	2.9 B	NS	NS	NS	8.6 J	NS	NS
Copper	45.7	29.2 J	162 J	3.8 B	NS	NS	NS	125	NS	NS
Cyanide	0.11 U	0.42 B	0.32 U	0.25 B	NS	NS	NS	NS	NS	NS
delta-BHC	0.0025 U	0.0044 U	0.0073 U	NS	1.8 U	NS	NS	0.0083 U	NS	NS
Dibenzo(a,h)anthracene	0.49 U	0.87 U	1.4 U	NS	350 U	NS	NS	1.6 U	NS	NS
Dibenzofuran	0.49 U	0.87 U	1.4 U	NS	350 U	NS	NS	1.6 U	NS	NS
Dichlorodifluoromethane	NS	NS	NS	NS	NS	NS	NS	NS	NS	0.012 U
Dieldrin	0.0049 U	0.0086 U	0.014 U	NS	3.6 U	NS	NS	0.024 JN	NS	NS
Diethyl phthalate (b)	0.49 UJ	0.87 U	1.4 U	NS	350 U	NS	NS	1.6 U	NS	NS
Dimethyl phthalate	0.49 U	0.87 U	1.4 U	NS	350 U	NS	NS	1.6 U	NS	NS
Di-n-butyl phthalate (b)	0.05 J	0.87 U	0.2 J	NS	350 U	NS	NS	1.6 U	NS	NS
Di-n-octyl phthalate	0.49 U	0.87 U	1.4 U	NS	350 U	NS	NS	1.6 U	NS	NS
Endosulfan I	0.0025 U	0.0044 U	0.0062 JN	NS	1.8 U	NS	NS	0.0083 U	NS	NS
Endosulfan II	0.0049 U	0.0086 U	0.014 U	NS	3.6 U	NS	NS	0.016 U	NS	NS
Endosulfan sulfate	0.0049 U	0.0086 U	0.014 U	NS	3.6 U	NS	NS	0.016 U	NS	NS
Endrin	0.999 R	0.0086 U	0.014 U	NS	3.6 U	NS	NS	0.016 U	NS	NS
Endrin aldehyde	0.0049 U	0.0086 U	0.013 JN	NS	3.6 U	NS	NS	0.016 U	NS	NS
Endrin ketone	0.0049 U	0.0086 U	0.014 U	NS	3.6 U	NS	NS	0.016 U	NS	NS
Ethylbenzene	0.015 U	0.028 U	0.045 U	NS	11 U	NS	NS	NS	NS	0.012 U
Fluoranthene	0.46 J	0.12 J	0.62 J	NS	350 U	NS	NS	0.21	NS	NS
Fluorene	0.49 U	0.87 U	1.4 U	NS	350 U	NS	NS	1.6 U	NS	NS
Freon-113 (1,1,2-trichloro-1,2,2-trifluoroethane)	NS	NS	NS	NS	NS	NS	NS	NS	NS	0.012 U

TABLE A-1  
Data Summary Table for Soil

Sample Location: Sample Date: Unit: Start Depth (inches): End Depth (inches):	KF1-3 8/3/1993 mg/kg	KF2-3 7/8/1993 mg/kg	KF3-1 7/9/1993 mg/kg	KF4-4 7/8/1993 mg/kg	KF4-4 7/8/1993 ug/kg	KP11F-5 7/5/2000 mg/kg	KP11F-5 11/30/2000 mg/kg	OCIFP-008 10/19/2011 mg/kg	OCIFP-008 10/19/2011 pg/g	OCIFP-013 10/19/2011 mg/kg
	0	0	0	0	0	0	2	0	0	0
	6	6	6	6	6	2	6	4	4	7
gamma-BHC (Lindane)	0.0025 U	0.0044 U	0.0073 U	NS	1.8 U	NS	NS	0.0083 U	NS	NS
gamma-Chlordane	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Heptachlor	0.0025 U	0.0044 U	0.0073 U	NS	1.8 U	NS	NS	0.0083 U	NS	NS
Heptachlor Epoxide	0.0025 U	0.0044 U	0.0073 U	NS	1.8 U	NS	NS	0.012 JN	NS	NS
Hexachlorobenzene	0.49 U	0.87 U	1.4 U	NS	350 U	NS	NS	1.6 U	NS	NS
Hexachlorobutadiene	0.49 U	0.87 U	1.4 U	NS	350 U	NS	NS	1.6 U	NS	NS
Hexachlorocyclopentadiene	0.49 UJ	0.87 U	1.4 U	NS	350 U	NS	NS	1.6 U	NS	NS
Hexachloroethane	0.49 U	0.87 U	1.4 U	NS	350 U	NS	NS	1.6 U	NS	NS
Indeno(1,2,3-cd)pyrene	0.096 J	0.87 U	1.4 U	NS	350 U	NS	NS	1.6 U	NS	NS
Iron	11800 *	41100	26400	6540	NS	NS	NS	37800 J	NS	NS
Isophorone	0.49 U	0.87 U	1.4 U	NS	350 U	NS	NS	1.6 U	NS	NS
Isopropylbenzene (Cumene)	NS	NS	NS	NS	NS	NS	NS	NS	NS	0.012 UJ
Lead	174	75.5	357	24.2	NS	NS	NS	194	NS	NS
Magnesium	6790	3690	8150	768 B	NS	NS	NS	6890	NS	NS
Manganese	146 *	857	462	304	NS	NS	NS	599 J	NS	NS
Mercury	0.3	0.67	1.3	0.07 B	NS	NS	NS	1.2	NS	0.41
Methoxychlor	0.025 U	0.044 U	0.073 U	NS	18 U	NS	NS	0.083 U	NS	NS
Methyl isobutyl ketone (4-Methyl-2-pentanone)	0.015 U	0.028 U	0.045 U	NS	11 U	NS	NS	NS	NS	0.012 U
Methyl tertiary butyl ether (MTBE)	NS	NS	NS	NS	NS	NS	NS	NS	NS	0.012 U
Methylene chloride (Dichloromethane) (a)	0.015 U	0.028 U	0.045 U	NS	11 U	NS	NS	NS	NS	0.012 UB
Naphthalene	0.029 J	0.87 U	1.4 U	NS	350 U	NS	NS	1.6 U	NS	NS
Nickel	40.7	16.8 B	52.1	4.1 B	NS	NS	NS	35 J	NS	NS
Nitrobenzene	0.49 U	0.87 U	1.4 U	NS	350 U	NS	NS	1.6 U	NS	NS
N-Nitrosodi-n-propylamine	0.49 UJ	0.87 U	1.4 U	NS	350 U	NS	NS	1.6 U	NS	NS
N-Nitrosodiphenylamine	0.49 U	0.87 U	1.4 U	NS	350 U	NS	NS	1.9 U	NS	NS
OCDD	NS	NS	NS	NS	NS	NS	NS	NS	36000	NS
OCDF	NS	NS	NS	NS	NS	NS	NS	NS	930	NS
Pentachlorophenol	1.2 U	2.1 U	3.4 U	NS	860 U	NS	NS	4.1 U	NS	NS
Phenanthrene	0.24 J	0.87 U	0.3 J	NS	350 U	NS	NS	0.092	NS	NS
Phenol	0.49 U	0.87 U	1.4 U	NS	350 U	NS	NS	1.6 U	NS	NS
Potassium	264 B	408 B	619 U	184 B	NS	NS	NS	972 J	NS	NS
Pyrene	0.35 J	0.12 J	0.55 J	NS	350 U	NS	NS	0.24	NS	NS
Selenium	0.44 B	2.7 J	2.3 BJ	0.27 UJ	NS	NS	NS	3.8 J	NS	NS
Silver	1.3 U	999 R	NS R	NS R	NS	NS	NS	1.4 J	NS	NS
Sodium	231 U	487 U	782 U	171 U	NS	NS	NS	256 J	NS	NS
Styrene	0.015 U	0.028 U	0.045 U	NS	11 U	NS	NS	NS	NS	0.012 U
Tetrachloroethene (PCE)	0.015 U	0.028 U	0.045 U	NS	11 U	NS	NS	NS	NS	0.012 U
Thallium	0.68 U	1.1 U	2.1 U	0.46 U	NS	NS	NS	8.9 U	NS	NS
Toluene (a)	0.015 U	0.028 U	0.045 U	NS	11 U	NS	NS	NS	NS	0.012 U
Toxaphene	0.25 U	0.44 U	0.73 U	NS	180 U	NS	NS	0.83 U	NS	NS
trans-1,2-Dichloroethene	NS	NS	NS	NS	NS	NS	NS	NS	NS	0.012 U
trans-1,3-Dichloropropene	0.015 U	0.028 U	0.045 U	NS	11 U	NS	NS	NS	NS	0.012 U
Trichloroethene (TCE)	0.015 U	0.028 U	0.045 U	NS	11 U	NS	NS	NS	NS	0.012 U
Trichlorofluoromethane	NS	NS	NS	NS	NS	NS	NS	NS	NS	0.012 U



TABLE A-1  
Data Summary Table for Soil

Sample Location: Sample Date: Unit: Start Depth (inches): End Depth (inches):	KF1-3 8/3/1993 mg/kg 0 6	KF2-3 7/8/1993 mg/kg 0 6	KF3-1 7/9/1993 mg/kg 0 6	KF4-4 7/8/1993 mg/kg 0 6	KF4-4 7/8/1993 ug/kg 0 6	KP11F-5 7/5/2000 mg/kg 0 2	KP11F-5 11/30/2000 mg/kg 2 6	OCIFP-008 10/19/2011 mg/kg 0 4	OCIFP-008 10/19/2011 pg/g 0 4	OCIFP-013 10/19/2011 mg/kg 0 7
Vanadium	14.5	31.2	25.1 B	9.7	NS	NS	NS	25	NS	NS
Vinyl Chloride	0.015 U	0.028 U	0.045 U	NS	11 U	NS	NS	NS	NS	0.012 U
Xylenes, Total	0.015 U	0.028 U	0.045 U	NS	11 U	NS	NS	NS	NS	0.012 U
Zinc	159	128	458	23.3	NS	NS	NS	339 J	NS	NS

Notes:  
(a) Potential laboratory contaminant.  
(b) For potential lab contaminants: The detected value is  
J / B flagged and the result is less than the reporting  
limit; the sample is considered a non-detect.

TABLE A-1  
Data Summary Table for Soil

Sample Location: Sample Date: Unit: Start Depth (inches): End Depth (inches):	OCIFP-018 10/19/2011 mg/kg 0 7	OCIFP-028 10/19/2011 mg/kg 0 6	OCIFP-038 10/25/2011 mg/kg 0 6	OCIFP-038 10/25/2011 pg/g 0 6	OCIFP-048 10/12/2011 mg/kg 0 6	OCIFP-058 10/12/2011 mg/kg 0 6	OCIFP-068 10/12/2011 mg/kg 0 6	OCIFP-078 10/13/2011 mg/kg 0 6	OCIFP-088 10/13/2011 mg/kg 0 6	OCIFP-098 10/14/2011 mg/kg 0 6
1,1,1-Trichloroethane	0.019 U	0.015 U	0.023 U	NS	0.033 U	0.0066 U	0.005 U	0.0051 U	0.0071 U	0.011 U
1,1,2,2-Tetrachloroethane	0.019 UJ	0.015 R	0.023 UJ	NS	0.033 UJ	0.0066 U	0.005 U	0.0051 U	0.0071 U	0.011 U
1,1,2-Trichloroethane	0.019 UJ	0.015 UJ	0.023 U	NS	0.033 UJ	0.0066 U	0.005 U	0.0051 U	0.0071 U	0.011 U
1,1-Dichloroethane	0.019 U	0.015 U	0.023 U	NS	0.033 U	0.0066 U	0.005 U	0.0051 U	0.0071 U	0.011 U
1,1-Dichloroethene	0.019 U	0.015 U	0.023 U	NS	0.033 U	0.0066 U	0.005 U	0.0051 U	0.0071 U	0.011 U
1,2,3,4,6,7,8,9-OCDD	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
1,2,3,4,6,7,8,9-OCDF	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
1,2,3,4,6,7,8-HpCDD	NS	NS	NS	11000	NS	NS	NS	NS	NS	NS
1,2,3,4,6,7,8-HpCDF	NS	NS	NS	2500	NS	NS	NS	NS	NS	NS
1,2,3,4,7,8,9-HpCDF	NS	NS	NS	75 J	NS	NS	NS	NS	NS	NS
1,2,3,4,7,8-HxCDD	NS	NS	NS	36 J	NS	NS	NS	NS	NS	NS
1,2,3,4,7,8-HxCDF	NS	NS	NS	79 J	NS	NS	NS	NS	NS	NS
1,2,3,6,7,8-HxCDD	NS	NS	NS	320	NS	NS	NS	NS	NS	NS
1,2,3,6,7,8-HxCDF	NS	NS	NS	47 J	NS	NS	NS	NS	NS	NS
1,2,3,7,8,9-HxCDD	NS	NS	NS	140 J	NS	NS	NS	NS	NS	NS
1,2,3,7,8,9-HxCDF	NS	NS	NS	160 U	NS	NS	NS	NS	NS	NS
1,2,3,7,8-PeCDD	NS	NS	NS	160 UX	NS	NS	NS	NS	NS	NS
1,2,3,7,8-PeCDF	NS	NS	NS	160 UX	NS	NS	NS	NS	NS	NS
1,2,3-Trichlorobenzene	0.019 UJ	0.015 R	0.023 UJ	NS	0.033 UJ	0.0066 U	0.005 U	0.0051 UB	0.0071 UJ	0.011 U
1,2,4,5-Tetrachlorobenzene	NS	NS	0.95 U	NS	NS	NS	NS	NS	NS	NS
1,2,4-Trichlorobenzene	0.019 UBJ	0.015 R	0.023 UJ	NS	0.033 UJ	0.0066 U	0.005 U	0.0051 U	0.0071 UJ	0.011 U
1,2-Dibromo-3-Chloropropane	0.019 UJ	0.015 R	0.023 UJ	NS	0.033 UJ	0.0066 U	0.005 U	0.0051 U	0.0071 UJ	0.011 U
1,2-Dibromoethane (Ethylene dibromide)	0.019 UJ	0.015 UJ	0.023 U	NS	0.033 UJ	0.0066 U	0.005 U	0.0051 U	0.0071 U	0.011 U
1,2-Dichlorobenzene	0.019 UJ	0.015 R	0.023 UJ	NS	0.033 UJ	0.0066 U	0.005 U	0.0051 U	0.0071 UJ	0.011 U
1,2-Dichloroethane	0.019 U	0.015 U	0.023 U	NS	0.033 U	0.0066 U	0.005 U	0.0051 U	0.0071 U	0.011 U
1,2-Dichloroethene (Total)	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
1,2-Dichloropropane	0.019 U	0.015 U	0.023 U	NS	0.033 U	0.0066 U	0.005 U	0.0051 U	0.0071 U	0.011 U
1,3-Dichlorobenzene	0.019 UJ	0.015 R	0.023 UJ	NS	0.033 UJ	0.0066 U	0.005 U	0.0051 U	0.0071 UJ	0.011 U
1,4-Dichlorobenzene	0.019 UJ	0.015 R	0.023 UJ	NS	0.033 UJ	0.0066 U	0.005 U	0.0051 U	0.0071 UJ	0.011 U
2,3,4,6,7,8-HxCDF	NS	NS	NS	160 UX	NS	NS	NS	NS	NS	NS
2,3,4,7,8-PeCDF	NS	NS	NS	160 UX	NS	NS	NS	NS	NS	NS
2,3,7,8-TCDD	NS	NS	NS	88	NS	NS	NS	NS	NS	NS
2,3,7,8-TCDF	NS	NS	NS	210	NS	NS	NS	NS	NS	NS
2,4,5-Trichlorophenol	NS	NS	2.4 U	NS	NS	NS	NS	NS	NS	NS
2,4,6-Trichlorophenol	NS	NS	0.95 U	NS	NS	NS	NS	NS	NS	NS
2,4-Dichlorophenol	NS	NS	0.95 U	NS	NS	NS	NS	NS	NS	NS
2,4-Dimethylphenol	NS	NS	0.95 U	NS	NS	NS	NS	NS	NS	NS
2,4-Dinitrophenol	NS	NS	2.4 U	NS	NS	NS	NS	NS	NS	NS
2,4-Dinitrotoluene	NS	NS	0.95 U	NS	NS	NS	NS	NS	NS	NS
2,6-Dinitrotoluene	NS	NS	0.95 U	NS	NS	NS	NS	NS	NS	NS
2-Butanone (Methyl ethyl ketone) (a)	0.019 U	0.015 U	0.023 UJ	NS	0.2 J	0.0066 U	0.005 U	0.0051 U	0.0071 U	0.011 U
2-Chloronaphthalene	NS	NS	0.95 U	NS	NS	NS	NS	NS	NS	NS
2-Chlorophenol	NS	NS	0.95 U	NS	NS	NS	NS	NS	NS	NS
2-Hexanone	0.019 UJ	0.015 UJ	0.023 U	NS	0.033 UJ	0.0066 U	0.005 U	0.0051 U	0.0071 U	0.011 U

TABLE A-1  
Data Summary Table for Soil

Sample Location: Sample Date: Unit: Start Depth (inches): End Depth (inches):	OCIFP-018 10/19/2011 mg/kg	OCIFP-028 10/19/2011 mg/kg	OCIFP-038 10/25/2011 mg/kg	OCIFP-038 10/25/2011 pg/g	OCIFP-048 10/12/2011 mg/kg	OCIFP-058 10/12/2011 mg/kg	OCIFP-068 10/12/2011 mg/kg	OCIFP-078 10/13/2011 mg/kg	OCIFP-088 10/13/2011 mg/kg	OCIFP-098 10/14/2011 mg/kg
	0	0	0	0	0	0	0	0	0	0
	7	6	6	6	6	6	6	6	6	6
2-Methylnaphthalene	NS	NS	0.95 U	NS	NS	NS	NS	NS	NS	NS
2-Methylphenol (o-Cresol)	NS	NS	0.95 U	NS	NS	NS	NS	NS	NS	NS
2-Nitroaniline	NS	NS	2.4 U	NS	NS	NS	NS	NS	NS	NS
2-Nitrophenol	NS	NS	0.95 U	NS	NS	NS	NS	NS	NS	NS
3,3'-Dichlorobenzidine	NS	NS	0.95 U	NS	NS	NS	NS	NS	NS	NS
3+4-Methylphenol (m,p-Cresol)	NS	NS	1.9 U	NS	NS	NS	NS	NS	NS	NS
3-Nitroaniline	NS	NS	2.4 U	NS	NS	NS	NS	NS	NS	NS
4,4'-DDD	NS	NS	0.014 J	NS	NS	NS	NS	NS	NS	NS
4,4'-DDE	NS	NS	0.073	NS	NS	NS	NS	NS	NS	NS
4,4'-DDT	NS	NS	0.049 U	NS	NS	NS	NS	NS	NS	NS
4,6-Dinitro-2-Methylphenol	NS	NS	2.4 U	NS	NS	NS	NS	NS	NS	NS
4-Bromophenyl phenyl ether	NS	NS	0.95 U	NS	NS	NS	NS	NS	NS	NS
4-Chloro-3-Methylphenol	NS	NS	0.95 U	NS	NS	NS	NS	NS	NS	NS
4-Chloroaniline	NS	NS	0.95 U	NS	NS	NS	NS	NS	NS	NS
4-Chlorophenyl phenyl ether	NS	NS	0.95 U	NS	NS	NS	NS	NS	NS	NS
4-Methylphenol (p-Cresol)	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
4-Nitroaniline	NS	NS	2.4 U	NS	NS	NS	NS	NS	NS	NS
4-Nitrophenol	NS	NS	2.4 U	NS	NS	NS	NS	NS	NS	NS
Acenaphthene	NS	NS	0.95 U	NS	NS	NS	NS	NS	NS	NS
Acenaphthylene	NS	NS	0.95 U	NS	NS	NS	NS	NS	NS	NS
Acetone (a)	0.019 U	0.058 J	0.028 J	NS	0.6 J	0.0066 U	0.005 U	0.0051 U	0.0071 U	0.011 U
Acetophenone	NS	NS	0.95 U	NS	NS	NS	NS	NS	NS	NS
Aldrin	NS	NS	0.025 U	NS	NS	NS	NS	NS	NS	NS
alpha-BHC	NS	NS	0.025 U	NS	NS	NS	NS	NS	NS	NS
alpha-Chlordane	NS	NS	0.014 J	NS	NS	NS	NS	NS	NS	NS
Aluminum	NS	NS	15800	NS	NS	NS	NS	NS	NS	NS
Anthracene	NS	NS	0.95 U	NS	NS	NS	NS	NS	NS	NS
Antimony	NS	NS	12.5 U	NS	NS	NS	NS	NS	NS	NS
Arsenic	NS	NS	22.5	NS	NS	NS	NS	NS	NS	NS
Atrazine	NS	NS	0.95 U	NS	NS	NS	NS	NS	NS	NS
Barium	NS	NS	521 J	NS	NS	NS	NS	NS	NS	NS
Benzaldehyde	NS	NS	0.051 J	NS	NS	NS	NS	NS	NS	NS
Benzene	0.019 U	0.015 U	0.023 U	NS	0.033 U	0.0066 U	0.005 U	0.0051 U	0.0071 U	0.011 U
Benzo(a)anthracene	NS	NS	0.17 J	NS	NS	NS	NS	NS	NS	NS
Benzo(a)pyrene	NS	NS	0.95 U	NS	NS	NS	NS	NS	NS	NS
Benzo(b)fluoranthene	NS	NS	0.22 J	NS	NS	NS	NS	NS	NS	NS
Benzo(g,h,i)perylene	NS	NS	0.17 J	NS	NS	NS	NS	NS	NS	NS
Benzo(k)fluoranthene	NS	NS	0.25 J	NS	NS	NS	NS	NS	NS	NS
Beryllium	NS	NS	0.88 J	NS	NS	NS	NS	NS	NS	NS
beta-BHC	NS	NS	0.025 U	NS	NS	NS	NS	NS	NS	NS
beta-Chlordane	NS	NS	0.025 U	NS	NS	NS	NS	NS	NS	NS
bis(2-Chloroethoxy)methane	NS	NS	0.95 U	NS	NS	NS	NS	NS	NS	NS
bis(2-Chloroethyl)ether	NS	NS	0.95 U	NS	NS	NS	NS	NS	NS	NS
bis(2-Chloroisopropyl)ether	NS	NS	0.95 U	NS	NS	NS	NS	NS	NS	NS

TABLE A-1  
Data Summary Table for Soil

Sample Location: Sample Date: Unit: Start Depth (inches): End Depth (inches):	OCIFP-018 10/19/2011 mg/kg 0 7	OCIFP-028 10/19/2011 mg/kg 0 6	OCIFP-038 10/25/2011 mg/kg 0 6	OCIFP-038 10/25/2011 pg/g 0 6	OCIFP-048 10/12/2011 mg/kg 0 6	OCIFP-058 10/12/2011 mg/kg 0 6	OCIFP-068 10/12/2011 mg/kg 0 6	OCIFP-078 10/13/2011 mg/kg 0 6	OCIFP-088 10/13/2011 mg/kg 0 6	OCIFP-098 10/14/2011 mg/kg 0 6
bis(2-Ethylhexyl)phthalate (b)	NS	NS	0.17 J (b)	NS	NS	NS	NS	NS	NS	NS
Bromodichloromethane (Dichlorobromomethane)	0.019 U	0.015 U	0.023 U	NS	0.033 U	0.0066 U	0.005 U	0.0051 U	0.0071 U	0.011 U
Bromoform (Tribromomethane)	0.019 UJ	0.015 UJ	0.023 U	NS	0.033 UJ	0.0066 U	0.005 U	0.0051 U	0.0071 U	0.011 U
Bromomethane (Methyl bromide)	0.019 UJ	0.015 UJ	0.023 U	NS	0.033 UJ	0.0066 UJ	0.005 UJ	0.0051 UJ	0.0071 UJ	0.011 UJ
Butyl benzyl phthalate (b)	NS	NS	0.072 J (b)	NS	NS	NS	NS	NS	NS	NS
Cadmium	NS	NS	8	NS	NS	NS	NS	NS	NS	NS
Calcium	NS	NS	9630 J	NS	NS	NS	NS	NS	NS	NS
Caprolactam	NS	NS	0.95 U	NS	NS	NS	NS	NS	NS	NS
Carbazole	NS	NS	0.95 U	NS	NS	NS	NS	NS	NS	NS
Carbon disulfide (a)	0.019 U	0.015 U	0.023 U	NS	0.033 U	0.0066 U	0.005 U	0.0051 U	0.0071 U	0.011 U
Carbon tetrachloride	0.019 U	0.015 U	0.023 U	NS	0.033 U	0.0066 U	0.005 U	0.0051 U	0.0071 U	0.011 U
Chlordane (technical)	NS	NS	0.25 U	NS	NS	NS	NS	NS	NS	NS
Chlorobenzene	0.019 UJ	0.015 UJ	0.023 U	NS	0.033 UJ	0.0066 U	0.005 U	0.0051 U	0.0071 U	0.011 U
Chlorobromomethane (Bromochloromethane)	0.019 U	0.015 U	0.023 U	NS	0.033 U	0.0066 U	0.005 U	0.0051 U	0.0071 U	0.011 U
Chlorodibromomethane (Dibromochloromethane)	0.019 UJ	0.015 UJ	0.023 U	NS	0.033 UJ	0.0066 U	0.005 U	0.0051 U	0.0071 U	0.011 U
Chloroethane	0.019 U	0.015 U	0.023 U	NS	0.033 U	0.0066 U	0.005 U	0.0051 U	0.0071 U	0.011 U
Chloroform	0.019 U	0.015 U	0.023 U	NS	0.033 U	0.0066 U	0.005 U	0.0051 U	0.0071 U	0.011 U
Chloromethane (Methyl chloride)	0.019 U	0.015 U	0.023 U	NS	0.033 U	0.0066 U	0.005 U	0.0051 U	0.0071 U	0.011 U
Chromium	NS	NS	244 J	NS	NS	NS	NS	NS	NS	NS
Chrysene	NS	NS	0.27 J	NS	NS	NS	NS	NS	NS	NS
cis-1,2-Dichloroethene	0.019 U	0.015 U	0.023 U	NS	0.033 U	0.0066 U	0.005 U	0.0051 U	0.0071 U	0.011 U
cis-1,3-Dichloropropene	0.019 U	0.015 U	0.023 U	NS	0.033 U	0.0066 U	0.005 U	0.0051 U	0.0071 U	0.011 U
Cobalt	NS	NS	10.5 J	NS	NS	NS	NS	NS	NS	NS
Copper	NS	NS	214	NS	NS	NS	NS	NS	NS	NS
Cyanide	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
delta-BHC	NS	NS	0.025 U	NS	NS	NS	NS	NS	NS	NS
Dibenzo(a,h)anthracene	NS	NS	0.95 U	NS	NS	NS	NS	NS	NS	NS
Dibenzofuran	NS	NS	0.95 U	NS	NS	NS	NS	NS	NS	NS
Dichlorodifluoromethane	0.019 U	0.015 U	0.023 U	NS	0.033 U	0.0066 U	0.005 U	0.0051 U	0.0071 U	0.011 U
Dieldrin	NS	NS	0.054 JN	NS	NS	NS	NS	NS	NS	NS
Diethyl phthalate (b)	NS	NS	0.95 U	NS	NS	NS	NS	NS	NS	NS
Dimethyl phthalate	NS	NS	0.95 U	NS	NS	NS	NS	NS	NS	NS
Di-n-butyl phthalate (b)	NS	NS	0.093 J (b)	NS	NS	NS	NS	NS	NS	NS
Di-n-octyl phthalate	NS	NS	0.95 U	NS	NS	NS	NS	NS	NS	NS
Endosulfan I	NS	NS	0.025 U	NS	NS	NS	NS	NS	NS	NS
Endosulfan II	NS	NS	0.049 U	NS	NS	NS	NS	NS	NS	NS
Endosulfan sulfate	NS	NS	0.049 U	NS	NS	NS	NS	NS	NS	NS
Endrin	NS	NS	0.049 U	NS	NS	NS	NS	NS	NS	NS
Endrin aldehyde	NS	NS	0.033 J	NS	NS	NS	NS	NS	NS	NS
Endrin ketone	NS	NS	0.049 U	NS	NS	NS	NS	NS	NS	NS
Ethylbenzene	0.019 UJ	0.015 UJ	0.023 U	NS	0.033 UJ	0.0066 U	0.005 U	0.0051 U	0.0071 U	0.011 U
Fluoranthene	NS	NS	0.26 J	NS	NS	NS	NS	NS	NS	NS
Fluorene	NS	NS	0.95 U	NS	NS	NS	NS	NS	NS	NS
Freon-113 (1,1,2-trichloro-1,2,2-trifluoroethane)	0.019 U	0.015 U	0.023 U	NS	0.033 U	0.0066 U	0.005 U	0.0051 U	0.0071 U	0.011 U

TABLE A-1  
Data Summary Table for Soil

Sample Location: Sample Date: Unit: Start Depth (inches): End Depth (inches):	OCIFP-018 10/19/2011 mg/kg 0 7	OCIFP-028 10/19/2011 mg/kg 0 6	OCIFP-038 10/25/2011 mg/kg 0 6	OCIFP-038 10/25/2011 pg/g 0 6	OCIFP-048 10/12/2011 mg/kg 0 6	OCIFP-058 10/12/2011 mg/kg 0 6	OCIFP-068 10/12/2011 mg/kg 0 6	OCIFP-078 10/13/2011 mg/kg 0 6	OCIFP-088 10/13/2011 mg/kg 0 6	OCIFP-098 10/14/2011 mg/kg 0 6
gamma-BHC (Lindane)	NS	NS	0.0016 J	NS	NS	NS	NS	NS	NS	NS
gamma-Chlordane	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Heptachlor	NS	NS	0.025 U	NS	NS	NS	NS	NS	NS	NS
Heptachlor Epoxide	NS	NS	0.025 U	NS	NS	NS	NS	NS	NS	NS
Hexachlorobenzene	NS	NS	0.95 U	NS	NS	NS	NS	NS	NS	NS
Hexachlorobutadiene	NS	NS	0.95 U	NS	NS	NS	NS	NS	NS	NS
Hexachlorocyclopentadiene	NS	NS	0.95 U	NS	NS	NS	NS	NS	NS	NS
Hexachloroethane	NS	NS	0.95 U	NS	NS	NS	NS	NS	NS	NS
Indeno(1,2,3-cd)pyrene	NS	NS	0.95 U	NS	NS	NS	NS	NS	NS	NS
Iron	NS	NS	22900 J	NS	NS	NS	NS	NS	NS	NS
Isophorone	NS	NS	0.95 U	NS	NS	NS	NS	NS	NS	NS
Isopropylbenzene (Cumene)	0.019 UJ	0.015 R	0.023 UJ	NS	0.033 UJ	0.0066 U	0.005 U	0.0051 U	0.0071 UJ	0.011 U
Lead	NS	NS	617	NS	NS	NS	NS	NS	NS	NS
Magnesium	NS	NS	2750	NS	NS	NS	NS	NS	NS	NS
Manganese	NS	NS	402 J	NS	NS	NS	NS	NS	NS	NS
Mercury	1.7	0.22	2.6	NS	1.6	0.13	0.065	0.097	0.3	0.14
Methoxychlor	NS	NS	0.25 U	NS	NS	NS	NS	NS	NS	NS
Methyl isobutyl ketone (4-Methyl-2-pentanone)	0.019 U	0.015 U	0.023 U	NS	0.033 U	0.0066 U	0.005 U	0.0051 U	0.0071 U	0.011 U
Methyl tertiary butyl ether (MTBE)	0.019 U	0.015 U	0.023 U	NS	0.033 U	0.0066 U	0.005 U	0.0051 U	0.0071 U	0.011 U
Methylene chloride (Dichloromethane) (a)	0.019 U	0.015 U	0.023 U	NS	0.033 U	0.0066 U	0.005 U	0.0051 U	0.0071 U	0.0018 J (b)
Naphthalene	NS	NS	0.95 U	NS	NS	NS	NS	NS	NS	NS
Nickel	NS	NS	58.9 J	NS	NS	NS	NS	NS	NS	NS
Nitrobenzene	NS	NS	0.95 U	NS	NS	NS	NS	NS	NS	NS
N-Nitrosodi-n-propylamine	NS	NS	0.95 U	NS	NS	NS	NS	NS	NS	NS
N-Nitrosodiphenylamine	NS	NS	1.1 U	NS	NS	NS	NS	NS	NS	NS
OCDD	NS	NS	NS	94000	NS	NS	NS	NS	NS	NS
OCDF	NS	NS	NS	2400	NS	NS	NS	NS	NS	NS
Pentachlorophenol	NS	NS	2.4 U	NS	NS	NS	NS	NS	NS	NS
Phenanthrene	NS	NS	0.13 J	NS	NS	NS	NS	NS	NS	NS
Phenol	NS	NS	0.95 U	NS	NS	NS	NS	NS	NS	NS
Potassium	NS	NS	586 J	NS	NS	NS	NS	NS	NS	NS
Pyrene	NS	NS	0.39 J	NS	NS	NS	NS	NS	NS	NS
Selenium	NS	NS	3 J	NS	NS	NS	NS	NS	NS	NS
Silver	NS	NS	3	NS	NS	NS	NS	NS	NS	NS
Sodium	NS	NS	86.6 J	NS	NS	NS	NS	NS	NS	NS
Styrene	0.019 UJ	0.015 UJ	0.023 U	NS	0.033 UJ	0.0066 U	0.005 U	0.0051 U	0.0071 U	0.011 U
Tetrachloroethene (PCE)	0.019 UJ	0.015 UJ	0.023 U	NS	0.033 UJ	0.0066 U	0.005 U	0.0051 U	0.0071 U	0.011 U
Thallium	NS	NS	5.2 U	NS	NS	NS	NS	NS	NS	NS
Toluene (a)	0.0017 J (b)	0.004 J (b)	0.00073 J (b)	NS	0.033 J (b)	0.0066 U	0.005 U	0.0051 UB	0.0071 U	0.011 U
Toxaphene	NS	NS	2.5 U	NS	NS	NS	NS	NS	NS	NS
trans-1,2-Dichloroethene	0.019 U	0.015 U	0.023 U	NS	0.033 U	0.0066 U	0.005 U	0.0051 U	0.0071 U	0.011 U
trans-1,3-Dichloropropene	0.019 UJ	0.015 UJ	0.023 U	NS	0.033 UJ	0.0066 U	0.005 U	0.0051 U	0.0071 U	0.011 U
Trichloroethene (TCE)	0.019 U	0.015 U	0.023 U	NS	0.033 U	0.0066 U	0.005 U	0.0051 U	0.0071 U	0.011 U
Trichlorofluoromethane	0.019 U	0.015 U	0.023 U	NS	0.033 U	0.0066 U	0.005 U	0.0051 U	0.0071 U	0.011 U

TABLE A-1  
Data Summary Table for Soil

Sample Location: Sample Date: Unit: Start Depth (inches): End Depth (inches):	OCIFP-018 10/19/2011 mg/kg 0 7	OCIFP-028 10/19/2011 mg/kg 0 6	OCIFP-038 10/25/2011 mg/kg 0 6	OCIFP-038 10/25/2011 pg/g 0 6	OCIFP-048 10/12/2011 mg/kg 0 6	OCIFP-058 10/12/2011 mg/kg 0 6	OCIFP-068 10/12/2011 mg/kg 0 6	OCIFP-078 10/13/2011 mg/kg 0 6	OCIFP-088 10/13/2011 mg/kg 0 6	OCIFP-098 10/14/2011 mg/kg 0 6
Vanadium	NS	NS	26.1	NS	NS	NS	NS	NS	NS	NS
Vinyl Chloride	0.019 U	0.015 U	0.023 U	NS	0.033 U	0.0066 U	0.005 U	0.0051 U	0.0071 U	0.011 U
Xylenes, Total	0.019 UJ	0.015 UJ	0.023 U	NS	0.033 UJ	0.0066 U	0.005 U	0.0051 U	0.0071 U	0.011 U
Zinc	NS	NS	636 J	NS	NS	NS	NS	NS	NS	NS

Notes:  
(a) Potential laboratory contaminant.  
(b) For potential lab contaminants: The detected value is J / B flagged and the result is less than the reporting limit; the sample is considered a non-detect.

**TABLE A-1**  
**Data Summary Table for Soil**

Sample Location: Sample Date: Unit: Start Depth (inches): End Depth (inches):	OCIFP-102 10/14/2011 mg/kg 0 6	OCIFP-111 10/25/2011 mg/kg 0 7	OCIFP-120 10/25/2011 mg/kg 0 7	OCTBN-003 10/19/2011 mg/kg 0 6	OCTBN-011 10/26/2011 mg/kg 0 7	OCTBN-021 10/26/2011 mg/kg 0 6	OCTBN-031 10/26/2011 mg/kg 0 7	OCTBS-007 10/21/2011 mg/kg 0 6	OCTBS-017 10/26/2011 mg/kg 0 5	OCTBS-027 10/25/2011 mg/kg 0 6
1,1,1-Trichloroethane	0.0062 U	0.028 U	0.015 U	0.016 U	0.021 U	0.016 U	0.0086 U	0.0098 U	0.0075 U	0.0079 U
1,1,2,2-Tetrachloroethane	0.0062 U	0.028 U	0.015 UJ	0.016 UJ	0.021 U	0.016 UJ	0.0086 UJ	0.0098 U	0.0075 UJ	0.0079 UJ
1,1,2-Trichloroethane	0.0062 U	0.028 U	0.015 U	0.016 U	0.021 U	0.016 U	0.0086 U	0.0098 U	0.0075 U	0.0079 U
1,1-Dichloroethane	0.0062 U	0.028 U	0.015 U	0.016 U	0.021 U	0.016 U	0.0086 U	0.0098 U	0.0075 U	0.0079 U
1,1-Dichloroethene	0.0062 U	0.028 U	0.015 U	0.016 U	0.021 U	0.016 U	0.0086 U	0.0098 U	0.0075 U	0.0079 U
1,2,3,4,6,7,8,9-OCDD	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
1,2,3,4,6,7,8,9-OCDF	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
1,2,3,4,6,7,8-HpCDD	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
1,2,3,4,6,7,8-HpCDF	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
1,2,3,4,7,8,9-HpCDF	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
1,2,3,4,7,8-HxCDD	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
1,2,3,4,7,8-HxCDF	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
1,2,3,6,7,8-HxCDD	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
1,2,3,6,7,8-HxCDF	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
1,2,3,7,8,9-HxCDD	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
1,2,3,7,8,9-HxCDF	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
1,2,3,7,8-PeCDD	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
1,2,3,7,8-PeCDF	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
1,2,3-Trichlorobenzene	0.0062 U	0.028 U	0.015 UJ	0.016 UJ	0.021 UB	0.016 UBJ	0.0086 UJ	0.0098 UB	0.0075 UJ	0.0079 UJ
1,2,4,5-Tetrachlorobenzene	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
1,2,4-Trichlorobenzene	0.0062 U	0.028 U	0.015 UJ	0.016 UJ	0.021 UB	0.016 UJ	0.0086 UJ	0.0098 UB	0.0075 UJ	0.0079 UJ
1,2-Dibromo-3-Chloropropane	0.0062 U	0.028 U	0.015 UJ	0.016 UJ	0.021 U	0.016 UJ	0.0086 UJ	0.0098 U	0.0075 UJ	0.0079 UJ
1,2-Dibromoethane (Ethylene dibromide)	0.0062 U	0.028 U	0.015 U	0.016 U	0.021 U	0.016 U	0.0086 U	0.0098 U	0.0075 U	0.0079 U
1,2-Dichlorobenzene	0.0062 U	0.028 U	0.015 UJ	0.016 UJ	0.021 U	0.016 UJ	0.0086 UJ	0.0098 U	0.0075 UJ	0.0079 UJ
1,2-Dichloroethane	0.0062 U	0.028 U	0.015 U	0.016 U	0.021 U	0.016 U	0.0086 U	0.0098 U	0.0075 U	0.0079 U
1,2-Dichloroethene (Total)	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
1,2-Dichloropropane	0.0062 U	0.028 U	0.015 U	0.016 U	0.021 U	0.016 U	0.0086 U	0.0098 U	0.0075 U	0.0079 U
1,3-Dichlorobenzene	0.0062 U	0.028 U	0.015 UJ	0.016 UJ	0.021 U	0.016 UJ	0.0086 UJ	0.0098 U	0.0075 UJ	0.0079 UJ
1,4-Dichlorobenzene	0.0062 U	0.028 U	0.015 UJ	0.016 UJ	0.021 U	0.016 UJ	0.0086 UJ	0.0098 U	0.0075 UJ	0.0079 UJ
2,3,4,6,7,8-HxCDF	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
2,3,4,7,8-PeCDF	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
2,3,7,8-TCDD	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
2,3,7,8-TCDF	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
2,4,5-Trichlorophenol	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
2,4,6-Trichlorophenol	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
2,4-Dichlorophenol	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
2,4-Dimethylphenol	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
2,4-Dinitrophenol	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
2,4-Dinitrotoluene	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
2,6-Dinitrotoluene	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
2-Butanone (Methyl ethyl ketone) (a)	0.0062 U	0.028 UJ	0.015 UJ	0.016 U	0.021 UJ	0.016 U	0.0086 U	0.0098 UJ	0.0075 UJ	0.0079 UJ
2-Chloronaphthalene	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
2-Chlorophenol	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
2-Hexanone	0.0062 U	0.028 U	0.015 U	0.016 U	0.021 U	0.016 U	0.0086 U	0.0098 U	0.0075 U	0.0079 U

TABLE A-1  
Data Summary Table for Soil

Sample Location: Sample Date: Unit: Start Depth (inches): End Depth (inches):	OCIFP-102 10/14/2011 mg/kg 0 6	OCIFP-111 10/25/2011 mg/kg 0 7	OCIFP-120 10/25/2011 mg/kg 0 7	OCTBN-003 10/19/2011 mg/kg 0 6	OCTBN-011 10/26/2011 mg/kg 0 7	OCTBN-021 10/26/2011 mg/kg 0 6	OCTBN-031 10/26/2011 mg/kg 0 7	OCTBS-007 10/21/2011 mg/kg 0 6	OCTBS-017 10/26/2011 mg/kg 0 5	OCTBS-027 10/25/2011 mg/kg 0 6
2-Methylnaphthalene	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
2-Methylphenol (o-Cresol)	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
2-Nitroaniline	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
2-Nitrophenol	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
3,3'-Dichlorobenzidine	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
3+4-Methylphenol (m,p-Cresol)	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
3-Nitroaniline	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
4,4'-DDD	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
4,4'-DDE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
4,4'-DDT	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
4,6-Dinitro-2-Methylphenol	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
4-Bromophenyl phenyl ether	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
4-Chloro-3-Methylphenol	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
4-Chloroaniline	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
4-Chlorophenyl phenyl ether	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
4-Methylphenol (p-Cresol)	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
4-Nitroaniline	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
4-Nitrophenol	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Acenaphthene	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Acenaphthylene	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Acetone (a)	0.0062 U	0.079	0.015 U	0.016 U	0.021 UJ	0.016 U	0.0094 UBJ	0.0082 J (b)	0.0075 UJ	0.0079 U
Acetophenone	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Aldrin	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
alpha-BHC	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
alpha-Chlordane	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Aluminum	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Anthracene	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Antimony	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Arsenic	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Atrazine	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Barium	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Benzaldehyde	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Benzene	0.0062 U	0.028 U	0.015 U	0.016 U	0.021 U	0.016 U	0.0086 U	0.0098 U	0.0075 U	0.0079 U
Benzo(a)anthracene	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Benzo(a)pyrene	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Benzo(b)fluoranthene	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Benzo(g,h,i)perylene	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Benzo(k)fluoranthene	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Beryllium	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
beta-BHC	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
beta-Chlordane	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
bis(2-Chloroethoxy)methane	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
bis(2-Chloroethyl)ether	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
bis(2-Chloroisopropyl)ether	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS



**TABLE A-1**  
**Data Summary Table for Soil**

Sample Location: Sample Date: Unit: Start Depth (inches): End Depth (inches):	OCIFP-102 10/14/2011 mg/kg 0 6	OCIFP-111 10/25/2011 mg/kg 0 7	OCIFP-120 10/25/2011 mg/kg 0 7	OCTBN-003 10/19/2011 mg/kg 0 6	OCTBN-011 10/26/2011 mg/kg 0 7	OCTBN-021 10/26/2011 mg/kg 0 6	OCTBN-031 10/26/2011 mg/kg 0 7	OCTBS-007 10/21/2011 mg/kg 0 6	OCTBS-017 10/26/2011 mg/kg 0 5	OCTBS-027 10/25/2011 mg/kg 0 6
bis(2-Ethylhexyl)phthalate (b)	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Bromodichloromethane (Dichlorobromomethane)	0.0062 U	0.028 U	0.015 U	0.016 U	0.021 U	0.016 U	0.0086 U	0.0098 U	0.0075 U	0.0079 U
Bromoform (Tribromomethane)	0.0062 U	0.028 U	0.015 U	0.016 U	0.021 U	0.016 U	0.0086 U	0.0098 U	0.0075 U	0.0079 U
Bromomethane (Methyl bromide)	0.0062 UJ	0.028 U	0.015 U	0.016 UJ	0.021 UJ	0.016 UJ	0.0086 UJ	0.0098 U	0.0075 UJ	0.0079 U
Butyl benzyl phthalate (b)	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Cadmium	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Calcium	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Caprolactam	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Carbazole	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Carbon disulfide (a)	0.0062 U	0.028 U	0.015 U	0.016 U	0.021 U	0.016 U	0.0086 U	0.0098 U	0.0075 U	0.0079 U
Carbon tetrachloride	0.0062 U	0.028 U	0.015 U	0.016 U	0.021 U	0.016 U	0.0086 U	0.0098 U	0.0075 U	0.0079 U
Chlordane (technical)	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Chlorobenzene	0.0062 U	0.028 U	0.015 U	0.016 U	0.021 U	0.016 U	0.0086 U	0.0098 U	0.0075 U	0.0079 U
Chlorobromomethane (Bromochloromethane)	0.0062 U	0.028 U	0.015 U	0.016 U	0.021 U	0.016 U	0.0086 U	0.0098 U	0.0075 U	0.0079 U
Chlorodibromomethane (Dibromochloromethane)	0.0062 U	0.028 U	0.015 U	0.016 U	0.021 U	0.016 U	0.0086 U	0.0098 U	0.0075 U	0.0079 U
Chloroethane	0.0062 U	0.028 U	0.015 U	0.016 U	0.021 U	0.016 U	0.0086 U	0.0098 U	0.0075 U	0.0079 U
Chloroform	0.0062 U	0.028 U	0.015 U	0.016 U	0.021 U	0.016 U	0.00056 J	0.0098 U	0.0075 U	0.0079 U
Chloromethane (Methyl chloride)	0.0062 U	0.028 U	0.015 U	0.016 U	0.021 U	0.016 U	0.0086 U	0.0098 U	0.0075 U	0.0079 U
Chromium	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Chrysene	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
cis-1,2-Dichloroethene	0.0062 U	0.028 U	0.015 U	0.016 U	0.021 U	0.016 U	0.0086 U	0.0098 U	0.0075 U	0.0079 U
cis-1,3-Dichloropropene	0.0062 U	0.028 U	0.015 U	0.016 U	0.021 U	0.016 U	0.0086 U	0.0098 U	0.0075 U	0.0079 U
Cobalt	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Copper	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Cyanide	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
delta-BHC	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Dibenzo(a,h)anthracene	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Dibenzofuran	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Dichlorodifluoromethane	0.0062 U	0.028 U	0.015 U	0.016 U	0.021 U	0.016 U	0.0086 U	0.0098 U	0.0075 U	0.0079 U
Dieldrin	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Diethyl phthalate (b)	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Dimethyl phthalate	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Di-n-butyl phthalate (b)	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Di-n-octyl phthalate	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Endosulfan I	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Endosulfan II	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Endosulfan sulfate	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Endrin	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Endrin aldehyde	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Endrin ketone	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Ethylbenzene	0.0062 U	0.028 U	0.015 U	0.016 U	0.021 U	0.016 U	0.0086 U	0.0098 U	0.0075 U	0.0079 U
Fluoranthene	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Fluorene	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Freon-113 (1,1,2-trichloro-1,2,2-trifluoroethane)	0.0062 U	0.028 U	0.015 U	0.016 U	0.021 U	0.016 U	0.0086 U	0.0098 U	0.0075 U	0.0079 U

TABLE A-1  
Data Summary Table for Soil

Sample Location: Sample Date: Unit: Start Depth (inches): End Depth (inches):	OCIFP-102 10/14/2011 mg/kg 0 6	OCIFP-111 10/25/2011 mg/kg 0 7	OCIFP-120 10/25/2011 mg/kg 0 7	OCTBN-003 10/19/2011 mg/kg 0 6	OCTBN-011 10/26/2011 mg/kg 0 7	OCTBN-021 10/26/2011 mg/kg 0 6	OCTBN-031 10/26/2011 mg/kg 0 7	OCTBS-007 10/21/2011 mg/kg 0 6	OCTBS-017 10/26/2011 mg/kg 0 5	OCTBS-027 10/25/2011 mg/kg 0 6
gamma-BHC (Lindane)	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
gamma-Chlordane	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Heptachlor	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Heptachlor Epoxide	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Hexachlorobenzene	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Hexachlorobutadiene	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Hexachlorocyclopentadiene	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Hexachloroethane	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Indeno(1,2,3-cd)pyrene	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Iron	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Isophorone	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Isopropylbenzene (Cumene)	0.0062 U	0.028 U	0.015 UJ	0.016 UJ	0.021 U	0.016 UJ	0.0086 UJ	0.0098 U	0.0075 UJ	0.0079 UJ
Lead	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Magnesium	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Manganese	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Mercury	0.34	2.8 J	16.3	2.5	2.7 J	1.4	1.5	0.21	0.44 J	1.6
Methoxychlor	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Methyl isobutyl ketone (4-Methyl-2-pentanone)	0.0062 U	0.028 U	0.015 U	0.016 U	0.021 U	0.016 U	0.0086 U	0.0098 U	0.0075 U	0.0079 U
Methyl tertiary butyl ether (MTBE)	0.0062 U	0.028 U	0.015 U	0.016 U	0.021 U	0.016 U	0.0086 U	0.0098 U	0.0075 U	0.0079 U
Methylene chloride (Dichloromethane) (a)	0.0062 U	0.028 U	0.0029 J (b)	0.016 U	0.021 U	0.016 U	0.0086 U	0.0098 U	0.0075 U	0.0079 U
Naphthalene	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Nickel	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Nitrobenzene	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
N-Nitrosodi-n-propylamine	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
N-Nitrosodiphenylamine	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
OCDD	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
OCDF	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Pentachlorophenol	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Phenanthrene	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Phenol	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Potassium	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Pyrene	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Selenium	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Silver	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Sodium	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Styrene	0.0062 U	0.028 U	0.015 U	0.016 U	0.021 U	0.016 U	0.0086 U	0.0098 U	0.0075 U	0.0079 U
Tetrachloroethene (PCE)	0.0062 U	0.028 U	0.015 U	0.016 U	0.021 U	0.016 U	0.0086 U	0.0098 U	0.0075 U	0.0079 U
Thallium	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Toluene (a)	0.0062 U	0.00085 J (b)	0.00061 J (b)	0.016 U	0.021 U	0.016 U	0.0086 U	0.0098 U	0.0075 U	0.0079 U
Toxaphene	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
trans-1,2-Dichloroethene	0.0062 U	0.028 U	0.015 U	0.016 U	0.021 U	0.016 U	0.0086 U	0.0098 U	0.0075 U	0.0079 U
trans-1,3-Dichloropropene	0.0062 U	0.028 U	0.015 U	0.016 U	0.021 U	0.016 U	0.0086 U	0.0098 U	0.0075 U	0.0079 U
Trichloroethene (TCE)	0.0062 U	0.028 U	0.015 U	0.016 U	0.021 U	0.016 U	0.0086 U	0.0098 U	0.0075 U	0.0079 U
Trichlorofluoromethane	0.0062 U	0.028 U	0.015 U	0.016 U	0.021 U	0.016 U	0.0086 U	0.0098 U	0.0075 U	0.0079 U

TABLE A-1  
Data Summary Table for Soil

Sample Location: Sample Date: Unit: Start Depth (inches): End Depth (inches):	OCIFP-102 10/14/2011 mg/kg 0 6	OCIFP-111 10/25/2011 mg/kg 0 7	OCIFP-120 10/25/2011 mg/kg 0 7	OCTBN-003 10/19/2011 mg/kg 0 6	OCTBN-011 10/26/2011 mg/kg 0 7	OCTBN-021 10/26/2011 mg/kg 0 6	OCTBN-031 10/26/2011 mg/kg 0 7	OCTBS-007 10/21/2011 mg/kg 0 6	OCTBS-017 10/26/2011 mg/kg 0 5	OCTBS-027 10/25/2011 mg/kg 0 6
Vanadium	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Vinyl Chloride	0.0062 U	0.028 U	0.015 U	0.016 U	0.021 U	0.016 U	0.0086 U	0.0098 U	0.0075 U	0.0079 U
Xylenes, Total	0.0062 U	0.028 U	0.015 U	0.016 U	0.021 U	0.016 U	0.0086 U	0.0098 U	0.0075 U	0.0079 U
Zinc	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS

Notes:  
(a) Potential laboratory contaminant.  
(b) For potential lab contaminants: The detected value is  
J / B flagged and the result is less than the reporting  
limit; the sample is considered a non-detect.

TABLE A-1  
Data Summary Table for Soil

Sample Location: Sample Date: Unit: Start Depth (inches): End Depth (inches):	OES4-2 7/24/2013 mg/kg	OES4-2 7/24/2013 pg/g	OES4-2 7/24/2013 ug/kg	OES5-4 7/24/2013 mg/kg	OES5-4 7/24/2013 pg/g	OES5-4 7/24/2013 ug/kg	OES6-4 7/24/2013 mg/kg	OES6-4 7/24/2013 pg/g	OES6-4 7/24/2013 ug/kg	OES6-5 2/16/1994 mg/kg
	0	0	0	0	0	0	0	0	0	0
	6	6	6	6	6	6	6	6	6	6
1,1,1-Trichloroethane	NS	NS	6.2 U	NS	NS	13 U	NS	NS	21 U	NS
1,1,2,2-Tetrachloroethane	NS	NS	6.2 U	NS	NS	13 UJ	NS	NS	21 UJ	NS
1,1,2-Trichloroethane	NS	NS	6.2 U	NS	NS	13 U	NS	NS	21 U	NS
1,1-Dichloroethane	NS	NS	6.2 U	NS	NS	13 U	NS	NS	21 U	NS
1,1-Dichloroethene	NS	NS	6.2 U	NS	NS	13 U	NS	NS	21 U	NS
1,2,3,4,6,7,8,9-OCDD	NS	35000 J	NS	NS	69000 J	NS	NS	2500	NS	NS
1,2,3,4,6,7,8,9-OCDF	NS	1500	NS	NS	2800 J	NS	NS	65 JQ	NS	NS
1,2,3,4,6,7,8-HpCDD	NS	4400	NS	NS	9000	NS	NS	260	NS	NS
1,2,3,4,6,7,8-HpCDF	NS	890 J	NS	NS	4700	NS	NS	41 JQ	NS	NS
1,2,3,4,7,8,9-HpCDF	NS	36	NS	NS	68	NS	NS	3.5 JQ	NS	NS
1,2,3,4,7,8-HxCDD	NS	19	NS	NS	42	NS	NS	55 U	NS	NS
1,2,3,4,7,8-HxCDF	NS	44 J	NS	NS	88 J	NS	NS	55 U	NS	NS
1,2,3,6,7,8-HxCDD	NS	120	NS	NS	400	NS	NS	55 U	NS	NS
1,2,3,6,7,8-HxCDF	NS	50 J	NS	NS	140 J	NS	NS	55 U	NS	NS
1,2,3,7,8,9-HxCDD	NS	65 J	NS	NS	200 J	NS	NS	5.8 JQ	NS	NS
1,2,3,7,8,9-HxCDF	NS	13 U	NS	NS	5.2 JQ	NS	NS	55 U	NS	NS
1,2,3,7,8-PeCDD	NS	13 U	NS	NS	18 JQ	NS	NS	55 U	NS	NS
1,2,3,7,8-PeCDF	NS	3.9 JQ	NS	NS	26 U	NS	NS	55 U	NS	NS
1,2,3-Trichlorobenzene	NS	NS	6.2 U	NS	NS	13 UJ	NS	NS	21 UJ	NS
1,2,4,5-Tetrachlorobenzene	NS	NS	230 U	NS	NS	480 U	NS	NS	780 U	NS
1,2,4-Trichlorobenzene	NS	NS	6.2 U	NS	NS	13 UJ	NS	NS	21 UJ	NS
1,2-Dibromo-3-Chloropropane	NS	NS	6.2 U	NS	NS	13 UJ	NS	NS	21 UJ	NS
1,2-Dibromoethane (Ethylene dibromide)	NS	NS	6.2 U	NS	NS	13 U	NS	NS	21 U	NS
1,2-Dichlorobenzene	NS	NS	6.2 U	NS	NS	13 UJ	NS	NS	21 UJ	NS
1,2-Dichloroethane	NS	NS	6.2 U	NS	NS	13 U	NS	NS	21 U	NS
1,2-Dichloroethene (Total)	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
1,2-Dichloropropane	NS	NS	6.2 U	NS	NS	13 U	NS	NS	21 U	NS
1,3-Dichlorobenzene	NS	NS	6.2 U	NS	NS	13 UJ	NS	NS	21 UJ	NS
1,4-Dichlorobenzene	NS	NS	6.2 U	NS	NS	13 UJ	NS	NS	21 UJ	NS
2,3,4,6,7,8-HxCDF	NS	13 U	NS	NS	45	NS	NS	2.3 JQ	NS	NS
2,3,4,7,8-PeCDF	NS	13 U	NS	NS	31	NS	NS	1.1 JQ	NS	NS
2,3,7,8-TCDD	NS	12	NS	NS	6.2 J	NS	NS	3.7 JQ	NS	NS
2,3,7,8-TCDF	NS	42 J	NS	NS	26	NS	NS	18 J	NS	NS
2,4,5-Trichlorophenol	NS	NS	230 U	NS	NS	480 U	NS	NS	780 U	NS
2,4,6-Trichlorophenol	NS	NS	230 U	NS	NS	480 U	NS	NS	780 U	NS
2,4-Dichlorophenol	NS	NS	230 U	NS	NS	480 U	NS	NS	780 U	NS
2,4-Dimethylphenol	NS	NS	230 U	NS	NS	480 U	NS	NS	780 U	NS
2,4-Dinitrophenol	NS	NS	450 U	NS	NS	930 U	NS	NS	1500 U	NS
2,4-Dinitrotoluene	NS	NS	230 U	NS	NS	480 U	NS	NS	780 U	NS
2,6-Dinitrotoluene	NS	NS	230 U	NS	NS	480 U	NS	NS	780 U	NS
2-Butanone (Methyl ethyl ketone) (a)	NS	NS	5.5 JQ (b)	NS	NS	13 U	NS	NS	53	NS
2-Chloronaphthalene	NS	NS	230 U	NS	NS	480 U	NS	NS	780 U	NS
2-Chlorophenol	NS	NS	230 U	NS	NS	480 U	NS	NS	780 U	NS
2-Hexanone	NS	NS	6.2 U	NS	NS	13 U	NS	NS	21 U	NS

TABLE A-1  
Data Summary Table for Soil

Sample Location: Sample Date: Unit: Start Depth (inches): End Depth (inches):	OES4-2 7/24/2013 mg/kg	OES4-2 7/24/2013 pg/g	OES4-2 7/24/2013 ug/kg	OES5-4 7/24/2013 mg/kg	OES5-4 7/24/2013 pg/g	OES5-4 7/24/2013 ug/kg	OES6-4 7/24/2013 mg/kg	OES6-4 7/24/2013 pg/g	OES6-4 7/24/2013 ug/kg	OES6-5 2/16/1994 mg/kg
	0	0	0	0	0	0	0	0	0	0
	6	6	6	6	6	6	6	6	6	6
2-Methylnaphthalene	NS	NS	20 JQ	NS	NS	19 JQ	NS	NS	780 U	NS
2-Methylphenol (o-Cresol)	NS	NS	230 U	NS	NS	480 U	NS	NS	780 U	NS
2-Nitroaniline	NS	NS	450 U	NS	NS	930 U	NS	NS	1500 U	NS
2-Nitrophenol	NS	NS	230 U	NS	NS	480 U	NS	NS	780 U	NS
3,3'-Dichlorobenzidine	NS	NS	230 U	NS	NS	480 U	NS	NS	780 U	NS
3+4-Methylphenol (m,p-Cresol)	NS	NS	450 U	NS	NS	930 U	NS	NS	1500 U	NS
3-Nitroaniline	NS	NS	450 U	NS	NS	930 U	NS	NS	1500 U	NS
4,4'-DDD	NS	NS	30 JQ	NS	NS	230 U	NS	NS	7.7 U	NS
4,4'-DDE	NS	NS	46 U	NS	NS	230 U	NS	NS	7.7 U	NS
4,4'-DDT	NS	NS	81	NS	NS	200 JQ	NS	NS	6.1 JQ	NS
4,6-Dinitro-2-Methylphenol	NS	NS	450 U	NS	NS	930 U	NS	NS	1500 U	NS
4-Bromophenyl phenyl ether	NS	NS	230 U	NS	NS	480 U	NS	NS	780 U	NS
4-Chloro-3-Methylphenol	NS	NS	230 U	NS	NS	480 U	NS	NS	780 U	NS
4-Chloroaniline	NS	NS	230 U	NS	NS	480 U	NS	NS	780 U	NS
4-Chlorophenyl phenyl ether	NS	NS	230 U	NS	NS	480 U	NS	NS	780 U	NS
4-Methylphenol (p-Cresol)	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
4-Nitroaniline	NS	NS	450 U	NS	NS	930 U	NS	NS	1500 U	NS
4-Nitrophenol	NS	NS	450 U	NS	NS	930 U	NS	NS	1500 U	NS
Acenaphthene	NS	NS	230 U	NS	NS	480 U	NS	NS	780 U	NS
Acenaphthylene	NS	NS	23 JQ	NS	NS	54 JQ	NS	NS	780 U	NS
Acetone (a)	NS	NS	28	NS	NS	5.7 JQ (b)	NS	NS	220	NS
Acetophenone	NS	NS	230 U	NS	NS	480 U	NS	NS	780 U	NS
Aldrin	NS	NS	46 U	NS	NS	230 U	NS	NS	7.7 U	NS
alpha-BHC	NS	NS	46 U	NS	NS	230 U	NS	NS	7.7 U	NS
alpha-Chlordane	NS	NS	46 U	NS	NS	230 U	NS	NS	7.7 U	NS
Aluminum	6760	NS	NS	16600	NS	NS	8360	NS	NS	9630
Anthracene	NS	NS	19 JQ	NS	NS	35 JQ	NS	NS	780 U	NS
Antimony	6.1 U	NS	NS	11.8 U	NS	NS	17.8 U	NS	NS	6.3 U
Arsenic	12.8	NS	NS	18.9	NS	NS	15.4	NS	NS	11.4
Atrazine	NS	NS	230 U	NS	NS	480 U	NS	NS	780 U	NS
Barium	185	NS	NS	345	NS	NS	185	NS	NS	189
Benzaldehyde	NS	NS	42 JQ	NS	NS	480 U	NS	NS	780 U	NS
Benzene	NS	NS	6.2 U	NS	NS	13 U	NS	NS	21 U	NS
Benzo(a)anthracene	NS	NS	96 JQ	NS	NS	220 JQ	NS	NS	780 U	NS
Benzo(a)pyrene	NS	NS	120 JQ	NS	NS	260 JQ	NS	NS	780 U	NS
Benzo(b)fluoranthene	NS	NS	180 JQ	NS	NS	300 JQ	NS	NS	780 U	NS
Benzo(g,h,i)perylene	NS	NS	230 U	NS	NS	260 JQ	NS	NS	780 U	NS
Benzo(k)fluoranthene	NS	NS	160 JQ	NS	NS	140 JQ	NS	NS	780 U	NS
Beryllium	0.33 JQ	NS	NS	0.82 JQ	NS	NS	0.29 JQ	NS	NS	0.43 B
beta-BHC	NS	NS	46 U	NS	NS	230 U	NS	NS	7.7 U	NS
beta-Chlordane	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
bis(2-Chloroethoxy)methane	NS	NS	230 U	NS	NS	480 U	NS	NS	780 U	NS
bis(2-Chloroethyl)ether	NS	NS	230 U	NS	NS	480 U	NS	NS	780 U	NS
bis(2-Chloroisopropyl)ether	NS	NS	230 U	NS	NS	480 U	NS	NS	780 U	NS

TABLE A-1  
Data Summary Table for Soil

Sample Location: Sample Date: Unit: Start Depth (inches): End Depth (inches):	OES4-2 7/24/2013 mg/kg	OES4-2 7/24/2013 pg/g	OES4-2 7/24/2013 ug/kg	OES5-4 7/24/2013 mg/kg	OES5-4 7/24/2013 pg/g	OES5-4 7/24/2013 ug/kg	OES6-4 7/24/2013 mg/kg	OES6-4 7/24/2013 pg/g	OES6-4 7/24/2013 ug/kg	OES6-5 2/16/1994 mg/kg
	0	0	0	0	0	0	0	0	0	0
	6	6	6	6	6	6	6	6	6	6
bis(2-Ethylhexyl)phthalate (b)	NS	NS	230 U	NS	NS	480 U	NS	NS	780 U	NS
Bromodichloromethane (Dichlorobromomethane)	NS	NS	6.2 U	NS	NS	13 U	NS	NS	21 U	NS
Bromoform (Tribromomethane)	NS	NS	6.2 U	NS	NS	13 U	NS	NS	21 U	NS
Bromomethane (Methyl bromide)	NS	NS	6.2 U	NS	NS	13 U	NS	NS	21 U	NS
Butyl benzyl phthalate (b)	NS	NS	230 U	NS	NS	480 U	NS	NS	780 U	NS
Cadmium	2.1	NS	NS	10.2	NS	NS	2.1	NS	NS	0.91 B
Calcium	2650	NS	NS	12700	NS	NS	18700	NS	NS	26100
Caprolactam	NS	NS	230 U	NS	NS	480 U	NS	NS	780 U	NS
Carbazole	NS	NS	230 U	NS	NS	480 U	NS	NS	780 U	NS
Carbon disulfide (a)	NS	NS	6.2 U	NS	NS	13 U	NS	NS	8.1 JQ (b)	NS
Carbon tetrachloride	NS	NS	6.2 U	NS	NS	13 U	NS	NS	21 U	NS
Chlordane (technical)	NS	NS	460 U	NS	NS	2300 U	NS	NS	77 U	NS
Chlorobenzene	NS	NS	6.2 U	NS	NS	13 U	NS	NS	21 U	NS
Chlorobromomethane (Bromochloromethane)	NS	NS	6.2 U	NS	NS	13 U	NS	NS	21 U	NS
Chlorodibromomethane (Dibromochloromethane)	NS	NS	6.2 U	NS	NS	13 U	NS	NS	21 U	NS
Chloroethane	NS	NS	6.2 UJ	NS	NS	13 UJ	NS	NS	21 UJ	NS
Chloroform	NS	NS	6.2 U	NS	NS	13 U	NS	NS	21 U	NS
Chloromethane (Methyl chloride)	NS	NS	6.2 U	NS	NS	13 U	NS	NS	21 U	NS
Chromium	73.6	NS	NS	216	NS	NS	18.1	NS	NS	53.8
Chrysene	NS	NS	110 JQ	NS	NS	230 JQ	NS	NS	780 U	NS
cis-1,2-Dichloroethene	NS	NS	6.2 U	NS	NS	13 U	NS	NS	21 U	NS
cis-1,3-Dichloropropene	NS	NS	6.2 U	NS	NS	13 U	NS	NS	21 U	NS
Cobalt	6.7	NS	NS	14.3	NS	NS	6.2 JQ	NS	NS	7.2 B
Copper	84	NS	NS	262	NS	NS	23.7	NS	NS	64.1
Cyanide	NS	NS	NS	NS	NS	NS	NS	NS	NS	0.94 U
delta-BHC	NS	NS	46 U	NS	NS	230 U	NS	NS	1.5 JQ	NS
Dibenzo(a,h)anthracene	NS	NS	230 U	NS	NS	480 U	NS	NS	780 U	NS
Dibenzofuran	NS	NS	230 U	NS	NS	480 U	NS	NS	780 U	NS
Dichlorodifluoromethane	NS	NS	6.2 UJ	NS	NS	13 UJ	NS	NS	21 UJ	NS
Dieldrin	NS	NS	46 U	NS	NS	230 U	NS	NS	7.7 U	NS
Diethyl phthalate (b)	NS	NS	230 U	NS	NS	480 U	NS	NS	780 U	NS
Dimethyl phthalate	NS	NS	230 U	NS	NS	480 U	NS	NS	780 U	NS
Di-n-butyl phthalate (b)	NS	NS	230 U	NS	NS	480 U	NS	NS	780 U	NS
Di-n-octyl phthalate	NS	NS	230 U	NS	NS	480 U	NS	NS	780 U	NS
Endosulfan I	NS	NS	46 U	NS	NS	230 U	NS	NS	7.7 U	NS
Endosulfan II	NS	NS	46 U	NS	NS	230 U	NS	NS	7.7 U	NS
Endosulfan sulfate	NS	NS	46 U	NS	NS	230 U	NS	NS	7.7 U	NS
Endrin	NS	NS	46 U	NS	NS	230 U	NS	NS	7.7 U	NS
Endrin aldehyde	NS	NS	46 U	NS	NS	230 U	NS	NS	7.7 U	NS
Endrin ketone	NS	NS	46 U	NS	NS	230 U	NS	NS	7.7 U	NS
Ethylbenzene	NS	NS	6.2 U	NS	NS	13 U	NS	NS	21 U	NS
Fluoranthene	NS	NS	140 JQ	NS	NS	230 JQ	NS	NS	780 U	NS
Fluorene	NS	NS	230 U	NS	NS	480 U	NS	NS	780 U	NS
Freon-113 (1,1,2-trichloro-1,2,2-trifluoroethane)	NS	NS	6.2 U	NS	NS	13 U	NS	NS	21 U	NS

TABLE A-1  
Data Summary Table for Soil

Sample Location: Sample Date: Unit: Start Depth (inches): End Depth (inches):	OES4-2	OES4-2	OES4-2	OES5-4	OES5-4	OES5-4	OES6-4	OES6-4	OES6-4	OES6-5
	7/24/2013	7/24/2013	7/24/2013	7/24/2013	7/24/2013	7/24/2013	7/24/2013	7/24/2013	7/24/2013	2/16/1994
	mg/kg	pg/g	ug/kg	mg/kg	pg/g	ug/kg	mg/kg	pg/g	ug/kg	mg/kg
	0	0	0	0	0	0	0	0	0	0
	6	6	6	6	6	6	6	6	6	6
	gamma-BHC (Lindane)	NS	NS	46 U	NS	NS	230 U	NS	NS	1.6 JQ
	gamma-Chlordane	NS	NS	46 U	NS	NS	230 U	NS	NS	7.7 U
	Heptachlor	NS	NS	46 U	NS	NS	230 U	NS	NS	7.7 U
Heptachlor Epoxide	NS	NS	46 U	NS	NS	NS	230 U	NS	NS	7.7 U
Hexachlorobenzene	NS	NS	230 U	NS	NS	NS	480 U	NS	NS	780 U
Hexachlorobutadiene	NS	NS	230 U	NS	NS	NS	480 U	NS	NS	780 U
Hexachlorocyclopentadiene	NS	NS	230 U	NS	NS	NS	480 U	NS	NS	780 U
Hexachloroethane	NS	NS	230 U	NS	NS	NS	480 U	NS	NS	780 U
Indeno(1,2,3-cd)pyrene	NS	NS	230 U	NS	NS	NS	490	NS	NS	780 U
Iron	11800	NS	NS	23000	NS	NS	17000	NS	NS	20400
Isophorone	NS	NS	230 U	NS	NS	NS	480 U	NS	NS	780 U
Isopropylbenzene (Cumene)	NS	NS	6.2 U	NS	NS	NS	13 UJ	NS	NS	21 UJ
Lead	294	NS	NS	995	NS	NS	51.8	NS	NS	129 J
Magnesium	1350	NS	NS	3710	NS	NS	4180	NS	NS	7750
Manganese	1340	NS	NS	2760	NS	NS	695	NS	NS	1150
Mercury	1.4	NS	NS	4.2	NS	NS	0.094 JQ	NS	NS	0.68
Methoxychlor	NS	NS	35 JQ	NS	NS	NS	190 JQ	NS	NS	7.7 U
Methyl isobutyl ketone (4-Methyl-2-pentanone)	NS	NS	6.2 U	NS	NS	NS	13 UJ	NS	NS	21 UJ
Methyl tertiary butyl ether (MTBE)	NS	NS	6.2 U	NS	NS	NS	13 U	NS	NS	21 U
Methylene chloride (Dichloromethane) (a)	NS	NS	6.2 U	NS	NS	NS	13 U	NS	NS	21 U
Naphthalene	NS	NS	14 JQ	NS	NS	NS	480 U	NS	NS	780 U
Nickel	17.4	NS	NS	40	NS	NS	13.3	NS	NS	21.4
Nitrobenzene	NS	NS	230 U	NS	NS	NS	480 U	NS	NS	780 U
N-Nitrosodi-n-propylamine	NS	NS	230 U	NS	NS	NS	480 U	NS	NS	780 U
N-Nitrosodiphenylamine	NS	NS	230 U	NS	NS	NS	480 U	NS	NS	780 U
OCDD	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
OCDF	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Pentachlorophenol	NS	NS	450 U	NS	NS	NS	930 U	NS	NS	1500 U
Phenanthrene	NS	NS	68 JQ	NS	NS	NS	110 JQ	NS	NS	780 U
Phenol	NS	NS	230 U	NS	NS	NS	480 U	NS	NS	250 JQ
Potassium	281 JQ	NS	NS	836 JQ	NS	NS	982 JQ	NS	NS	715 B
Pyrene	NS	NS	180 JQ	NS	NS	NS	350 JQ	NS	NS	780 U
Selenium	3.6 U	NS	NS	2.5 JQ	NS	NS	10.4 U	NS	NS	0.6 B
Silver	0.89	NS	NS	3.4	NS	NS	3.1 U	NS	NS	1.2 U
Sodium	38.8 B	NS	NS	150 JQ	NS	NS	516 JQ	NS	NS	107 B
Styrene	NS	NS	6.2 U	NS	NS	NS	13 U	NS	NS	21 U
Tetrachloroethene (PCE)	NS	NS	6.2 U	NS	NS	NS	13 U	NS	NS	21 U
Thallium	2.6 U	NS	NS	4.9 U	NS	NS	7.4 U	NS	NS	0.43 U
Toluene (a)	NS	NS	6.2 U	NS	NS	NS	13 U	NS	NS	5.8 JQ (b)
Toxaphene	NS	NS	460 U	NS	NS	NS	2300 U	NS	NS	77 U
trans-1,2-Dichloroethene	NS	NS	6.2 U	NS	NS	NS	13 U	NS	NS	21 U
trans-1,3-Dichloropropene	NS	NS	6.2 U	NS	NS	NS	13 U	NS	NS	21 U
Trichloroethene (TCE)	NS	NS	6.2 U	NS	NS	NS	13 U	NS	NS	21 U
Trichlorofluoromethane	NS	NS	6.2 U	NS	NS	NS	13 U	NS	NS	21 U

TABLE A-1  
Data Summary Table for Soil

Sample Location: Sample Date: Unit: Start Depth (inches): End Depth (inches):	OES4-2 7/24/2013 mg/kg	OES4-2 7/24/2013 pg/g	OES4-2 7/24/2013 ug/kg	OES5-4 7/24/2013 mg/kg	OES5-4 7/24/2013 pg/g	OES5-4 7/24/2013 ug/kg	OES6-4 7/24/2013 mg/kg	OES6-4 7/24/2013 pg/g	OES6-4 7/24/2013 ug/kg	OES6-5 2/16/1994 mg/kg
	0	0	0	0	0	0	0	0	0	0
	6	6	6	6	6	6	6	6	6	6
Vanadium	14.6	NS	NS	26.7	NS	NS	17.6	NS	NS	20.5
Vinyl Chloride	NS	NS	6.2 U	NS	NS	13 U	NS	NS	21 U	NS
Xylenes, Total	NS	NS	6.2 U	NS	NS	13 U	NS	NS	21 U	NS
Zinc	152	NS	NS	704	NS	NS	93	NS	NS	194

Notes:  
(a) Potential laboratory contaminant.  
(b) For potential lab contaminants: The detected value is J / B flagged and the result is less than the reporting limit; the sample is considered a non-detect.



TABLE A-1  
Data Summary Table for Soil

Sample Location: Sample Date: Unit: Start Depth (inches): End Depth (inches):	OES6-5 2/16/1994 ug/kg	OFP-002 7/24/2013 mg/kg	OFP-002 7/24/2013 pg/g	OFP-002 7/24/2013 ug/kg	OFP-025 7/26/2013 mg/kg	OFP-025 7/26/2013 pg/g	OFP-025 7/26/2013 ug/kg	OFP-031 7/25/2013 mg/kg	OFP-031 7/25/2013 pg/g	OFP-031 7/25/2013 ug/kg
	0	0	0	0	0	0	0	0	0	0
	6	6	6	6	6	6	6	6	6	6
1,1,1-Trichloroethane	19 U	NS	NS	7.9 U	NS	NS	6.4 U	NS	NS	15 U
1,1,2,2-Tetrachloroethane	19 U	NS	NS	7.9 U	NS	NS	6.4 UJ	NS	NS	15 UJ
1,1,2-Trichloroethane	19 U	NS	NS	7.9 U	NS	NS	6.4 U	NS	NS	15 U
1,1-Dichloroethane	19 U	NS	NS	7.9 U	NS	NS	6.4 U	NS	NS	15 U
1,1-Dichloroethene	19 U	NS	NS	7.9 U	NS	NS	6.4 U	NS	NS	15 U
1,2,3,4,6,7,8,9-OCDD	NS	NS	83000 J	NS	NS	790	NS	NS	1600	NS
1,2,3,4,6,7,8,9-OCDF	NS	NS	3100	NS	NS	21 JQ	NS	NS	56	NS
1,2,3,4,6,7,8-HpCDD	NS	NS	10000	NS	NS	92	NS	NS	190	NS
1,2,3,4,6,7,8-HpCDF	NS	NS	1800 J	NS	NS	14 JQ	NS	NS	22 JQ	NS
1,2,3,4,7,8,9-HpCDF	NS	NS	84	NS	NS	14 U	NS	NS	22 U	NS
1,2,3,4,7,8-HxCDD	NS	NS	42 JQ	NS	NS	14 U	NS	NS	1.2 JQ	NS
1,2,3,4,7,8-HxCDF	NS	NS	86 J	NS	NS	14 U	NS	NS	22 U	NS
1,2,3,6,7,8-HxCDD	NS	NS	270	NS	NS	4.2 JQ	NS	NS	22 U	NS
1,2,3,6,7,8-HxCDF	NS	NS	91 J	NS	NS	14 U	NS	NS	22 U	NS
1,2,3,7,8,9-HxCDD	NS	NS	150 J	NS	NS	14 U	NS	NS	22 U	NS
1,2,3,7,8,9-HxCDF	NS	NS	47 U	NS	NS	14 U	NS	NS	22 U	NS
1,2,3,7,8-PeCDD	NS	NS	47 U	NS	NS	14 U	NS	NS	22 U	NS
1,2,3,7,8-PeCDF	NS	NS	47 U	NS	NS	6.4 JQ	NS	NS	22 U	NS
1,2,3-Trichlorobenzene	NS	NS	NS	7.9 U	NS	NS	6.4 UJ	NS	NS	15 UJ
1,2,4,5-Tetrachlorobenzene	NS	NS	NS	300 U	NS	NS	240 U	NS	NS	500 U
1,2,4-Trichlorobenzene	630 U	NS	NS	7.9 U	NS	NS	6.4 UJ	NS	NS	15 UJ
1,2-Dibromo-3-Chloropropane	NS	NS	NS	7.9 U	NS	NS	6.4 UJ	NS	NS	15 UJ
1,2-Dibromoethane (Ethylene dibromide)	NS	NS	NS	7.9 U	NS	NS	6.4 U	NS	NS	15 U
1,2-Dichlorobenzene	630 U	NS	NS	7.9 U	NS	NS	6.4 UJ	NS	NS	15 UJ
1,2-Dichloroethane	19 U	NS	NS	7.9 U	NS	NS	6.4 U	NS	NS	15 U
1,2-Dichloroethene (Total)	19 U	NS	NS	NS	NS	NS	NS	NS	NS	NS
1,2-Dichloropropane	19 U	NS	NS	7.9 U	NS	NS	6.4 U	NS	NS	15 U
1,3-Dichlorobenzene	630 U	NS	NS	7.9 U	NS	NS	6.4 UJ	NS	NS	15 UJ
1,4-Dichlorobenzene	630 U	NS	NS	7.9 U	NS	NS	6.4 UJ	NS	NS	15 UJ
2,3,4,6,7,8-HxCDF	NS	NS	47 U	NS	NS	14 U	NS	NS	22 U	NS
2,3,4,7,8-PeCDF	NS	NS	47 U	NS	NS	14 U	NS	NS	22 U	NS
2,3,7,8-TCDD	NS	NS	51	NS	NS	2.9 U	NS	NS	3.2 JQ	NS
2,3,7,8-TCDF	NS	NS	190	NS	NS	54	NS	NS	12 J	NS
2,4,5-Trichlorophenol	1500 U	NS	NS	300 U	NS	NS	240 U	NS	NS	500 U
2,4,6-Trichlorophenol	630 U	NS	NS	300 U	NS	NS	240 U	NS	NS	500 U
2,4-Dichlorophenol	630 U	NS	NS	300 U	NS	NS	240 U	NS	NS	500 U
2,4-Dimethylphenol	630 U	NS	NS	300 U	NS	NS	240 U	NS	NS	500 U
2,4-Dinitrophenol	1500 U	NS	NS	580 U	NS	NS	460 U	NS	NS	960 U
2,4-Dinitrotoluene	630 U	NS	NS	300 U	NS	NS	240 U	NS	NS	500 U
2,6-Dinitrotoluene	630 U	NS	NS	300 U	NS	NS	240 U	NS	NS	500 U
2-Butanone (Methyl ethyl ketone) (a)	19 U	NS	NS	6.6 JQ (b)	NS	NS	6.4 U	NS	NS	15 U
2-Chloronaphthalene	630 U	NS	NS	300 U	NS	NS	240 U	NS	NS	500 U
2-Chlorophenol	630 U	NS	NS	300 U	NS	NS	240 U	NS	NS	500 U
2-Hexanone	19 U	NS	NS	7.9 U	NS	NS	6.4 U	NS	NS	15 U

TABLE A-1  
Data Summary Table for Soil

Sample Location: Sample Date: Unit: Start Depth (inches): End Depth (inches):	OES6-5 2/16/1994 ug/kg	OFP-002 7/24/2013 mg/kg	OFP-002 7/24/2013 pg/g	OFP-002 7/24/2013 ug/kg	OFP-025 7/26/2013 mg/kg	OFP-025 7/26/2013 pg/g	OFP-025 7/26/2013 ug/kg	OFP-031 7/25/2013 mg/kg	OFP-031 7/25/2013 pg/g	OFP-031 7/25/2013 ug/kg
	0	0	0	0	0	0	0	0	0	0
	6	6	6	6	6	6	6	6	6	6
2-Methylnaphthalene	630 U	NS	NS	20 JQ	NS	NS	6.2 JQ	NS	NS	500 U
2-Methylphenol (o-Cresol)	630 U	NS	NS	300 U	NS	NS	240 U	NS	NS	500 U
2-Nitroaniline	1500 U	NS	NS	580 U	NS	NS	460 U	NS	NS	960 U
2-Nitrophenol	630 U	NS	NS	300 U	NS	NS	240 U	NS	NS	500 U
3,3'-Dichlorobenzidine	630 U	NS	NS	300 U	NS	NS	240 U	NS	NS	500 U
3+4-Methylphenol (m,p-Cresol)	NS	NS	NS	580 U	NS	NS	460 U	NS	NS	960 U
3-Nitroaniline	1500 U	NS	NS	580 U	NS	NS	460 U	NS	NS	960 U
4,4'-DDD	NS R	NS	NS	67	NS	NS	7.1 JQ	NS	NS	33
4,4'-DDE	10	NS	NS	32 JQ	NS	NS	12 U	NS	NS	20
4,4'-DDT	NS R	NS	NS	160	NS	NS	18	NS	NS	60
4,6-Dinitro-2-Methylphenol	1500 U	NS	NS	580 U	NS	NS	460 U	NS	NS	960 U
4-Bromophenyl phenyl ether	630 U	NS	NS	300 U	NS	NS	240 U	NS	NS	500 U
4-Chloro-3-Methylphenol	630 U	NS	NS	300 U	NS	NS	240 U	NS	NS	500 U
4-Chloroaniline	630 U	NS	NS	300 U	NS	NS	240 U	NS	NS	500 U
4-Chlorophenyl phenyl ether	630 U	NS	NS	300 U	NS	NS	240 U	NS	NS	500 U
4-Methylphenol (p-Cresol)	630 U	NS	NS	NS	NS	NS	NS	NS	NS	NS
4-Nitroaniline	1500 U	NS	NS	580 U	NS	NS	460 U	NS	NS	960 U
4-Nitrophenol	1500 U	NS	NS	580 U	NS	NS	460 U	NS	NS	960 U
Acenaphthene	630 U	NS	NS	300 U	NS	NS	240 U	NS	NS	500 U
Acenaphthylene	630 U	NS	NS	21 JQ	NS	NS	240 U	NS	NS	500 U
Acetone (a)	19 U	NS	NS	46	NS	NS	17	NS	NS	17
Acetophenone	NS	NS	NS	15 JQ	NS	NS	240 U	NS	NS	500 U
Aldrin	3.3 U	NS	NS	58 U	NS	NS	12 U	NS	NS	19
alpha-BHC	3.3 U	NS	NS	58 U	NS	NS	12 U	NS	NS	4.9 U
alpha-Chlordane	6.5 J	NS	NS	58 U	NS	NS	12 U	NS	NS	3.7 JQ
Aluminum	NS	15100	NS	NS	6810	NS	NS	9160	NS	NS
Anthracene	630 U	NS	NS	17 JQ	NS	NS	11 JQ	NS	NS	500 U
Antimony	NS	7.9 U	NS	NS	4.5 U	NS	NS	11.1 U	NS	NS
Arsenic	NS	13.8	NS	NS	6.7	NS	NS	29.7	NS	NS
Atrazine	NS	NS	NS	300 U	NS	NS	240 U	NS	NS	500 U
Barium	NS	447	NS	NS	153	NS	NS	218	NS	NS
Benzaldehyde	NS	NS	NS	53 JQ	NS	NS	240 U	NS	NS	500 U
Benzene	19 U	NS	NS	7.9 U	NS	NS	6.4 U	NS	NS	15 U
Benzo(a)anthracene	99 J	NS	NS	91 JQ	NS	NS	78 JQ	NS	NS	500 U
Benzo(a)pyrene	140 J	NS	NS	130 JQ	NS	NS	84 JQ	NS	NS	48 JQ
Benzo(b)fluoranthene	150 J	NS	NS	170 JQ	NS	NS	120 JQ	NS	NS	500 U
Benzo(g,h,i)perylene	87 J	NS	NS	91 JQ	NS	NS	240 U	NS	NS	500 U
Benzo(k)fluoranthene	140 J	NS	NS	75 JQ	NS	NS	42 JQ	NS	NS	500 U
Beryllium	NS	0.64 JQ	NS	NS	0.26 JQ	NS	NS	0.37 JQ	NS	NS
beta-BHC	3.3 U	NS	NS	58 U	NS	NS	12 U	NS	NS	1.9 JQ
beta-Chlordane	2.8 J	NS	NS	NS	NS	NS	NS	NS	NS	NS
bis(2-Chloroethoxy)methane	630 U	NS	NS	300 U	NS	NS	240 U	NS	NS	500 U
bis(2-Chloroethyl)ether	630 U	NS	NS	300 U	NS	NS	240 U	NS	NS	500 U
bis(2-Chloroisopropyl)ether	630 UJ	NS	NS	300 U	NS	NS	240 U	NS	NS	500 U

**TABLE A-1**  
**Data Summary Table for Soil**

Sample Location: Sample Date: Unit: Start Depth (inches): End Depth (inches):	OES6-5 2/16/1994 ug/kg 0 6	OFP-002 7/24/2013 mg/kg 0 6	OFP-002 7/24/2013 pg/g 0 6	OFP-002 7/24/2013 ug/kg 0 6	OFP-025 7/26/2013 mg/kg 0 6	OFP-025 7/26/2013 pg/g 0 6	OFP-025 7/26/2013 ug/kg 0 6	OFP-031 7/25/2013 mg/kg 0 6	OFP-031 7/25/2013 pg/g 0 6	OFP-031 7/25/2013 ug/kg 0 6
bis(2-Ethylhexyl)phthalate (b)	66 J	NS	NS	300 U	NS	NS	120 JQ (b)	NS	NS	500 U
Bromodichloromethane (Dichlorobromomethane)	19 U	NS	NS	7.9 U	NS	NS	6.4 U	NS	NS	15 U
Bromoform (Tribromomethane)	19 U	NS	NS	7.9 U	NS	NS	6.4 U	NS	NS	15 U
Bromomethane (Methyl bromide)	19 UJ	NS	NS	7.9 U	NS	NS	6.4 U	NS	NS	15 U
Butyl benzyl phthalate (b)	630 U	NS	NS	300 U	NS	NS	240 U	NS	NS	500 U
Cadmium	NS	7.7	NS	NS	0.71	NS	NS	1.6	NS	NS
Calcium	NS	6890	NS	NS	2650	NS	NS	9630	NS	NS
Caprolactam	NS	NS	NS	300 U	NS	NS	240 U	NS	NS	500 U
Carbazole	630 U	NS	NS	300 U	NS	NS	240 U	NS	NS	500 U
Carbon disulfide (a)	19 U	NS	NS	7.9 U	NS	NS	6.4 U	NS	NS	15 U
Carbon tetrachloride	19 U	NS	NS	7.9 U	NS	NS	6.4 U	NS	NS	15 U
Chlordane (technical)	NS	NS	NS	580 U	NS	NS	120 U	NS	NS	49 U
Chlorobenzene	19 U	NS	NS	7.9 U	NS	NS	6.4 U	NS	NS	15 U
Chlorobromomethane (Bromochloromethane)	NS	NS	NS	7.9 U	NS	NS	6.4 U	NS	NS	15 U
Chlorodibromomethane (Dibromochloromethane)	19 U	NS	NS	7.9 U	NS	NS	6.4 U	NS	NS	15 U
Chloroethane	19 U	NS	NS	7.9 UJ	NS	NS	6.4 UJ	NS	NS	15 UJ
Chloroform	19 U	NS	NS	7.9 U	NS	NS	6.4 U	NS	NS	15 U
Chloromethane (Methyl chloride)	19 UJ	NS	NS	7.9 U	NS	NS	6.4 U	NS	NS	15 U
Chromium	NS	208	NS	NS	24.6	NS	NS	67.9	NS	NS
Chrysene	150 J	NS	NS	120 JQ	NS	NS	92 JQ	NS	NS	500 U
cis-1,2-Dichloroethene	NS	NS	NS	7.9 U	NS	NS	6.4 U	NS	NS	15 U
cis-1,3-Dichloropropene	19 U	NS	NS	7.9 U	NS	NS	6.4 U	NS	NS	15 U
Cobalt	NS	10.1	NS	NS	3.9	NS	NS	5.7 JQ	NS	NS
Copper	NS	227	NS	NS	43.1	NS	NS	63.1	NS	NS
Cyanide	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
delta-BHC	3.3 U	NS	NS	18 JQ	NS	NS	3.7 JQ	NS	NS	0.96 JQ
Dibenzo(a,h)anthracene	630 U	NS	NS	300 U	NS	NS	240 U	NS	NS	500 U
Dibenzofuran	630 U	NS	NS	300 U	NS	NS	240 U	NS	NS	500 U
Dichlorodifluoromethane	NS	NS	NS	7.9 UJ	NS	NS	6.4 UJ	NS	NS	15 UJ
Dieldrin	6.3 U	NS	NS	22 JQ	NS	NS	12 U	NS	NS	8.1
Diethyl phthalate (b)	630 U	NS	NS	300 U	NS	NS	240 U	NS	NS	500 U
Dimethyl phthalate	630 U	NS	NS	300 U	NS	NS	240 U	NS	NS	500 U
Di-n-butyl phthalate (b)	630 U	NS	NS	300 U	NS	NS	240 U	NS	NS	500 U
Di-n-octyl phthalate	630 UJ	NS	NS	300 U	NS	NS	240 U	NS	NS	500 U
Endosulfan I	3.3 U	NS	NS	58 U	NS	NS	12 U	NS	NS	4.3 JQ
Endosulfan II	6.3 U	NS	NS	58 U	NS	NS	12 U	NS	NS	4.9 U
Endosulfan sulfate	6.3 U	NS	NS	58 U	NS	NS	12 U	NS	NS	4.9 U
Endrin	6.3 U	NS	NS	58 U	NS	NS	12 U	NS	NS	8.1
Endrin aldehyde	6.3 U	NS	NS	32 JQ	NS	NS	12 U	NS	NS	11
Endrin ketone	6.3 U	NS	NS	58 U	NS	NS	12 U	NS	NS	2.7 JQ
Ethylbenzene	19 U	NS	NS	7.9 U	NS	NS	6.4 U	NS	NS	15 U
Fluoranthene	260 J	NS	NS	150 JQ	NS	NS	120 JQ	NS	NS	76 JQ
Fluorene	630 U	NS	NS	300 U	NS	NS	240 U	NS	NS	500 U
Freon-113 (1,1,2-trichloro-1,2,2-trifluoroethane)	NS	NS	NS	7.9 U	NS	NS	6.4 U	NS	NS	15 U

TABLE A-1  
Data Summary Table for Soil

Sample Location: Sample Date: Unit: Start Depth (inches): End Depth (inches):	OES6-5	OFP-002	OFP-002	OFP-002	OFP-025	OFP-025	OFP-025	OFP-031	OFP-031	OFP-031
	2/16/1994	7/24/2013	7/24/2013	7/24/2013	7/26/2013	7/26/2013	7/26/2013	7/25/2013	7/25/2013	7/25/2013
	ug/kg	mg/kg	pg/g	ug/kg	mg/kg	pg/g	ug/kg	mg/kg	pg/g	ug/kg
	0	0	0	0	0	0	0	0	0	0
6	6	6	6	6	6	6	6	6	6	6
gamma-BHC (Lindane)	3.3 U	NS	NS	58 U	NS	NS	12 U	NS	NS	0.92 JQ
gamma-Chlordane	NS	NS	NS	46 JQ	NS	NS	4.3 JQ	NS	NS	37
Heptachlor	3.3 U	NS	NS	58 U	NS	NS	12 U	NS	NS	4.9 U
Heptachlor Epoxide	3.3 U	NS	NS	58 U	NS	NS	12 U	NS	NS	93
Hexachlorobenzene	630 U	NS	NS	300 U	NS	NS	240 U	NS	NS	500 U
Hexachlorobutadiene	630 U	NS	NS	300 U	NS	NS	240 U	NS	NS	500 U
Hexachlorocyclopentadiene	630 U	NS	NS	300 U	NS	NS	240 U	NS	NS	500 U
Hexachloroethane	630 U	NS	NS	300 U	NS	NS	240 U	NS	NS	500 U
Indeno(1,2,3-cd)pyrene	100 J	NS	NS	280 JQ	NS	NS	220 JQ	NS	NS	500 U
Iron	NS	16400	NS	NS	10300	NS	NS	38300	NS	NS
Isophorone	630 U	NS	NS	300 U	NS	NS	240 U	NS	NS	500 U
Isopropylbenzene (Cumene)	NS	NS	NS	7.9 U	NS	NS	6.4 UJ	NS	NS	15 UJ
Lead	NS	723	NS	NS	99.8	NS	NS	145	NS	NS
Magnesium	NS	2110	NS	NS	1300	NS	NS	2910	NS	NS
Manganese	NS	104	NS	NS	342	NS	NS	1460	NS	NS
Mercury	NS	3.8	NS	NS	1.9	NS	NS	1.3	NS	NS
Methoxychlor	33 U	NS	NS	140	NS	NS	8 JQ	NS	NS	49
Methyl isobutyl ketone (4-Methyl-2-pentanone)	19 U	NS	NS	7.9 U	NS	NS	6.4 UJ	NS	NS	15 UJ
Methyl tertiary butyl ether (MTBE)	NS	NS	NS	7.9 U	NS	NS	6.4 U	NS	NS	15 U
Methylene chloride (Dichloromethane) (a)	19 U	NS	NS	0.65 JQ (b)	NS	NS	0.88 JQ (b)	NS	NS	15 U
Naphthalene	630 U	NS	NS	300 U	NS	NS	240 U	NS	NS	500 U
Nickel	NS	44	NS	NS	9.6	NS	NS	18.6	NS	NS
Nitrobenzene	630 U	NS	NS	300 U	NS	NS	240 U	NS	NS	500 U
N-Nitrosodi-n-propylamine	630 U	NS	NS	300 U	NS	NS	240 U	NS	NS	500 U
N-Nitrosodiphenylamine	630 U	NS	NS	300 U	NS	NS	240 U	NS	NS	500 U
OCDD	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
OCDF	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Pentachlorophenol	1500 U	NS	NS	580 U	NS	NS	460 U	NS	NS	960 U
Phenanthrene	100 J	NS	NS	72 JQ	NS	NS	45 JQ	NS	NS	38 JQ
Phenol	630 U	NS	NS	300 U	NS	NS	240 U	NS	NS	500 U
Potassium	NS	592 JQ	NS	NS	410	NS	NS	625 JQ	NS	NS
Pyrene	170 J	NS	NS	180 JQ	NS	NS	130 JQ	NS	NS	100 JQ
Selenium	NS	4.6 U	NS	NS	2.6 U	NS	NS	6.5 U	NS	NS
Silver	NS	1.6	NS	NS	0.33 JQ	NS	NS	2 U	NS	NS
Sodium	NS	74.1 JQ	NS	NS	63.8 JQ	NS	NS	740 JQ	NS	NS
Styrene	19 U	NS	NS	7.9 U	NS	NS	6.4 U	NS	NS	15 U
Tetrachloroethene (PCE)	19 U	NS	NS	7.9 U	NS	NS	6.4 U	NS	NS	15 U
Thallium	NS	3.3 U	NS	NS	1.9 U	NS	NS	4.6 U	NS	NS
Toluene (a)	19 U	NS	NS	0.2 JQ (b)	NS	NS	6.4 U	NS	NS	15 U
Toxaphene	330 U	NS	NS	580 U	NS	NS	120 U	NS	NS	49 U
trans-1,2-Dichloroethene	NS	NS	NS	7.9 U	NS	NS	6.4 U	NS	NS	15 U
trans-1,3-Dichloropropene	19 U	NS	NS	7.9 U	NS	NS	6.4 U	NS	NS	15 U
Trichloroethene (TCE)	19 U	NS	NS	7.9 U	NS	NS	6.4 U	NS	NS	15 U
Trichlorofluoromethane	NS	NS	NS	7.9 U	NS	NS	6.4 U	NS	NS	15 U

TABLE A-1  
Data Summary Table for Soil

Sample Location: Sample Date: Unit: Start Depth (inches): End Depth (inches):	OES6-5 2/16/1994 ug/kg 0 6	OFP-002 7/24/2013 mg/kg 0 6	OFP-002 7/24/2013 pg/g 0 6	OFP-002 7/24/2013 ug/kg 0 6	OFP-025 7/26/2013 mg/kg 0 6	OFP-025 7/26/2013 pg/g 0 6	OFP-025 7/26/2013 ug/kg 0 6	OFP-031 7/25/2013 mg/kg 0 6	OFP-031 7/25/2013 pg/g 0 6	OFP-031 7/25/2013 ug/kg 0 6
Vanadium	NS	22.3	NS	NS	11	NS	NS	18.3	NS	NS
Vinyl Chloride	19 U	NS	NS	7.9 U	NS	NS	6.4 U	NS	NS	15 U
Xylenes, Total	19 U	NS	NS	7.9 U	NS	NS	6.4 U	NS	NS	15 U
Zinc	NS	592	NS	NS	98.6	NS	NS	168	NS	NS

Notes:  
(a) Potential laboratory contaminant.  
(b) For potential lab contaminants: The detected value is J / B flagged and the result is less than the reporting limit; the sample is considered a non-detect.

**TABLE A-1**  
**Data Summary Table for Soil**

Sample Location: Sample Date: Unit: Start Depth (inches): End Depth (inches):	OFP-036 7/25/2013 mg/kg 0 7.5	OFP-036 7/25/2013 pg/g 0 7.5	OFP-036 7/25/2013 ug/kg 0 7.5	OFP-046 7/25/2013 mg/kg 0 6	OFP-046 7/25/2013 pg/g 0 6	OFP-046 7/25/2013 ug/kg 0 6	OFP-050 7/25/2013 mg/kg 0 6	OFP-050 7/25/2013 pg/g 0 6	OFP-050 7/25/2013 ug/kg 0 6	OFP-068 7/25/2013 mg/kg 0 6
1,1,1-Trichloroethane	NS	NS	9.9 U	NS	NS	18 U	NS	NS	8.7 U	NS
1,1,2,2-Tetrachloroethane	NS	NS	9.9 UJ	NS	NS	18 U	NS	NS	8.7 UJ	NS
1,1,2-Trichloroethane	NS	NS	9.9 U	NS	NS	18 U	NS	NS	8.7 U	NS
1,1-Dichloroethane	NS	NS	9.9 U	NS	NS	18 U	NS	NS	8.7 U	NS
1,1-Dichloroethene	NS	NS	9.9 U	NS	NS	18 U	NS	NS	8.7 U	NS
1,2,3,4,6,7,8,9-OCDD	NS	4600	NS	NS	88000 J	NS	NS	60000	NS	NS
1,2,3,4,6,7,8,9-OCDF	NS	170 J	NS	NS	3200	NS	NS	2400	NS	NS
1,2,3,4,6,7,8-HpCDD	NS	740	NS	NS	11000	NS	NS	8400	NS	NS
1,2,3,4,6,7,8-HpCDF	NS	310	NS	NS	2000	NS	NS	2100	NS	NS
1,2,3,4,7,8,9-HpCDF	NS	6.2 JQ	NS	NS	110	NS	NS	80	NS	NS
1,2,3,4,7,8-HxCDD	NS	6.7 JQ	NS	NS	54 JQ	NS	NS	45 JQ	NS	NS
1,2,3,4,7,8-HxCDF	NS	13 U	NS	NS	120 J	NS	NS	97 J	NS	NS
1,2,3,6,7,8-HxCDD	NS	40	NS	NS	340	NS	NS	290	NS	NS
1,2,3,6,7,8-HxCDF	NS	14 J	NS	NS	100 J	NS	NS	110 J	NS	NS
1,2,3,7,8,9-HxCDD	NS	25 J	NS	NS	210 J	NS	NS	150	NS	NS
1,2,3,7,8,9-HxCDF	NS	0.71 JQ	NS	NS	70 U	NS	NS	79 U	NS	NS
1,2,3,7,8-PeCDD	NS	3 JQ	NS	NS	70 U	NS	NS	79 U	NS	NS
1,2,3,7,8-PeCDF	NS	13 U	NS	NS	70 U	NS	NS	79 U	NS	NS
1,2,3-Trichlorobenzene	NS	NS	9.9 UJ	NS	NS	18 U	NS	NS	8.7 UJ	NS
1,2,4,5-Tetrachlorobenzene	NS	NS	240 U	NS	NS	1100 U	NS	NS	320 U	NS
1,2,4-Trichlorobenzene	NS	NS	9.9 UJ	NS	NS	18 U	NS	NS	8.7 UJ	NS
1,2-Dibromo-3-Chloropropane	NS	NS	9.9 UJ	NS	NS	18 U	NS	NS	8.7 UJ	NS
1,2-Dibromoethane (Ethylene dibromide)	NS	NS	9.9 U	NS	NS	18 U	NS	NS	8.7 U	NS
1,2-Dichlorobenzene	NS	NS	9.9 UJ	NS	NS	18 U	NS	NS	8.7 UJ	NS
1,2-Dichloroethane	NS	NS	9.9 U	NS	NS	18 U	NS	NS	8.7 U	NS
1,2-Dichloroethene (Total)	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
1,2-Dichloropropane	NS	NS	9.9 U	NS	NS	18 U	NS	NS	8.7 U	NS
1,3-Dichlorobenzene	NS	NS	9.9 UJ	NS	NS	18 U	NS	NS	8.7 UJ	NS
1,4-Dichlorobenzene	NS	NS	9.9 UJ	NS	NS	18 U	NS	NS	8.7 UJ	NS
2,3,4,6,7,8-HxCDF	NS	4.6 JQ	NS	NS	31 JQ	NS	NS	30 JQ	NS	NS
2,3,4,7,8-PeCDF	NS	2.4 JQ	NS	NS	70 U	NS	NS	79 U	NS	NS
2,3,7,8-TCDD	NS	2.6 U	NS	NS	50 J	NS	NS	25	NS	NS
2,3,7,8-TCDF	NS	5.3	NS	NS	160	NS	NS	94	NS	NS
2,4,5-Trichlorophenol	NS	NS	240 U	NS	NS	1100 U	NS	NS	320 U	NS
2,4,6-Trichlorophenol	NS	NS	240 U	NS	NS	1100 U	NS	NS	320 U	NS
2,4-Dichlorophenol	NS	NS	240 U	NS	NS	1100 U	NS	NS	320 U	NS
2,4-Dimethylphenol	NS	NS	240 U	NS	NS	1100 U	NS	NS	320 U	NS
2,4-Dinitrophenol	NS	NS	470 U	NS	NS	2100 U	NS	NS	610 U	NS
2,4-Dinitrotoluene	NS	NS	240 U	NS	NS	1100 U	NS	NS	320 U	NS
2,6-Dinitrotoluene	NS	NS	240 U	NS	NS	1100 U	NS	NS	320 U	NS
2-Butanone (Methyl ethyl ketone) (a)	NS	NS	9.9 U	NS	NS	18 U	NS	NS	8.7 U	NS
2-Chloronaphthalene	NS	NS	240 U	NS	NS	1100 U	NS	NS	320 U	NS
2-Chlorophenol	NS	NS	240 U	NS	NS	1100 U	NS	NS	320 U	NS
2-Hexanone	NS	NS	9.9 U	NS	NS	18 U	NS	NS	8.7 U	NS

TABLE A-1  
Data Summary Table for Soil

Sample Location: Sample Date: Unit: Start Depth (inches): End Depth (inches):	OFP-036 7/25/2013 mg/kg 0 7.5	OFP-036 7/25/2013 pg/g 0 7.5	OFP-036 7/25/2013 ug/kg 0 7.5	OFP-046 7/25/2013 mg/kg 0 6	OFP-046 7/25/2013 pg/g 0 6	OFP-046 7/25/2013 ug/kg 0 6	OFP-050 7/25/2013 mg/kg 0 6	OFP-050 7/25/2013 pg/g 0 6	OFP-050 7/25/2013 ug/kg 0 6	OFP-068 7/25/2013 mg/kg 0 6
2-Methylnaphthalene	NS	NS	9.6 JQ	NS	NS	36 JQ	NS	NS	14 JQ	NS
2-Methylphenol (o-Cresol)	NS	NS	240 U	NS	NS	1100 U	NS	NS	320 U	NS
2-Nitroaniline	NS	NS	470 U	NS	NS	2100 U	NS	NS	610 U	NS
2-Nitrophenol	NS	NS	240 U	NS	NS	1100 U	NS	NS	320 U	NS
3,3'-Dichlorobenzidine	NS	NS	240 U	NS	NS	1100 U	NS	NS	320 U	NS
3+4-Methylphenol (m,p-Cresol)	NS	NS	470 U	NS	NS	2100 U	NS	NS	610 U	NS
3-Nitroaniline	NS	NS	470 U	NS	NS	2100 U	NS	NS	610 U	NS
4,4'-DDD	NS	NS	120 U	NS	NS	11 JQ	NS	NS	76 JQ	NS
4,4'-DDE	NS	NS	120 U	NS	NS	34 JQ	NS	NS	150 U	NS
4,4'-DDT	NS	NS	95 JQ	NS	NS	120	NS	NS	210	NS
4,6-Dinitro-2-Methylphenol	NS	NS	470 U	NS	NS	2100 U	NS	NS	610 U	NS
4-Bromophenyl phenyl ether	NS	NS	240 U	NS	NS	1100 U	NS	NS	320 U	NS
4-Chloro-3-Methylphenol	NS	NS	240 U	NS	NS	1100 U	NS	NS	320 U	NS
4-Chloroaniline	NS	NS	240 U	NS	NS	1100 U	NS	NS	320 U	NS
4-Chlorophenyl phenyl ether	NS	NS	240 U	NS	NS	1100 U	NS	NS	320 U	NS
4-Methylphenol (p-Cresol)	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
4-Nitroaniline	NS	NS	470 U	NS	NS	2100 U	NS	NS	610 U	NS
4-Nitrophenol	NS	NS	470 U	NS	NS	2100 U	NS	NS	610 U	NS
Acenaphthene	NS	NS	240 U	NS	NS	1100 U	NS	NS	320 U	NS
Acenaphthylene	NS	NS	20 JQ	NS	NS	1100 U	NS	NS	34 JQ	NS
Acetone (a)	NS	NS	9.9 U	NS	NS	8.5 JQ (b)	NS	NS	8.7 U	NS
Acetophenone	NS	NS	240 U	NS	NS	1100 U	NS	NS	320 U	NS
Aldrin	NS	NS	120 U	NS	NS	11 JQ	NS	NS	150 U	NS
alpha-BHC	NS	NS	120 U	NS	NS	46 U	NS	NS	150 U	NS
alpha-Chlordane	NS	NS	120 U	NS	NS	46 U	NS	NS	150 U	NS
Aluminum	7930	NS	NS	7390	NS	NS	12800	NS	NS	28800
Anthracene	NS	NS	17 JQ	NS	NS	1100 U	NS	NS	27 JQ	NS
Antimony	5.1 U	NS	NS	10.9 U	NS	NS	8.7 U	NS	NS	9 U
Arsenic	6.6	NS	NS	57.4	NS	NS	14.7	NS	NS	7.9
Atrazine	NS	NS	240 U	NS	NS	1100 U	NS	NS	320 U	NS
Barium	109	NS	NS	412	NS	NS	430	NS	NS	747
Benzaldehyde	NS	NS	49 JQ	NS	NS	130 JQ	NS	NS	39 JQ	NS
Benzene	NS	NS	9.9 U	NS	NS	18 U	NS	NS	8.7 U	NS
Benzo(a)anthracene	NS	NS	120 JQ	NS	NS	1100 U	NS	NS	120 JQ	NS
Benzo(a)pyrene	NS	NS	110 JQ	NS	NS	1100 U	NS	NS	160 JQ	NS
Benzo(b)fluoranthene	NS	NS	160 JQ	NS	NS	1100 U	NS	NS	210 JQ	NS
Benzo(g,h,i)perylene	NS	NS	110 JQ	NS	NS	1100 U	NS	NS	170 JQ	NS
Benzo(k)fluoranthene	NS	NS	60 JQ	NS	NS	1100 U	NS	NS	80 JQ	NS
Beryllium	0.3 JQ	NS	NS	0.26 JQ	NS	NS	0.66 JQ	NS	NS	0.73 JQ
beta-BHC	NS	NS	120 U	NS	NS	46 U	NS	NS	150 U	NS
beta-Chlordane	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
bis(2-Chloroethoxy)methane	NS	NS	240 U	NS	NS	1100 U	NS	NS	320 U	NS
bis(2-Chloroethyl)ether	NS	NS	240 U	NS	NS	1100 U	NS	NS	320 U	NS
bis(2-Chloroisopropyl)ether	NS	NS	240 U	NS	NS	1100 U	NS	NS	320 U	NS

TABLE A-1  
Data Summary Table for Soil

Sample Location: Sample Date: Unit: Start Depth (inches): End Depth (inches):	OFP-036 7/25/2013 mg/kg	OFP-036 7/25/2013 pg/g	OFP-036 7/25/2013 ug/kg	OFP-046 7/25/2013 mg/kg	OFP-046 7/25/2013 pg/g	OFP-046 7/25/2013 ug/kg	OFP-050 7/25/2013 mg/kg	OFP-050 7/25/2013 pg/g	OFP-050 7/25/2013 ug/kg	OFP-068 7/25/2013 mg/kg
	0	0	0	0	0	0	0	0	0	0
	7.5	7.5	7.5	6	6	6	6	6	6	6
bis(2-Ethylhexyl)phthalate (b)	NS	NS	240 U	NS	NS	1100 U	NS	NS	1100	NS
Bromodichloromethane (Dichlorobromomethane)	NS	NS	9.9 U	NS	NS	18 U	NS	NS	8.7 U	NS
Bromoform (Tribromomethane)	NS	NS	9.9 U	NS	NS	18 U	NS	NS	8.7 U	NS
Bromomethane (Methyl bromide)	NS	NS	9.9 U	NS	NS	18 U	NS	NS	8.7 U	NS
Butyl benzyl phthalate (b)	NS	NS	240 U	NS	NS	1100 U	NS	NS	320 U	NS
Cadmium	2.8	NS	NS	2.3	NS	NS	6.8	NS	NS	11.4
Calcium	2880	NS	NS	9290	NS	NS	7230	NS	NS	17300
Caprolactam	NS	NS	240 U	NS	NS	1100 U	NS	NS	320 U	NS
Carbazole	NS	NS	240 U	NS	NS	1100 U	NS	NS	320 U	NS
Carbon disulfide (a)	NS	NS	9.9 U	NS	NS	18 U	NS	NS	8.7 U	NS
Carbon tetrachloride	NS	NS	9.9 U	NS	NS	18 U	NS	NS	8.7 U	NS
Chlordane (technical)	NS	NS	1200 U	NS	NS	480	NS	NS	1500 U	NS
Chlorobenzene	NS	NS	9.9 U	NS	NS	18 U	NS	NS	8.7 U	NS
Chlorobromomethane (Bromochloromethane)	NS	NS	9.9 U	NS	NS	18 U	NS	NS	8.7 U	NS
Chlorodibromomethane (Dibromochloromethane)	NS	NS	9.9 U	NS	NS	18 U	NS	NS	8.7 U	NS
Chloroethane	NS	NS	9.9 UJ	NS	NS	18 UJ	NS	NS	8.7 UJ	NS
Chloroform	NS	NS	9.9 U	NS	NS	18 U	NS	NS	8.7 U	NS
Chloromethane (Methyl chloride)	NS	NS	9.9 U	NS	NS	18 U	NS	NS	8.7 U	NS
Chromium	62.8	NS	NS	184	NS	NS	224	NS	NS	306
Chrysene	NS	NS	140 JQ	NS	NS	1100 U	NS	NS	150 JQ	NS
cis-1,2-Dichloroethene	NS	NS	9.9 U	NS	NS	18 U	NS	NS	8.7 U	NS
cis-1,3-Dichloropropene	NS	NS	9.9 U	NS	NS	18 U	NS	NS	8.7 U	NS
Cobalt	5	NS	NS	6.8 JQ	NS	NS	9.5	NS	NS	10.6
Copper	68.1	NS	NS	181	NS	NS	243	NS	NS	290
Cyanide	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
delta-BHC	NS	NS	120 U	NS	NS	16 JQ	NS	NS	150 U	NS
Dibenzo(a,h)anthracene	NS	NS	240 U	NS	NS	1100 U	NS	NS	320 U	NS
Dibenzofuran	NS	NS	240 U	NS	NS	1100 U	NS	NS	320 U	NS
Dichlorodifluoromethane	NS	NS	9.9 UJ	NS	NS	18 UJ	NS	NS	8.7 UJ	NS
Dieldrin	NS	NS	120 U	NS	NS	18 JQ	NS	NS	150 U	NS
Diethyl phthalate (b)	NS	NS	240 U	NS	NS	1100 U	NS	NS	320 U	NS
Dimethyl phthalate	NS	NS	240 U	NS	NS	1100 U	NS	NS	320 U	NS
Di-n-butyl phthalate (b)	NS	NS	240 U	NS	NS	1100 U	NS	NS	320 U	NS
Di-n-octyl phthalate	NS	NS	240 U	NS	NS	1100 U	NS	NS	320 U	NS
Endosulfan I	NS	NS	120 U	NS	NS	46 U	NS	NS	150 U	NS
Endosulfan II	NS	NS	120 U	NS	NS	46 U	NS	NS	150 U	NS
Endosulfan sulfate	NS	NS	120 U	NS	NS	46 U	NS	NS	150 U	NS
Endrin	NS	NS	120 U	NS	NS	46 U	NS	NS	150 U	NS
Endrin aldehyde	NS	NS	120 U	NS	NS	23 JQ	NS	NS	150 U	NS
Endrin ketone	NS	NS	120 U	NS	NS	46 U	NS	NS	150 U	NS
Ethylbenzene	NS	NS	9.9 U	NS	NS	18 U	NS	NS	8.7 U	NS
Fluoranthene	NS	NS	130 JQ	NS	NS	200 JQ	NS	NS	140 JQ	NS
Fluorene	NS	NS	240 U	NS	NS	1100 U	NS	NS	320 U	NS
Freon-113 (1,1,2-trichloro-1,2,2-trifluoroethane)	NS	NS	9.9 U	NS	NS	18 U	NS	NS	8.7 U	NS



TABLE A-1  
Data Summary Table for Soil

Sample Location: Sample Date: Unit: Start Depth (inches): End Depth (inches):	OFP-036 7/25/2013 mg/kg	OFP-036 7/25/2013 pg/g	OFP-036 7/25/2013 ug/kg	OFP-046 7/25/2013 mg/kg	OFP-046 7/25/2013 pg/g	OFP-046 7/25/2013 ug/kg	OFP-050 7/25/2013 mg/kg	OFP-050 7/25/2013 pg/g	OFP-050 7/25/2013 ug/kg	OFP-068 7/25/2013 mg/kg
	0	0	0	0	0	0	0	0	0	0
	7.5	7.5	7.5	6	6	6	6	6	6	6
gamma-BHC (Lindane)	NS	NS	120 U	NS	NS	46 U	NS	NS	150 U	NS
gamma-Chlordane	NS	NS	120 U	NS	NS	52	NS	NS	49 JQ	NS
Heptachlor	NS	NS	120 U	NS	NS	46 U	NS	NS	150 U	NS
Heptachlor Epoxide	NS	NS	120 U	NS	NS	46 U	NS	NS	150 U	NS
Hexachlorobenzene	NS	NS	240 U	NS	NS	1100 U	NS	NS	320 U	NS
Hexachlorobutadiene	NS	NS	240 U	NS	NS	1100 U	NS	NS	320 U	NS
Hexachlorocyclopentadiene	NS	NS	240 U	NS	NS	1100 U	NS	NS	320 U	NS
Hexachloroethane	NS	NS	240 U	NS	NS	1100 U	NS	NS	320 U	NS
Indeno(1,2,3-cd)pyrene	NS	NS	250	NS	NS	1100 U	NS	NS	320	NS
Iron	10000	NS	NS	27500	NS	NS	17100	NS	NS	14700
Isophorone	NS	NS	240 U	NS	NS	1100 U	NS	NS	320 U	NS
Isopropylbenzene (Cumene)	NS	NS	9.9 UJ	NS	NS	18 U	NS	NS	8.7 UJ	NS
Lead	277	NS	NS	592	NS	NS	737	NS	NS	915
Magnesium	1170	NS	NS	1560	NS	NS	1670	NS	NS	3370
Manganese	137	NS	NS	378	NS	NS	495	NS	NS	330
Mercury	1.1	NS	NS	1.1	NS	NS	4.6	NS	NS	3.6
Methoxychlor	NS	NS	87 JQ	NS	NS	46 U	NS	NS	170	NS
Methyl isobutyl ketone (4-Methyl-2-pentanone)	NS	NS	9.9 UJ	NS	NS	18 U	NS	NS	8.7 UJ	NS
Methyl tertiary butyl ether (MTBE)	NS	NS	9.9 U	NS	NS	18 U	NS	NS	8.7 U	NS
Methylene chloride (Dichloromethane) (a)	NS	NS	2 JQ (b)	NS	NS	18 U	NS	NS	0.98 JQ (b)	NS
Naphthalene	NS	NS	240 U	NS	NS	1100 U	NS	NS	320 U	NS
Nickel	17.2	NS	NS	19.8	NS	NS	42.6	NS	NS	59.5
Nitrobenzene	NS	NS	240 U	NS	NS	1100 U	NS	NS	320 U	NS
N-Nitrosodi-n-propylamine	NS	NS	240 U	NS	NS	1100 U	NS	NS	320 U	NS
N-Nitrosodiphenylamine	NS	NS	240 U	NS	NS	1100 U	NS	NS	320 U	NS
OCDD	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
OCDF	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Pentachlorophenol	NS	NS	470 U	NS	NS	2100 U	NS	NS	610 U	NS
Phenanthrene	NS	NS	58 JQ	NS	NS	120 JQ	NS	NS	73 JQ	NS
Phenol	NS	NS	240 U	NS	NS	1100 U	NS	NS	320 U	NS
Potassium	387 JQ	NS	NS	460 JQ	NS	NS	588 JQ	NS	NS	1750
Pyrene	NS	NS	200 JQ	NS	NS	340 JQ	NS	NS	230 JQ	NS
Selenium	3 U	NS	NS	6.4 U	NS	NS	1.8 JQ	NS	NS	5.2 U
Silver	0.62 JQ	NS	NS	1 JQ	NS	NS	2.7	NS	NS	3
Sodium	44.3 B	NS	NS	177 JQ	NS	NS	68.8 JQ	NS	NS	201 JQ
Styrene	NS	NS	9.9 U	NS	NS	18 U	NS	NS	8.7 U	NS
Tetrachloroethene (PCE)	NS	NS	9.9 U	NS	NS	18 U	NS	NS	8.7 U	NS
Thallium	2.1 U	NS	NS	4.5 U	NS	NS	3.6 U	NS	NS	3.7 U
Toluene (a)	NS	NS	9.9 U	NS	NS	18 U	NS	NS	0.39 JQ (b)	NS
Toxaphene	NS	NS	1200 U	NS	NS	460 U	NS	NS	1500 U	NS
trans-1,2-Dichloroethene	NS	NS	9.9 U	NS	NS	18 U	NS	NS	8.7 U	NS
trans-1,3-Dichloropropene	NS	NS	9.9 U	NS	NS	18 U	NS	NS	8.7 U	NS
Trichloroethene (TCE)	NS	NS	9.9 U	NS	NS	18 U	NS	NS	8.7 U	NS
Trichlorofluoromethane	NS	NS	9.9 U	NS	NS	18 U	NS	NS	8.7 U	NS

TABLE A-1  
Data Summary Table for Soil

Sample Location: Sample Date: Unit: Start Depth (inches): End Depth (inches):	OFP-036 7/25/2013 mg/kg	OFP-036 7/25/2013 pg/g	OFP-036 7/25/2013 ug/kg	OFP-046 7/25/2013 mg/kg	OFP-046 7/25/2013 pg/g	OFP-046 7/25/2013 ug/kg	OFP-050 7/25/2013 mg/kg	OFP-050 7/25/2013 pg/g	OFP-050 7/25/2013 ug/kg	OFP-068 7/25/2013 mg/kg
	0	0	0	0	0	0	0	0	0	0
	7.5	7.5	7.5	6	6	6	6	6	6	6
Vanadium	12.9	NS	NS	18.3	NS	NS	21.1	NS	NS	17.1
Vinyl Chloride	NS	NS	9.9 U	NS	NS	18 U	NS	NS	8.7 U	NS
Xylenes, Total	NS	NS	9.9 U	NS	NS	18 U	NS	NS	8.7 U	NS
Zinc	219	NS	NS	183	NS	NS	497	NS	NS	1010

Notes:  
(a) Potential laboratory contaminant.  
(b) For potential lab contaminants: The detected value is  
J / B flagged and the result is less than the reporting  
limit; the sample is considered a non-detect.

**TABLE A-1**  
**Data Summary Table for Soil**

Sample Location: Sample Date: Unit: Start Depth (inches): End Depth (inches):	OFP-068 7/25/2013 pg/g	OFP-068 7/25/2013 ug/kg	OFP-076 7/25/2013 mg/kg	OFP-076 7/25/2013 pg/g	OFP-076 7/25/2013 ug/kg	OTBN-17 7/25/2013 mg/kg	OTBN-17 7/25/2013 pg/g	OTBN-17 7/25/2013 ug/kg	OTBN-18 7/25/2013 mg/kg	OTBN-18 7/25/2013 pg/g
	0	0	0	0	0	0	0	0	0	0
	6	6	6	6	6	6	6	6	6	6
1,1,1-Trichloroethane	NS	8.7 U	NS	NS	6.2 U	NS	NS	7.1 U	NS	NS
1,1,2,2-Tetrachloroethane	NS	8.7 UJ	NS	NS	6.2 UJ	NS	NS	7.1 UJ	NS	NS
1,1,2-Trichloroethane	NS	8.7 U	NS	NS	6.2 U	NS	NS	7.1 U	NS	NS
1,1-Dichloroethane	NS	8.7 U	NS	NS	6.2 U	NS	NS	7.1 U	NS	NS
1,1-Dichloroethene	NS	8.7 U	NS	NS	6.2 U	NS	NS	7.1 U	NS	NS
1,2,3,4,6,7,8,9-OCDD	38000 J	NS	NS	230	NS	NS	5600	NS	NS	18000 J
1,2,3,4,6,7,8,9-OCDF	1300	NS	NS	8.7 JQ	NS	NS	180 J	NS	NS	460 J
1,2,3,4,6,7,8-HpCDD	4700	NS	NS	24	NS	NS	590	NS	NS	1800
1,2,3,4,6,7,8-HpCDF	790	NS	NS	5.2 JQ	NS	NS	99	NS	NS	250
1,2,3,4,7,8,9-HpCDF	38	NS	NS	7 U	NS	NS	6.3 JQ	NS	NS	16 JQ
1,2,3,4,7,8-HxCDD	20 JQ	NS	NS	7 U	NS	NS	4.2 JQ	NS	NS	9 JQ
1,2,3,4,7,8-HxCDF	44 J	NS	NS	7 U	NS	NS	16 U	NS	NS	25 J
1,2,3,6,7,8-HxCDD	120	NS	NS	7 U	NS	NS	20	NS	NS	59
1,2,3,6,7,8-HxCDF	44 J	NS	NS	7 U	NS	NS	16 U	NS	NS	24 J
1,2,3,7,8,9-HxCDD	72 J	NS	NS	0.54 B	NS	NS	16 U	NS	NS	27
1,2,3,7,8,9-HxCDF	21 U	NS	NS	7 U	NS	NS	16 U	NS	NS	18 U
1,2,3,7,8-PeCDD	21 U	NS	NS	7 U	NS	NS	16 U	NS	NS	18 U
1,2,3,7,8-PeCDF	3.3 JQ	NS	NS	7 U	NS	NS	16 U	NS	NS	18 U
1,2,3-Trichlorobenzene	NS	8.7 UJ	NS	NS	6.2 UJ	NS	NS	7.1 UJ	NS	NS
1,2,4,5-Tetrachlorobenzene	NS	340 U	NS	NS	220 U	NS	NS	260 U	NS	NS
1,2,4-Trichlorobenzene	NS	8.7 UJ	NS	NS	6.2 UJ	NS	NS	7.1 UJ	NS	NS
1,2-Dibromo-3-Chloropropane	NS	8.7 UJ	NS	NS	6.2 UJ	NS	NS	7.1 UJ	NS	NS
1,2-Dibromoethane (Ethylene dibromide)	NS	8.7 U	NS	NS	6.2 U	NS	NS	7.1 U	NS	NS
1,2-Dichlorobenzene	NS	8.7 UJ	NS	NS	6.2 U	NS	NS	7.1 UJ	NS	NS
1,2-Dichloroethane	NS	8.7 U	NS	NS	6.2 U	NS	NS	7.1 U	NS	NS
1,2-Dichloroethene (Total)	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
1,2-Dichloropropane	NS	8.7 U	NS	NS	6.2 U	NS	NS	7.1 U	NS	NS
1,3-Dichlorobenzene	NS	8.7 UJ	NS	NS	6.2 U	NS	NS	7.1 UJ	NS	NS
1,4-Dichlorobenzene	NS	8.7 UJ	NS	NS	6.2 U	NS	NS	7.1 UJ	NS	NS
2,3,4,6,7,8-HxCDF	12 JQ	NS	NS	7 U	NS	NS	16 U	NS	NS	6.1 JQ
2,3,4,7,8-PeCDF	8.3 JQ	NS	NS	7 U	NS	NS	16 U	NS	NS	9.2 JQ
2,3,7,8-TCDD	16	NS	NS	1.4 U	NS	NS	6.8	NS	NS	33
2,3,7,8-TCDF	48	NS	NS	2.3 J	NS	NS	31	NS	NS	74
2,4,5-Trichlorophenol	NS	340 U	NS	NS	220 U	NS	NS	260 U	NS	NS
2,4,6-Trichlorophenol	NS	340 U	NS	NS	220 U	NS	NS	260 U	NS	NS
2,4-Dichlorophenol	NS	340 U	NS	NS	220 U	NS	NS	260 U	NS	NS
2,4-Dimethylphenol	NS	340 U	NS	NS	220 U	NS	NS	260 U	NS	NS
2,4-Dinitrophenol	NS	660 U	NS	NS	430 UJ	NS	NS	500 U	NS	NS
2,4-Dinitrotoluene	NS	340 U	NS	NS	220 U	NS	NS	260 U	NS	NS
2,6-Dinitrotoluene	NS	340 U	NS	NS	220 U	NS	NS	260 U	NS	NS
2-Butanone (Methyl ethyl ketone) (a)	NS	10	NS	NS	6.2 U	NS	NS	7.1 U	NS	NS
2-Chloronaphthalene	NS	340 U	NS	NS	220 U	NS	NS	260 U	NS	NS
2-Chlorophenol	NS	340 U	NS	NS	220 U	NS	NS	260 U	NS	NS
2-Hexanone	NS	8.7 U	NS	NS	6.2 U	NS	NS	7.1 U	NS	NS

TABLE A-1  
Data Summary Table for Soil

Sample Location: Sample Date: Unit: Start Depth (inches): End Depth (inches):	OFP-068 7/25/2013 pg/g	OFP-068 7/25/2013 ug/kg	OFP-076 7/25/2013 mg/kg	OFP-076 7/25/2013 pg/g	OFP-076 7/25/2013 ug/kg	OTBN-17 7/25/2013 mg/kg	OTBN-17 7/25/2013 pg/g	OTBN-17 7/25/2013 ug/kg	OTBN-18 7/25/2013 mg/kg	OTBN-18 7/25/2013 pg/g
	0	0	0	0	0	0	0	0	0	0
	6	6	6	6	6	6	6	6	6	6
2-Methylnaphthalene	NS	38 JQ	NS	NS	220 U	NS	NS	20 JQ	NS	NS
2-Methylphenol (o-Cresol)	NS	340 U	NS	NS	220 U	NS	NS	260 U	NS	NS
2-Nitroaniline	NS	660 U	NS	NS	430 U	NS	NS	500 U	NS	NS
2-Nitrophenol	NS	340 U	NS	NS	220 U	NS	NS	260 U	NS	NS
3,3'-Dichlorobenzidine	NS	340 U	NS	NS	220 U	NS	NS	260 U	NS	NS
3+4-Methylphenol (m,p-Cresol)	NS	660 U	NS	NS	430 U	NS	NS	500 U	NS	NS
3-Nitroaniline	NS	660 U	NS	NS	430 U	NS	NS	500 U	NS	NS
4,4'-DDD	NS	48 JQ	NS	NS	21 U	NS	NS	6.5 JQ	NS	NS
4,4'-DDE	NS	66 U	NS	NS	21 U	NS	NS	19 JQ	NS	NS
4,4'-DDT	NS	120	NS	NS	20 JQ	NS	NS	59	NS	NS
4,6-Dinitro-2-Methylphenol	NS	660 U	NS	NS	430 U	NS	NS	500 U	NS	NS
4-Bromophenyl phenyl ether	NS	340 U	NS	NS	220 U	NS	NS	260 U	NS	NS
4-Chloro-3-Methylphenol	NS	340 U	NS	NS	220 U	NS	NS	260 U	NS	NS
4-Chloroaniline	NS	340 U	NS	NS	220 U	NS	NS	260 U	NS	NS
4-Chlorophenyl phenyl ether	NS	340 U	NS	NS	220 U	NS	NS	260 U	NS	NS
4-Methylphenol (p-Cresol)	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
4-Nitroaniline	NS	660 U	NS	NS	430 U	NS	NS	500 U	NS	NS
4-Nitrophenol	NS	660 U	NS	NS	430 U	NS	NS	500 U	NS	NS
Acenaphthene	NS	8 JQ	NS	NS	14 JQ	NS	NS	24 JQ	NS	NS
Acenaphthylene	NS	39 JQ	NS	NS	11 JQ	NS	NS	62 JQ	NS	NS
Acetone (a)	NS	120	NS	NS	7.7	NS	NS	16	NS	NS
Acetophenone	NS	28 JQ	NS	NS	220 U	NS	NS	260 U	NS	NS
Aldrin	NS	66 U	NS	NS	21 U	NS	NS	6.2 JQ	NS	NS
alpha-BHC	NS	66 U	NS	NS	21 U	NS	NS	25 U	NS	NS
alpha-Chlordane	NS	66 U	NS	NS	21 U	NS	NS	25 U	NS	NS
Aluminum	NS	NS	1380	NS	NS	6180	NS	NS	7420	NS
Anthracene	NS	43 JQ	NS	NS	52 JQ	NS	NS	110 JQ	NS	NS
Antimony	NS	NS	4.7 U	NS	NS	7.1 U	NS	NS	6.2 U	NS
Arsenic	NS	NS	2.8	NS	NS	14.6	NS	NS	14.9	NS
Atrazine	NS	340 U	NS	NS	220 U	NS	NS	260 U	NS	NS
Barium	NS	NS	25.1	NS	NS	158	NS	NS	194	NS
Benzaldehyde	NS	170 JQ	NS	NS	220 U	NS	NS	35 JQ	NS	NS
Benzene	NS	8.7 U	NS	NS	6.2 U	NS	NS	7.1 U	NS	NS
Benzo(a)anthracene	NS	170 JQ	NS	NS	270	NS	NS	640	NS	NS
Benzo(a)pyrene	NS	210 JQ	NS	NS	290	NS	NS	720	NS	NS
Benzo(b)fluoranthene	NS	310 JQ	NS	NS	440	NS	NS	1100	NS	NS
Benzo(g,h,i)perylene	NS	190 JQ	NS	NS	190 JQ	NS	NS	540	NS	NS
Benzo(k)fluoranthene	NS	100 JQ	NS	NS	160 JQ	NS	NS	410	NS	NS
Beryllium	NS	NS	0.048 JQ	NS	NS	0.28 JQ	NS	NS	0.37 JQ	NS
beta-BHC	NS	66 U	NS	NS	21 U	NS	NS	25 U	NS	NS
beta-Chlordane	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
bis(2-Chloroethoxy)methane	NS	340 U	NS	NS	220 U	NS	NS	260 U	NS	NS
bis(2-Chloroethyl)ether	NS	340 U	NS	NS	220 U	NS	NS	260 U	NS	NS
bis(2-Chloroisopropyl)ether	NS	340 U	NS	NS	220 U	NS	NS	260 U	NS	NS

TABLE A-1  
Data Summary Table for Soil

Sample Location: Sample Date: Unit: Start Depth (inches): End Depth (inches):	OFP-068 7/25/2013 pg/g	OFP-068 7/25/2013 ug/kg	OFP-076 7/25/2013 mg/kg	OFP-076 7/25/2013 pg/g	OFP-076 7/25/2013 ug/kg	OTBN-17 7/25/2013 mg/kg	OTBN-17 7/25/2013 pg/g	OTBN-17 7/25/2013 ug/kg	OTBN-18 7/25/2013 mg/kg	OTBN-18 7/25/2013 pg/g
	0	0	0	0	0	0	0	0	0	0
	6	6	6	6	6	6	6	6	6	6
bis(2-Ethylhexyl)phthalate (b)	NS	1100	NS	NS	220 U	NS	NS	270	NS	NS
Bromodichloromethane (Dichlorobromomethane)	NS	8.7 U	NS	NS	6.2 U	NS	NS	7.1 U	NS	NS
Bromoform (Tribromomethane)	NS	8.7 U	NS	NS	6.2 U	NS	NS	7.1 U	NS	NS
Bromomethane (Methyl bromide)	NS	8.7 U	NS	NS	6.2 UJ	NS	NS	7.1 U	NS	NS
Butyl benzyl phthalate (b)	NS	340 U	NS	NS	220 U	NS	NS	260 U	NS	NS
Cadmium	NS	NS	0.14 JQ	NS	NS	1.6	NS	NS	2.3	NS
Calcium	NS	NS	19800	NS	NS	36300	NS	NS	41700	NS
Caprolactam	NS	2300	NS	NS	220 U	NS	NS	260 U	NS	NS
Carbazole	NS	340 U	NS	NS	47 JQ	NS	NS	62 JQ	NS	NS
Carbon disulfide (a)	NS	8.7 U	NS	NS	0.75 JQ (b)	NS	NS	7.1 U	NS	NS
Carbon tetrachloride	NS	8.7 U	NS	NS	6.2 U	NS	NS	7.1 U	NS	NS
Chlordane (technical)	NS	660 U	NS	NS	210 U	NS	NS	250 U	NS	NS
Chlorobenzene	NS	8.7 U	NS	NS	6.2 U	NS	NS	7.1 U	NS	NS
Chlorobromomethane (Bromochloromethane)	NS	8.7 U	NS	NS	6.2 U	NS	NS	7.1 U	NS	NS
Chlorodibromomethane (Dibromochloromethane)	NS	8.7 U	NS	NS	6.2 U	NS	NS	7.1 U	NS	NS
Chloroethane	NS	8.7 UJ	NS	NS	6.2 UJ	NS	NS	7.1 UJ	NS	NS
Chloroform	NS	8.7 U	NS	NS	6.2 U	NS	NS	7.1 U	NS	NS
Chloromethane (Methyl chloride)	NS	8.7 U	NS	NS	6.2 U	NS	NS	7.1 U	NS	NS
Chromium	NS	NS	5.6	NS	NS	54.4	NS	NS	71.6	NS
Chrysene	NS	220 JQ	NS	NS	360	NS	NS	660	NS	NS
cis-1,2-Dichloroethene	NS	8.7 U	NS	NS	6.2 U	NS	NS	7.1 U	NS	NS
cis-1,3-Dichloropropene	NS	8.7 U	NS	NS	6.2 U	NS	NS	7.1 U	NS	NS
Cobalt	NS	NS	1.3 JQ	NS	NS	4.2 JQ	NS	NS	5.3	NS
Copper	NS	NS	5.1 J	NS	NS	61.7	NS	NS	86.9	NS
Cyanide	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
delta-BHC	NS	41 JQ	NS	NS	6.4 JQ	NS	NS	18 JQ	NS	NS
Dibenzo(a,h)anthracene	NS	340 U	NS	NS	48 JQ	NS	NS	260 U	NS	NS
Dibenzofuran	NS	13 JQ	NS	NS	220 U	NS	NS	16 JQ	NS	NS
Dichlorodifluoromethane	NS	8.7 UJ	NS	NS	6.2 UJ	NS	NS	7.1 UJ	NS	NS
Dieldrin	NS	17 JQ	NS	NS	21 U	NS	NS	42	NS	NS
Diethyl phthalate (b)	NS	340 U	NS	NS	220 U	NS	NS	260 U	NS	NS
Dimethyl phthalate	NS	340 U	NS	NS	220 U	NS	NS	260 U	NS	NS
Di-n-butyl phthalate (b)	NS	220 JQ (b)	NS	NS	220 U	NS	NS	260 U	NS	NS
Di-n-octyl phthalate	NS	340 U	NS	NS	220 U	NS	NS	260 U	NS	NS
Endosulfan I	NS	66 U	NS	NS	21 U	NS	NS	25 U	NS	NS
Endosulfan II	NS	66 U	NS	NS	21 U	NS	NS	25 U	NS	NS
Endosulfan sulfate	NS	66 U	NS	NS	21 U	NS	NS	25 U	NS	NS
Endrin	NS	66 U	NS	NS	21 U	NS	NS	25 U	NS	NS
Endrin aldehyde	NS	26 JQ	NS	NS	21 U	NS	NS	9.8 JQ	NS	NS
Endrin ketone	NS	66 U	NS	NS	21 U	NS	NS	25 U	NS	NS
Ethylbenzene	NS	8.7 U	NS	NS	6.2 U	NS	NS	7.1 U	NS	NS
Fluoranthene	NS	240 JQ	NS	NS	780	NS	NS	1300	NS	NS
Fluorene	NS	340 U	NS	NS	18 JQ	NS	NS	37 JQ	NS	NS
Freon-113 (1,1,2-trichloro-1,2,2-trifluoroethane)	NS	8.7 U	NS	NS	6.2 U	NS	NS	7.1 U	NS	NS

TABLE A-1  
Data Summary Table for Soil

Sample Location: Sample Date: Unit: Start Depth (inches): End Depth (inches):	OFP-068 7/25/2013 pg/g	OFP-068 7/25/2013 ug/kg	OFP-076 7/25/2013 mg/kg	OFP-076 7/25/2013 pg/g	OFP-076 7/25/2013 ug/kg	OTBN-17 7/25/2013 mg/kg	OTBN-17 7/25/2013 pg/g	OTBN-17 7/25/2013 ug/kg	OTBN-18 7/25/2013 mg/kg	OTBN-18 7/25/2013 pg/g
	0	0	0	0	0	0	0	0	0	0
	6	6	6	6	6	6	6	6	6	6
gamma-BHC (Lindane)	NS	66 U	NS	NS	21 U	NS	NS	5.1 JQ	NS	NS
gamma-Chlordane	NS	28 JQ	NS	NS	21 U	NS	NS	22 JQ	NS	NS
Heptachlor	NS	20 JQ	NS	NS	21 U	NS	NS	25 U	NS	NS
Heptachlor Epoxide	NS	66 U	NS	NS	21 U	NS	NS	25 U	NS	NS
Hexachlorobenzene	NS	340 U	NS	NS	220 U	NS	NS	260 U	NS	NS
Hexachlorobutadiene	NS	340 U	NS	NS	220 U	NS	NS	260 U	NS	NS
Hexachlorocyclopentadiene	NS	340 U	NS	NS	220 UJ	NS	NS	260 U	NS	NS
Hexachloroethane	NS	340 U	NS	NS	220 U	NS	NS	260 U	NS	NS
Indeno(1,2,3-cd)pyrene	NS	380	NS	NS	320	NS	NS	620	NS	NS
Iron	NS	NS	4720	NS	NS	18700	NS	NS	19600	NS
Isophorone	NS	1500	NS	NS	220 U	NS	NS	260 U	NS	NS
Isopropylbenzene (Cumene)	NS	8.7 UJ	NS	NS	6.2 U	NS	NS	7.1 UJ	NS	NS
Lead	NS	NS	15.2 J	NS	NS	128	NS	NS	182	NS
Magnesium	NS	NS	2860	NS	NS	5830	NS	NS	7330	NS
Manganese	NS	NS	231 J	NS	NS	737	NS	NS	726	NS
Mercury	NS	NS	0.095 B	NS	NS	1.1	NS	NS	0.94	NS
Methoxychlor	NS	120	NS	NS	12 JQ	NS	NS	17 JQ	NS	NS
Methyl isobutyl ketone (4-Methyl-2-pentanone)	NS	8.7 UJ	NS	NS	6.2 U	NS	NS	7.1 UJ	NS	NS
Methyl tertiary butyl ether (MTBE)	NS	8.7 U	NS	NS	6.2 U	NS	NS	7.1 U	NS	NS
Methylene chloride (Dichloromethane) (a)	NS	8.7 U	NS	NS	6.2 U	NS	NS	7.1 U	NS	NS
Naphthalene	NS	26 JQ	NS	NS	8.7 JQ	NS	NS	20 JQ	NS	NS
Nickel	NS	NS	6 J	NS	NS	16.2	NS	NS	21.1	NS
Nitrobenzene	NS	340 U	NS	NS	220 U	NS	NS	260 U	NS	NS
N-Nitrosodi-n-propylamine	NS	340 U	NS	NS	220 U	NS	NS	260 U	NS	NS
N-Nitrosodiphenylamine	NS	340 U	NS	NS	220 U	NS	NS	260 U	NS	NS
OCDD	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
OCDF	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Pentachlorophenol	NS	660 U	NS	NS	430 U	NS	NS	500 U	NS	NS
Phenanthrene	NS	150 JQ	NS	NS	340	NS	NS	480	NS	NS
Phenol	NS	340 U	NS	NS	220 U	NS	NS	260 U	NS	NS
Potassium	NS	NS	146 JQ	NS	NS	400 JQ	NS	NS	542	NS
Pyrene	NS	400	NS	NS	620	NS	NS	1500	NS	NS
Selenium	NS	NS	2.8 U	NS	NS	4.1 U	NS	NS	3.6 U	NS
Silver	NS	NS	0.85 U	NS	NS	0.72 JQ	NS	NS	0.54 JQ	NS
Sodium	NS	NS	97.2 JQ	NS	NS	94 JQ	NS	NS	114 JQ	NS
Styrene	NS	8.7 U	NS	NS	6.2 U	NS	NS	7.1 U	NS	NS
Tetrachloroethene (PCE)	NS	8.7 U	NS	NS	6.2 U	NS	NS	7.1 U	NS	NS
Thallium	NS	NS	2 U	NS	NS	2.9 U	NS	NS	2.6 U	NS
Toluene (a)	NS	0.59 JQ (b)	NS	NS	0.78 JQ (b)	NS	NS	0.39 JQ (b)	NS	NS
Toxaphene	NS	660 U	NS	NS	210 U	NS	NS	250 U	NS	NS
trans-1,2-Dichloroethene	NS	8.7 U	NS	NS	6.2 U	NS	NS	7.1 U	NS	NS
trans-1,3-Dichloropropene	NS	8.7 U	NS	NS	6.2 U	NS	NS	7.1 U	NS	NS
Trichloroethene (TCE)	NS	8.7 U	NS	NS	6.2 U	NS	NS	7.1 U	NS	NS
Trichlorofluoromethane	NS	8.7 U	NS	NS	6.2 U	NS	NS	7.1 U	NS	NS

TABLE A-1  
Data Summary Table for Soil

Sample Location: Sample Date: Unit: Start Depth (inches): End Depth (inches):	OFP-068 7/25/2013 pg/g	OFP-068 7/25/2013 ug/kg	OFP-076 7/25/2013 mg/kg	OFP-076 7/25/2013 pg/g	OFP-076 7/25/2013 ug/kg	OTBN-17 7/25/2013 mg/kg	OTBN-17 7/25/2013 pg/g	OTBN-17 7/25/2013 ug/kg	OTBN-18 7/25/2013 mg/kg	OTBN-18 7/25/2013 pg/g
	0	0	0	0	0	0	0	0	0	0
	6	6	6	6	6	6	6	6	6	6
Vanadium	NS	NS	5.5 J	NS	NS	12.3	NS	NS	15.3	NS
Vinyl Chloride	NS	8.7 U	NS	NS	6.2 U	NS	NS	7.1 U	NS	NS
Xylenes, Total	NS	8.7 U	NS	NS	6.2 U	NS	NS	7.1 U	NS	NS
Zinc	NS	NS	27.6	NS	NS	180	NS	NS	250	NS

Notes:  
(a) Potential laboratory contaminant.  
(b) For potential lab contaminants: The detected value is J / B flagged and the result is less than the reporting limit; the sample is considered a non-detect.

TABLE A-1  
Data Summary Table for Soil

Sample Location: Sample Date: Unit: Start Depth (inches): End Depth (inches):	OTBN-18 7/25/2013 ug/kg 0 6	OTBN-20 7/25/2013 mg/kg 0 6	OTBN-20 7/25/2013 pg/g 0 6	OTBN-20 7/25/2013 ug/kg 0 6	OTBS-08 7/24/2013 mg/kg 0 6	OTBS-08 7/24/2013 pg/g 0 6	OTBS-08 7/24/2013 ug/kg 0 6	OTBS-17 7/25/2013 mg/kg 0 6	OTBS-17 7/25/2013 pg/g 0 6	OTBS-17 7/25/2013 ug/kg 0 6
1,1,1-Trichloroethane	8.3 U	NS	NS	8.1 U	NS	NS	12 U	NS	NS	5.4 U
1,1,2,2-Tetrachloroethane	8.3 UJ	NS	NS	8.1 UJ	NS	NS	12 UJ	NS	NS	5.4 U
1,1,2-Trichloroethane	8.3 U	NS	NS	8.1 U	NS	NS	12 U	NS	NS	5.4 U
1,1-Dichloroethane	8.3 U	NS	NS	8.1 U	NS	NS	12 U	NS	NS	5.4 U
1,1-Dichloroethene	8.3 U	NS	NS	8.1 U	NS	NS	12 U	NS	NS	5.4 U
1,2,3,4,6,7,8,9-OCDD	NS	NS	72000 J	NS	NS	9300	NS	NS	26000 J	NS
1,2,3,4,6,7,8,9-OCDF	NS	NS	2600	NS	NS	280	NS	NS	710	NS
1,2,3,4,6,7,8-HpCDD	NS	NS	8100	NS	NS	1100	NS	NS	2400	NS
1,2,3,4,6,7,8-HpCDF	NS	NS	1500	NS	NS	170	NS	NS	250	NS
1,2,3,4,7,8,9-HpCDF	NS	NS	83	NS	NS	14 U	NS	NS	22 J	NS
1,2,3,4,7,8-HxCDD	NS	NS	78 U	NS	NS	14 U	NS	NS	11 JQ	NS
1,2,3,4,7,8-HxCDF	NS	NS	100 J	NS	NS	14 U	NS	NS	27 J	NS
1,2,3,6,7,8-HxCDD	NS	NS	240	NS	NS	33	NS	NS	71	NS
1,2,3,6,7,8-HxCDF	NS	NS	89 J	NS	NS	14 J	NS	NS	23 J	NS
1,2,3,7,8,9-HxCDD	NS	NS	120	NS	NS	19 J	NS	NS	34 J	NS
1,2,3,7,8,9-HxCDF	NS	NS	78 U	NS	NS	1.1 JQ	NS	NS	12 U	NS
1,2,3,7,8-PeCDD	NS	NS	78 U	NS	NS	14 U	NS	NS	12 U	NS
1,2,3,7,8-PeCDF	NS	NS	6.3 JQ	NS	NS	3.4 JQ	NS	NS	4.4 JQ	NS
1,2,3-Trichlorobenzene	8.3 UJ	NS	NS	8.1 UJ	NS	NS	1.3 B	NS	NS	5.4 U
1,2,4,5-Tetrachlorobenzene	290 U	NS	NS	290 U	NS	NS	440 U	NS	NS	210 U
1,2,4-Trichlorobenzene	8.3 UJ	NS	NS	8.1 UJ	NS	NS	1.2 B	NS	NS	5.4 U
1,2-Dibromo-3-Chloropropane	8.3 UJ	NS	NS	8.1 UJ	NS	NS	12 UJ	NS	NS	5.4 U
1,2-Dibromoethane (Ethylene dibromide)	8.3 U	NS	NS	8.1 U	NS	NS	12 U	NS	NS	5.4 U
1,2-Dichlorobenzene	8.3 UJ	NS	NS	8.1 UJ	NS	NS	12 UJ	NS	NS	5.4 U
1,2-Dichloroethane	8.3 U	NS	NS	8.1 U	NS	NS	12 U	NS	NS	5.4 U
1,2-Dichloroethene (Total)	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
1,2-Dichloropropane	8.3 U	NS	NS	8.1 U	NS	NS	12 U	NS	NS	5.4 U
1,3-Dichlorobenzene	8.3 UJ	NS	NS	8.1 UJ	NS	NS	0.35 B	NS	NS	5.4 U
1,4-Dichlorobenzene	8.3 UJ	NS	NS	8.1 UJ	NS	NS	12 UJ	NS	NS	5.4 U
2,3,4,6,7,8-HxCDF	NS	NS	18 JQ	NS	NS	14 U	NS	NS	12 U	NS
2,3,4,7,8-PeCDF	NS	NS	17 JQ	NS	NS	14 U	NS	NS	9.4 JQ	NS
2,3,7,8-TCDD	NS	NS	33	NS	NS	19	NS	NS	49	NS
2,3,7,8-TCDF	NS	NS	150	NS	NS	65 J	NS	NS	160 J	NS
2,4,5-Trichlorophenol	290 U	NS	NS	290 U	NS	NS	440 U	NS	NS	210 U
2,4,6-Trichlorophenol	290 U	NS	NS	290 U	NS	NS	440 U	NS	NS	210 U
2,4-Dichlorophenol	290 U	NS	NS	290 U	NS	NS	440 U	NS	NS	210 U
2,4-Dimethylphenol	290 U	NS	NS	290 U	NS	NS	440 U	NS	NS	210 U
2,4-Dinitrophenol	570 U	NS	NS	560 U	NS	NS	850 U	NS	NS	400 U
2,4-Dinitrotoluene	290 U	NS	NS	290 U	NS	NS	440 U	NS	NS	210 U
2,6-Dinitrotoluene	290 U	NS	NS	290 U	NS	NS	440 U	NS	NS	210 U
2-Butanone (Methyl ethyl ketone) (a)	8.3 U	NS	NS	8.1 U	NS	NS	12 U	NS	NS	5.4 U
2-Chloronaphthalene	290 U	NS	NS	290 U	NS	NS	440 U	NS	NS	210 U
2-Chlorophenol	290 U	NS	NS	290 U	NS	NS	440 U	NS	NS	210 U
2-Hexanone	8.3 U	NS	NS	8.1 U	NS	NS	12 U	NS	NS	5.4 U



TABLE A-1  
Data Summary Table for Soil

Sample Location: Sample Date: Unit: Start Depth (inches): End Depth (inches):	OTBN-18 7/25/2013 ug/kg 0 6	OTBN-20 7/25/2013 mg/kg 0 6	OTBN-20 7/25/2013 pg/g 0 6	OTBN-20 7/25/2013 ug/kg 0 6	OTBS-08 7/24/2013 mg/kg 0 6	OTBS-08 7/24/2013 pg/g 0 6	OTBS-08 7/24/2013 ug/kg 0 6	OTBS-17 7/25/2013 mg/kg 0 6	OTBS-17 7/25/2013 pg/g 0 6	OTBS-17 7/25/2013 ug/kg 0 6
2-Methylnaphthalene	15 JQ	NS	NS	19 JQ	NS	NS	12 JQ	NS	NS	14 JQ
2-Methylphenol (o-Cresol)	290 U	NS	NS	290 U	NS	NS	440 U	NS	NS	210 U
2-Nitroaniline	570 U	NS	NS	560 U	NS	NS	850 U	NS	NS	400 U
2-Nitrophenol	290 U	NS	NS	290 U	NS	NS	440 U	NS	NS	210 U
3,3'-Dichlorobenzidine	290 U	NS	NS	290 U	NS	NS	440 U	NS	NS	210 U
3+4-Methylphenol (m,p-Cresol)	570 U	NS	NS	560 U	NS	NS	850 U	NS	NS	400 U
3-Nitroaniline	570 U	NS	NS	560 U	NS	NS	850 U	NS	NS	400 U
4,4'-DDD	13 JQ	NS	NS	160	NS	NS	76 JQ	NS	NS	43
4,4'-DDE	19 JQ	NS	NS	100	NS	NS	54 JQ	NS	NS	27
4,4'-DDT	80	NS	NS	340	NS	NS	180	NS	NS	85
4,6-Dinitro-2-Methylphenol	570 U	NS	NS	560 U	NS	NS	850 U	NS	NS	400 U
4-Bromophenyl phenyl ether	290 U	NS	NS	290 U	NS	NS	440 U	NS	NS	210 U
4-Chloro-3-Methylphenol	290 U	NS	NS	290 U	NS	NS	440 U	NS	NS	210 U
4-Chloroaniline	290 U	NS	NS	290 U	NS	NS	440 U	NS	NS	210 U
4-Chlorophenyl phenyl ether	290 U	NS	NS	290 U	NS	NS	440 U	NS	NS	210 U
4-Methylphenol (p-Cresol)	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
4-Nitroaniline	570 U	NS	NS	560 U	NS	NS	850 U	NS	NS	400 U
4-Nitrophenol	570 U	NS	NS	560 U	NS	NS	850 U	NS	NS	400 U
Acenaphthene	24 JQ	NS	NS	290 U	NS	NS	440 U	NS	NS	210 U
Acenaphthylene	42 JQ	NS	NS	24 JQ	NS	NS	440 U	NS	NS	13 JQ
Acetone (a)	8.3 U	NS	NS	13	NS	NS	16	NS	NS	5.4 U
Acetophenone	290 U	NS	NS	17 JQ	NS	NS	440 U	NS	NS	19 JQ
Aldrin	16 JQ	NS	NS	55 U	NS	NS	44 JQ	NS	NS	20 U
alpha-BHC	57 U	NS	NS	55 U	NS	NS	86 U	NS	NS	3.6 JQ
alpha-Chlordane	57 U	NS	NS	55 U	NS	NS	86 U	NS	NS	20 U
Aluminum	NS	12800	NS	NS	14900	NS	NS	5650	NS	NS
Anthracene	130 JQ	NS	NS	24 JQ	NS	NS	440 U	NS	NS	12 JQ
Antimony	NS	6.5 U	NS	NS	10.7 U	NS	NS	4.6 U	NS	NS
Arsenic	NS	12.1	NS	NS	10.8	NS	NS	8.6	NS	NS
Atrazine	290 U	NS	NS	290 U	NS	NS	440 U	NS	NS	210 U
Barium	NS	454	NS	NS	343	NS	NS	100	NS	NS
Benzaldehyde	290 U	NS	NS	87 JQ	NS	NS	440 U	NS	NS	44 JQ
Benzene	8.3 U	NS	NS	8.1 U	NS	NS	12 U	NS	NS	5.4 U
Benzo(a)anthracene	500	NS	NS	130 JQ	NS	NS	100 JQ	NS	NS	63 JQ
Benzo(a)pyrene	520	NS	NS	160 JQ	NS	NS	85 JQ	NS	NS	76 JQ
Benzo(b)fluoranthene	800	NS	NS	220 JQ	NS	NS	100 JQ	NS	NS	120 JQ
Benzo(g,h,i)perylene	350	NS	NS	120 JQ	NS	NS	440 U	NS	NS	60 JQ
Benzo(k)fluoranthene	310	NS	NS	54 JQ	NS	NS	66 JQ	NS	NS	40 JQ
Beryllium	NS	0.62	NS	NS	0.6 JQ	NS	NS	0.23 JQ	NS	NS
beta-BHC	57 U	NS	NS	55 U	NS	NS	86 U	NS	NS	20 U
beta-Chlordane	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
bis(2-Chloroethoxy)methane	290 U	NS	NS	290 U	NS	NS	440 U	NS	NS	210 U
bis(2-Chloroethyl)ether	290 U	NS	NS	290 U	NS	NS	440 U	NS	NS	210 U
bis(2-Chloroisopropyl)ether	290 U	NS	NS	290 U	NS	NS	440 U	NS	NS	210 U

TABLE A-1  
Data Summary Table for Soil

Sample Location: Sample Date: Unit: Start Depth (inches): End Depth (inches):	OTBN-18 7/25/2013 ug/kg 0 6	OTBN-20 7/25/2013 mg/kg 0 6	OTBN-20 7/25/2013 pg/g 0 6	OTBN-20 7/25/2013 ug/kg 0 6	OTBS-08 7/24/2013 mg/kg 0 6	OTBS-08 7/24/2013 pg/g 0 6	OTBS-08 7/24/2013 ug/kg 0 6	OTBS-17 7/25/2013 mg/kg 0 6	OTBS-17 7/25/2013 pg/g 0 6	OTBS-17 7/25/2013 ug/kg 0 6
bis(2-Ethylhexyl)phthalate (b)	130 JQ (b)	NS	NS	200 JQ (b)	NS	NS	440 U	NS	NS	190 JQ (b)
Bromodichloromethane (Dichlorobromomethane)	8.3 U	NS	NS	8.1 U	NS	NS	12 U	NS	NS	5.4 U
Bromoform (Tribromomethane)	8.3 U	NS	NS	8.1 U	NS	NS	12 U	NS	NS	5.4 U
Bromomethane (Methyl bromide)	8.3 U	NS	NS	8.1 U	NS	NS	12 U	NS	NS	5.4 U
Butyl benzyl phthalate (b)	290 U	NS	NS	290 U	NS	NS	440 U	NS	NS	210 U
Cadmium	NS	7.5	NS	NS	7	NS	NS	1.8	NS	NS
Calcium	NS	13800	NS	NS	14700	NS	NS	7520	NS	NS
Caprolactam	290 U	NS	NS	300	NS	NS	440 U	NS	NS	210 U
Carbazole	60 JQ	NS	NS	11 JQ	NS	NS	440 U	NS	NS	210 U
Carbon disulfide (a)	8.3 U	NS	NS	8.1 U	NS	NS	12 U	NS	NS	5.4 U
Carbon tetrachloride	8.3 U	NS	NS	8.1 U	NS	NS	12 U	NS	NS	5.4 U
Chlordane (technical)	570 U	NS	NS	2300	NS	NS	860 U	NS	NS	200 U
Chlorobenzene	8.3 U	NS	NS	8.1 U	NS	NS	12 U	NS	NS	5.4 U
Chlorobromomethane (Bromochloromethane)	8.3 U	NS	NS	8.1 U	NS	NS	12 U	NS	NS	5.4 U
Chlorodibromomethane (Dibromochloromethane)	8.3 U	NS	NS	8.1 U	NS	NS	12 U	NS	NS	5.4 U
Chloroethane	8.3 UJ	NS	NS	8.1 UJ	NS	NS	12 UJ	NS	NS	5.4 UJ
Chloroform	8.3 U	NS	NS	8.1 U	NS	NS	12 U	NS	NS	5.4 U
Chloromethane (Methyl chloride)	8.3 U	NS	NS	8.1 U	NS	NS	12 U	NS	NS	5.4 U
Chromium	NS	216	NS	NS	219	NS	NS	70.4	NS	NS
Chrysene	500	NS	NS	140 JQ	NS	NS	86 JQ	NS	NS	85 JQ
cis-1,2-Dichloroethene	8.3 U	NS	NS	8.1 U	NS	NS	12 U	NS	NS	5.4 U
cis-1,3-Dichloropropene	8.3 U	NS	NS	8.1 U	NS	NS	12 U	NS	NS	5.4 U
Cobalt	NS	8.2	NS	NS	8 JQ	NS	NS	3.4 JQ	NS	NS
Copper	NS	271	NS	NS	233	NS	NS	62.7	NS	NS
Cyanide	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
delta-BHC	21 JQ	NS	NS	61	NS	NS	53 JQ	NS	NS	16 JQ
Dibenzo(a,h)anthracene	290 U	NS	NS	290 U	NS	NS	440 U	NS	NS	210 U
Dibenzofuran	14 JQ	NS	NS	290 U	NS	NS	440 U	NS	NS	210 U
Dichlorodifluoromethane	8.3 UJ	NS	NS	8.1 UJ	NS	NS	12 UJ	NS	NS	5.4 UJ
Dieldrin	57 U	NS	NS	45 JQ	NS	NS	130	NS	NS	16 JQ
Diethyl phthalate (b)	290 U	NS	NS	290 U	NS	NS	440 U	NS	NS	210 U
Dimethyl phthalate	290 U	NS	NS	290 U	NS	NS	440 U	NS	NS	210 U
Di-n-butyl phthalate (b)	290 U	NS	NS	290 U	NS	NS	220 JQ (b)	NS	NS	80 JQ (b)
Di-n-octyl phthalate	290 U	NS	NS	290 U	NS	NS	440 U	NS	NS	210 U
Endosulfan I	57 U	NS	NS	17 JQ	NS	NS	86 U	NS	NS	6.1 JQ
Endosulfan II	57 U	NS	NS	55 U	NS	NS	86 U	NS	NS	20 U
Endosulfan sulfate	57 U	NS	NS	55 U	NS	NS	86 U	NS	NS	20 U
Endrin	57 U	NS	NS	55 U	NS	NS	86 U	NS	NS	20 U
Endrin aldehyde	57 U	NS	NS	94	NS	NS	86 U	NS	NS	20 U
Endrin ketone	57 U	NS	NS	26 JQ	NS	NS	86 U	NS	NS	9.7 JQ
Ethylbenzene	8.3 U	NS	NS	8.1 U	NS	NS	12 U	NS	NS	5.4 U
Fluoranthene	1100	NS	NS	160 JQ	NS	NS	120 JQ	NS	NS	100 JQ
Fluorene	37 JQ	NS	NS	290 U	NS	NS	440 U	NS	NS	210 U
Freon-113 (1,1,2-trichloro-1,2,2-trifluoroethane)	8.3 U	NS	NS	8.1 U	NS	NS	12 U	NS	NS	5.4 U

TABLE A-1  
Data Summary Table for Soil

Sample Location: Sample Date: Unit: Start Depth (inches): End Depth (inches):	OTBN-18	OTBN-20	OTBN-20	OTBN-20	OTBS-08	OTBS-08	OTBS-08	OTBS-17	OTBS-17	OTBS-17
	7/25/2013	7/25/2013	7/25/2013	7/25/2013	7/24/2013	7/24/2013	7/24/2013	7/25/2013	7/25/2013	7/25/2013
	ug/kg	mg/kg	pg/g	ug/kg	mg/kg	pg/g	ug/kg	mg/kg	pg/g	ug/kg
	0	0	0	0	0	0	0	0	0	0
	6	6	6	6	6	6	6	6	6	6
	gamma-BHC (Lindane)	57 U	NS	NS	55 U	NS	NS	86 U	NS	NS
	gamma-Chlordane	25 JQ	NS	NS	150	NS	NS	72 JQ	NS	NS
	Heptachlor	57 U	NS	NS	55 U	NS	NS	86 U	NS	NS
Heptachlor Epoxide	57 U	NS	NS	NS	260	NS	NS	86 U	NS	NS
Hexachlorobenzene	290 U	NS	NS	NS	290 U	NS	NS	440 U	NS	NS
Hexachlorobutadiene	290 U	NS	NS	NS	290 U	NS	NS	440 U	NS	NS
Hexachlorocyclopentadiene	290 U	NS	NS	NS	290 U	NS	NS	440 U	NS	NS
Hexachloroethane	290 U	NS	NS	NS	290 U	NS	NS	440 U	NS	NS
Indeno(1,2,3-cd)pyrene	500	NS	NS	NS	300	NS	NS	440 U	NS	NS
Iron	NS	12900	NS	NS	NS	14200	NS	NS	10900	NS
Isophorone	290 U	NS	NS	NS	290 U	NS	NS	440 U	NS	NS
Isopropylbenzene (Cumene)	8.3 UJ	NS	NS	NS	8.1 UJ	NS	NS	12 UJ	NS	NS
Lead	NS	668	NS	NS	NS	585	NS	NS	121	NS
Magnesium	NS	4090	NS	NS	NS	4920	NS	NS	2660	NS
Manganese	NS	170	NS	NS	NS	435	NS	NS	175	NS
Mercury	NS	3.9	NS	NS	NS	3.1	NS	NS	0.73	NS
Methoxychlor	74	NS	NS	NS	37 JQ	NS	NS	150	NS	NS
Methyl isobutyl ketone (4-Methyl-2-pentanone)	8.3 UJ	NS	NS	NS	8.1 UJ	NS	NS	12 UJ	NS	NS
Methyl tertiary butyl ether (MTBE)	8.3 U	NS	NS	NS	8.1 U	NS	NS	12 U	NS	NS
Methylene chloride (Dichloromethane) (a)	8.3 U	NS	NS	NS	8.1 U	NS	NS	2 JQ (b)	NS	NS
Naphthalene	290 U	NS	NS	NS	290 U	NS	NS	440 U	NS	NS
Nickel	NS	47.4	NS	NS	NS	38.9	NS	NS	15.7	NS
Nitrobenzene	290 U	NS	NS	NS	290 U	NS	NS	440 U	NS	NS
N-Nitrosodi-n-propylamine	290 U	NS	NS	NS	290 U	NS	NS	440 U	NS	NS
N-Nitrosodiphenylamine	290 U	NS	NS	NS	290 U	NS	NS	440 U	NS	NS
OCDD	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
OCDF	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Pentachlorophenol	570 U	NS	NS	NS	560 U	NS	NS	850 U	NS	NS
Phenanthrene	480	NS	NS	NS	87 JQ	NS	NS	63 JQ	NS	NS
Phenol	290 U	NS	NS	NS	290 U	NS	NS	440 U	NS	NS
Potassium	NS	477 JQ	NS	NS	NS	706 JQ	NS	NS	289 JQ	NS
Pyrene	1100	NS	NS	NS	270 JQ	NS	NS	120 JQ	NS	NS
Selenium	NS	1 JQ	NS	NS	NS	6.2 U	NS	NS	2.7 U	NS
Silver	NS	2.6	NS	NS	NS	4.1	NS	NS	0.68 JQ	NS
Sodium	NS	174 JQ	NS	NS	NS	121 JQ	NS	NS	72.3 JQ	NS
Styrene	8.3 U	NS	NS	NS	8.1 U	NS	NS	12 U	NS	NS
Tetrachloroethene (PCE)	8.3 U	NS	NS	NS	8.1 U	NS	NS	12 U	NS	NS
Thallium	NS	2.7 U	NS	NS	NS	4.5 U	NS	NS	1.9 U	NS
Toluene (a)	0.19 JQ (b)	NS	NS	NS	8.1 U	NS	NS	0.5 JQ (b)	NS	NS
Toxaphene	570 U	NS	NS	NS	1700	NS	NS	860 U	NS	NS
trans-1,2-Dichloroethene	8.3 U	NS	NS	NS	8.1 U	NS	NS	12 U	NS	NS
trans-1,3-Dichloropropene	8.3 U	NS	NS	NS	8.1 U	NS	NS	12 U	NS	NS
Trichloroethene (TCE)	8.3 U	NS	NS	NS	8.1 U	NS	NS	12 U	NS	NS
Trichlorofluoromethane	8.3 U	NS	NS	NS	8.1 U	NS	NS	12 U	NS	NS

TABLE A-1  
Data Summary Table for Soil

Sample Location: Sample Date: Unit: Start Depth (inches): End Depth (inches):	OTBN-18 7/25/2013 ug/kg 0 6	OTBN-20 7/25/2013 mg/kg 0 6	OTBN-20 7/25/2013 pg/g 0 6	OTBN-20 7/25/2013 ug/kg 0 6	OTBS-08 7/24/2013 mg/kg 0 6	OTBS-08 7/24/2013 pg/g 0 6	OTBS-08 7/24/2013 ug/kg 0 6	OTBS-17 7/25/2013 mg/kg 0 6	OTBS-17 7/25/2013 pg/g 0 6	OTBS-17 7/25/2013 ug/kg 0 6
Vanadium	NS	19.8	NS	NS	23.1	NS	NS	11.6	NS	NS
Vinyl Chloride	8.3 U	NS	NS	8.1 U	NS	NS	12 U	NS	NS	5.4 U
Xylenes, Total	8.3 U	NS	NS	8.1 U	NS	NS	12 U	NS	NS	5.4 U
Zinc	NS	486	NS	NS	562	NS	NS	155	NS	NS

Notes:  
(a) Potential laboratory contaminant.  
(b) For potential lab contaminants: The detected value is J / B flagged and the result is less than the reporting limit; the sample is considered a non-detect.

**TABLE A-1**  
**Data Summary Table for Soil**

Sample Location: Sample Date: Unit: Start Depth (inches): End Depth (inches):	OTBS-32 7/25/2013 mg/kg	OTBS-32 7/25/2013 pg/g	OTBS-32 7/25/2013 ug/kg	PES5-3 12/28/1993 mg/kg	KF1-3 8/3/1993 mg/kg	KF2-3 7/8/1993 mg/kg	KF3-1 7/9/1993 mg/kg	KF4-4 7/8/1993 mg/kg	KF4-4 7/8/1993 ug/kg	KP11F-5 11/30/2000 mg/kg
0 6	0 6	0 6	0 6	0 6	6 12	6 12	6 12	6 12	6 12	6 12
1,1,1-Trichloroethane	NS	NS	8.9 U	0.018 U	0.013 U	0.02 U	0.071 U	NS	12 U	NS
1,1,2,2-Tetrachloroethane	NS	NS	8.9 UJ	0.018 UJ	0.013 U	0.02 U	0.071 U	NS	12 U	NS
1,1,2-Trichloroethane	NS	NS	8.9 U	0.018 U	0.013 U	0.02 U	0.071 U	NS	12 U	NS
1,1-Dichloroethane	NS	NS	8.9 U	0.018 U	0.013 U	0.02 U	0.071 U	NS	12 U	NS
1,1-Dichloroethene	NS	NS	8.9 U	0.018 U	0.013 U	0.02 U	0.071 U	NS	12 U	NS
1,2,3,4,6,7,8,9-OCDD	NS	7800	NS	NS	NS	NS	NS	NS	NS	
1,2,3,4,6,7,8,9-OCDF	NS	270	NS	NS	NS	NS	NS	NS	NS	
1,2,3,4,6,7,8-HpCDD	NS	900	NS	NS	NS	NS	NS	NS	NS	NS
1,2,3,4,6,7,8-HpCDF	NS	93	NS	NS	NS	NS	NS	NS	NS	NS
1,2,3,4,7,8,9-HpCDF	NS	7 JQ	NS	NS	NS	NS	NS	NS	NS	NS
1,2,3,4,7,8-HxCDD	NS	4 JQ	NS	NS	NS	NS	NS	NS	NS	NS
1,2,3,4,7,8-HxCDF	NS	22 U	NS	NS	NS	NS	NS	NS	NS	NS
1,2,3,6,7,8-HxCDD	NS	20 JQ	NS	NS	NS	NS	NS	NS	NS	NS
1,2,3,6,7,8-HxCDF	NS	22 U	NS	NS	NS	NS	NS	NS	NS	NS
1,2,3,7,8,9-HxCDD	NS	22 U	NS	NS	NS	NS	NS	NS	NS	NS
1,2,3,7,8,9-HxCDF	NS	22 U	NS	NS	NS	NS	NS	NS	NS	NS
1,2,3,7,8-PeCDD	NS	22 U	NS	NS	NS	NS	NS	NS	NS	NS
1,2,3,7,8-PeCDF	NS	22 U	NS	NS	NS	NS	NS	NS	NS	NS
1,2,3-Trichlorobenzene	NS	NS	8.9 UJ	NS	NS	NS	NS	NS	NS	NS
1,2,4,5-Tetrachlorobenzene	NS	NS	320 U	NS	NS	NS	NS	NS	NS	NS
1,2,4-Trichlorobenzene	NS	NS	8.9 UJ	1.1 U	0.42 U	0.64 U	2.5 U	NS	350 U	NS
1,2-Dibromo-3-Chloropropane	NS	NS	8.9 UJ	NS	NS	NS	NS	NS	NS	NS
1,2-Dibromoethane (Ethylene dibromide)	NS	NS	8.9 U	NS	NS	NS	NS	NS	NS	NS
1,2-Dichlorobenzene	NS	NS	8.9 UJ	1.1 U	0.42 U	0.64 U	2.5 U	NS	350 U	NS
1,2-Dichloroethane	NS	NS	8.9 U	0.018 U	0.013 U	0.02 U	0.071 U	NS	12 U	NS
1,2-Dichloroethene (Total)	NS	NS	NS	0.018 U	0.013 U	0.02 U	0.071 U	NS	12 U	NS
1,2-Dichloropropane	NS	NS	8.9 U	0.018 U	0.013 U	0.02 U	0.071 U	NS	12 U	NS
1,3-Dichlorobenzene	NS	NS	8.9 UJ	1.1 U	0.42 U	0.64 U	2.5 U	NS	350 U	NS
1,4-Dichlorobenzene	NS	NS	8.9 UJ	1.1 U	0.42 U	0.64 U	2.5 U	NS	350 U	NS
2,3,4,6,7,8-HxCDF	NS	22 U	NS	NS	NS	NS	NS	NS	NS	NS
2,3,4,7,8-PeCDF	NS	22 U	NS	NS	NS	NS	NS	NS	NS	NS
2,3,7,8-TCDD	NS	15	NS	NS	NS	NS	NS	NS	NS	NS
2,3,7,8-TCDF	NS	59	NS	NS	NS	NS	NS	NS	NS	NS
2,4,5-Trichlorophenol	NS	NS	320 U	2.8 U	1 U	1.6 U	6.1 U	NS	850 U	NS
2,4,6-Trichlorophenol	NS	NS	320 U	1.1 U	0.42 U	0.64 U	2.5 U	NS	350 U	NS
2,4-Dichlorophenol	NS	NS	320 U	1.1 U	0.42 U	0.64 U	2.5 U	NS	350 U	NS
2,4-Dimethylphenol	NS	NS	320 U	1.1 U	0.42 U	0.64 U	2.5 U	NS	350 U	NS
2,4-Dinitrophenol	NS	NS	610 U	2.8 U	1 UJ	1.6 UJ	6.1 UJ	NS	850 UJ	NS
2,4-Dinitrotoluene	NS	NS	320 U	1.1 U	0.42 UJ	0.64 U	2.5 U	NS	350 U	NS
2,6-Dinitrotoluene	NS	NS	320 U	1.1 U	0.42 U	0.64 U	2.5 U	NS	350 U	NS
2-Butanone (Methyl ethyl ketone) (a)	NS	NS	8.9 U	0.018 UJ	0.013 UJ	0.02 U	0.071 U	NS	12 U	NS
2-Chloronaphthalene	NS	NS	320 U	1.1 U	0.42 U	0.64 U	2.5 U	NS	350 U	NS
2-Chlorophenol	NS	NS	320 U	1.1 U	0.42 U	0.64 U	2.5 U	NS	350 U	NS
2-Hexanone	NS	NS	8.9 U	0.018 UJ	0.013 U	0.02 U	0.071 U	NS	12 U	NS

TABLE A-1  
Data Summary Table for Soil

Sample Location: Sample Date: Unit: Start Depth (inches): End Depth (inches):	OTBS-32 7/25/2013 mg/kg	OTBS-32 7/25/2013 pg/g	OTBS-32 7/25/2013 ug/kg	PES5-3 12/28/1993 mg/kg	KF1-3 8/3/1993 mg/kg	KF2-3 7/8/1993 mg/kg	KF3-1 7/9/1993 mg/kg	KF4-4 7/8/1993 mg/kg	KF4-4 7/8/1993 ug/kg	KP11F-5 11/30/2000 mg/kg
	0	0	0	0	6	6	6	6	6	6
	6	6	6	6	12	12	12	12	12	12
2-Methylnaphthalene	NS	NS	16 JQ	1.1 U	0.42 U	0.64 U	2.5 U	NS	350 U	NS
2-Methylphenol (o-Cresol)	NS	NS	320 U	1.1 U	0.42 U	0.64 U	2.5 U	NS	350 U	NS
2-Nitroaniline	NS	NS	610 U	2.8 U	1 UJ	1.6 U	6.1 U	NS	850 U	NS
2-Nitrophenol	NS	NS	320 U	1.1 U	0.42 U	0.64 U	2.5 U	NS	350 U	NS
3,3'-Dichlorobenzidine	NS	NS	320 U	1.1 U	0.42 U	0.64 U	2.5 U	NS	350 U	NS
3+4-Methylphenol (m,p-Cresol)	NS	NS	610 U	NS	NS	NS	NS	NS	NS	NS
3-Nitroaniline	NS	NS	610 U	2.8 U	1 U	1.6 U	6.1 U	NS	850 U	NS
4,4'-DDD	NS	NS	120	0.057 U	0.0042 U	0.0064 U	0.025 U	NS	3.5 U	NS
4,4'-DDE	NS	NS	60	0.12	0.003 J	0.0064 U	0.025 U	NS	3.5 U	NS
4,4'-DDT	NS	NS	220	0.057 UJ	0.999 R	0.0064 U	0.025 U	NS	3.5 U	NS
4,6-Dinitro-2-Methylphenol	NS	NS	610 U	2.8 U	1 U	1.6 U	6.1 U	NS	850 U	NS
4-Bromophenyl phenyl ether	NS	NS	320 U	1.1 U	0.42 U	0.64 U	2.5 U	NS	350 U	NS
4-Chloro-3-Methylphenol	NS	NS	320 U	1.1 U	0.42 UJ	0.64 U	2.5 U	NS	350 U	NS
4-Chloroaniline	NS	NS	320 U	1.1 U	0.42 UJ	0.64 UJ	2.5 UJ	NS	350 UJ	NS
4-Chlorophenyl phenyl ether	NS	NS	320 U	1.1 U	0.42 UJ	0.64 U	2.5 U	NS	350 U	NS
4-Methylphenol (p-Cresol)	NS	NS	NS	1.1 U	0.42 U	0.64 U	2.5 U	NS	350 U	NS
4-Nitroaniline	NS	NS	610 U	2.8 U	1 UJ	1.6 U	6.1 U	NS	850 U	NS
4-Nitrophenol	NS	NS	610 U	2.8 U	1 UJ	1.6 U	6.1 U	NS	850 U	NS
Acenaphthene	NS	NS	320 U	1.1 U	0.42 U	0.64 U	2.5 U	NS	350 U	NS
Acenaphthylene	NS	NS	25 JQ	1.1 U	0.42 U	0.64 U	2.5 U	NS	350 U	NS
Acetone (a)	NS	NS	21	0.018 UJ	0.013 U	0.02 U	0.071 UJ	NS	12 UJ	NS
Acetophenone	NS	NS	320 U	NS	NS	NS	NS	NS	NS	NS
Aldrin	NS	NS	42	0.19	0.0022 U	0.0033 U	0.011 J	NS	1.8 U	NS
alpha-BHC	NS	NS	31 U	0.029 U	0.0022 U	0.0033 U	0.013 U	NS	1.8 U	NS
alpha-Chlordane	NS	NS	31 U	0.029 U	0.0022 U	0.0033 U	0.013 U	NS	1.8 U	NS
Aluminum	14300	NS	NS	15900	5560	10000	8750	4610	NS	NS
Anthracene	NS	NS	28 JQ	1.1 U	0.027 J	0.64 U	2.5 U	NS	350 U	NS
Antimony	6.5 U	NS	NS	6.1 UJ	10.4 UJ	19.1 UJ	53.9 UJ	5.4 UJ	NS	NS
Arsenic	12.7	NS	NS	17	15.9 J	22.2 J	14 BJ	3.3 J	NS	NS
Atrazine	NS	NS	320 U	NS	NS	NS	NS	NS	NS	NS
Barium	388	NS	NS	368	89.6	143	223	31.3	NS	NS
Benzaldehyde	NS	NS	320 U	NS	NS	NS	NS	NS	NS	NS
Benzene	NS	NS	8.9 U	0.018 U	0.013 U	0.02 U	0.071 U	NS	12 U	NS
Benzo(a)anthracene	NS	NS	170 JQ	0.25 J	0.082 J	0.64 U	2.5 U	NS	350 U	NS
Benzo(a)pyrene	NS	NS	190 JQ	0.23 J	0.083 J	0.64 U	2.5 U	NS	350 U	NS
Benzo(b)fluoranthene	NS	NS	270 JQ	0.42 J	0.071 J	0.64 U	2.5 U	NS	350 U	NS
Benzo(g,h,i)perylene	NS	NS	160 JQ	1.1 U	0.024 J	0.64 U	2.5 U	NS	350 U	NS
Benzo(k)fluoranthene	NS	NS	110 JQ	0.16 J	0.071 J	0.64 U	2.5 U	NS	350 U	NS
Beryllium	0.66	NS	NS	0.73 B	0.46 B	0.67 B	0.97 U	0.2 B	NS	NS
beta-BHC	NS	NS	31 U	0.999 R	0.0022 U	0.0033 U	0.013 U	NS	1.8 U	NS
beta-Chlordane	NS	NS	NS	0.999 R	0.0022 U	0.0033 U	0.013 U	NS	1.8 U	NS
bis(2-Chloroethoxy)methane	NS	NS	320 U	1.1 U	0.42 U	0.64 U	2.5 U	NS	350 U	NS
bis(2-Chloroethyl)ether	NS	NS	320 U	1.1 U	0.42 U	0.64 U	2.5 U	NS	350 U	NS
bis(2-Chloroisopropyl)ether	NS	NS	320 U	1.1 U	0.42 U	0.64 U	2.5 U	NS	350 U	NS

TABLE A-1  
Data Summary Table for Soil

Sample Location: Sample Date: Unit: Start Depth (inches): End Depth (inches):	OTBS-32 7/25/2013 mg/kg	OTBS-32 7/25/2013 pg/g	OTBS-32 7/25/2013 ug/kg	PES5-3 12/28/1993 mg/kg	KF1-3 8/3/1993 mg/kg	KF2-3 7/8/1993 mg/kg	KF3-1 7/9/1993 mg/kg	KF4-4 7/8/1993 mg/kg	KF4-4 7/8/1993 ug/kg	KP11F-5 11/30/2000 mg/kg
	0 6	0 6	0 6	0 6	6 12	6 12	6 12	6 12	6 12	6 12
bis(2-Ethylhexyl)phthalate (b)	NS	NS	320 U	1.1 U	0.42 U	0.64 U	2.5 U	NS	350 U	NS
Bromodichloromethane (Dichlorobromomethane)	NS	NS	8.9 U	0.018 U	0.013 U	0.02 U	0.071 U	NS	12 U	NS
Bromoform (Tribromomethane)	NS	NS	8.9 U	0.018 U	0.013 U	0.02 U	0.071 U	NS	12 U	NS
Bromomethane (Methyl bromide)	NS	NS	8.9 U	0.018 U	0.013 U	0.02 U	0.071 U	NS	12 U	NS
Butyl benzyl phthalate (b)	NS	NS	320 U	0.095 J	0.42 U	0.64 U	2.5 U	NS	350 U	NS
Cadmium	7.5	NS	NS	6.1	0.58 U	1.1 U	6.5 J	0.3 U	NS	NS
Calcium	24100	NS	NS	36600	30900	8660	18400	866	NS	NS
Caprolactam	NS	NS	320 U	NS	NS	NS	NS	NS	NS	NS
Carbazole	NS	NS	320 U	1.1 U	0.42 U	0.64 U	2.5 U	NS	350 U	NS
Carbon disulfide (a)	NS	NS	8.9 U	0.018 U	0.013 U	0.02 U	0.071 U	NS	12 U	NS
Carbon tetrachloride	NS	NS	8.9 U	0.018 U	0.013 U	0.02 U	0.071 U	NS	12 U	NS
Chlordane (technical)	NS	NS	310 U	NS	NS	NS	NS	NS	NS	NS
Chlorobenzene	NS	NS	8.9 U	0.018 UJ	0.013 U	0.02 U	0.071 U	NS	12 U	NS
Chlorobromomethane (Bromochloromethane)	NS	NS	8.9 U	NS	NS	NS	NS	NS	NS	NS
Chlorodibromomethane (Dibromochloromethane)	NS	NS	8.9 U	0.018 U	0.013 U	0.02 U	0.071 U	NS	12 U	NS
Chloroethane	NS	NS	8.9 UJ	0.018 UJ	0.013 U	0.02 UJ	0.071 U	NS	12 U	NS
Chloroform	NS	NS	8.9 U	0.018 U	0.013 U	0.02 U	0.071 U	NS	12 U	NS
Chloromethane (Methyl chloride)	NS	NS	8.9 U	0.018 U	0.013 U	0.02 U	0.071 U	NS	12 U	NS
Chromium	239	NS	NS	408	21.8	21.5	99.6	7.1	NS	NS
Chrysene	NS	NS	200 JQ	0.34 J	0.087 J	0.64 U	2.5 U	NS	350 U	NS
cis-1,2-Dichloroethene	NS	NS	8.9 U	NS	NS	NS	NS	NS	NS	NS
cis-1,3-Dichloropropene	NS	NS	8.9 U	0.018 U	0.013 U	0.02 U	0.071 U	NS	12 U	NS
Cobalt	7.9	NS	NS	8.1 B	3.6 B	7.5 B	6.8 B	3.5 B	NS	NS
Copper	248	NS	NS	314	27.8	10.9 J	128 J	3	NS	NS
Cyanide	NS	NS	NS	1.5	0.09 U	0.23 B	0.58 U	0.08 U	NS	NS
delta-BHC	NS	NS	59	0.029 U	0.0022 U	0.0033 U	0.013 U	NS	1.8 U	NS
Dibenzo(a,h)anthracene	NS	NS	320 U	1.1 U	0.42 U	0.64 U	2.5 U	NS	350 U	NS
Dibenzofuran	NS	NS	320 U	1.1 U	0.42 U	0.64 U	2.5 U	NS	350 U	NS
Dichlorodifluoromethane	NS	NS	8.9 UJ	NS	NS	NS	NS	NS	NS	NS
Dieldrin	NS	NS	30 JQ	0.057 U	0.0042 U	0.0064 U	0.025 U	NS	3.5 U	NS
Diethyl phthalate (b)	NS	NS	320 U	1.1 U	0.42 UJ	0.64 U	2.5 U	NS	350 U	NS
Dimethyl phthalate	NS	NS	320 U	1.1 U	0.42 U	0.64 U	2.5 U	NS	350 U	NS
Di-n-butyl phthalate (b)	NS	NS	320 U	0.071 J	0.42 U	0.64 U	2.5 U	NS	350 U	NS
Di-n-octyl phthalate	NS	NS	320 U	1.1 U	0.42 U	0.64 U	2.5 U	NS	350 U	NS
Endosulfan I	NS	NS	13 JQ	0.029 U	0.0022 U	0.0033 U	0.013 U	NS	1.8 U	NS
Endosulfan II	NS	NS	31 U	0.057 U	0.0042 U	0.0064 U	0.025 U	NS	3.5 U	NS
Endosulfan sulfate	NS	NS	31 U	0.057 U	0.0042 U	0.0064 U	0.025 U	NS	3.5 U	NS
Endrin	NS	NS	33	0.057 U	0.0042 U	0.0064 U	0.025 U	NS	3.5 U	NS
Endrin aldehyde	NS	NS	38	0.057 U	0.0042 U	0.0064 U	0.025 U	NS	3.5 U	NS
Endrin ketone	NS	NS	15 JQ	0.057 U	0.0042 U	0.0064 U	0.025 U	NS	3.5 U	NS
Ethylbenzene	NS	NS	8.9 U	0.018 UJ	0.013 U	0.02 U	0.071 U	NS	12 U	NS
Fluoranthene	NS	NS	250 JQ	0.42 J	0.15 J	0.64 U	0.27 J	NS	350 U	NS
Fluorene	NS	NS	320 U	1.1 U	0.42 U	0.64 U	2.5 U	NS	350 U	NS
Freon-113 (1,1,2-trichloro-1,2,2-trifluoroethane)	NS	NS	8.9 U	NS	NS	NS	NS	NS	NS	NS

TABLE A-1  
Data Summary Table for Soil

Sample Location: Sample Date: Unit: Start Depth (inches): End Depth (inches):	OTBS-32 7/25/2013 mg/kg	OTBS-32 7/25/2013 pg/g	OTBS-32 7/25/2013 ug/kg	PES5-3 12/28/1993 mg/kg	KF1-3 8/3/1993 mg/kg	KF2-3 7/8/1993 mg/kg	KF3-1 7/9/1993 mg/kg	KF4-4 7/8/1993 mg/kg	KF4-4 7/8/1993 ug/kg	KP11F-5 11/30/2000 mg/kg
	0	0	0	0	6	6	6	6	6	6
	6	6	6	6	12	12	12	12	12	12
gamma-BHC (Lindane)	NS	NS	6.1 JQ	0.029 U	0.0022 U	0.0033 U	0.013 U	NS	1.8 U	NS
gamma-Chlordane	NS	NS	100	NS	NS	NS	NS	NS	NS	
Heptachlor	NS	NS	31 U	0.029 U	0.0022 U	0.0033 U	0.013 U	NS	1.8 U	NS
Heptachlor Epoxide	NS	NS	280	0.029 U	0.0022 U	0.0033 U	0.013 U	NS	1.8 U	NS
Hexachlorobenzene	NS	NS	320 U	1.1 UJ	0.42 U	0.64 U	2.5 U	NS	350 U	NS
Hexachlorobutadiene	NS	NS	320 U	1.1 U	0.42 U	0.64 U	2.5 U	NS	350 U	NS
Hexachlorocyclopentadiene	NS	NS	320 U	1.1 U	0.42 UJ	0.64 U	2.5 U	NS	350 U	NS
Hexachloroethane	NS	NS	320 U	1.1 U	0.42 U	0.64 U	2.5 U	NS	350 U	NS
Indeno(1,2,3-cd)pyrene	NS	NS	360	0.17 J	0.052 J	0.64 U	2.5 U	NS	350 U	NS
Iron	16900	NS	NS	22000	16600 *	71300	18900	8110	NS	NS
Isophorone	NS	NS	320 U	1.1 U	0.42 U	0.64 U	2.5 U	NS	350 U	NS
Isopropylbenzene (Cumene)	NS	NS	8.9 UJ	NS	NS	NS	NS	NS	NS	NS
Lead	503	NS	NS	385	64.7	17.7	455	8	NS	NS
Magnesium	7480	NS	NS	7790	5150	2460	2980 B	954	NS	NS
Manganese	445	NS	NS	840	220 *	759	187	341	NS	NS
Mercury	3.3	NS	NS	1.6	0.14	0.3	2	0.05 B	NS	NS
Methoxychlor	NS	NS	22 JQ	0.29 U	0.022 U	0.033 U	0.13 U	NS	18 U	NS
Methyl isobutyl ketone (4-Methyl-2-pentanone)	NS	NS	8.9 UJ	0.018 UJ	0.013 U	0.02 U	0.071 U	NS	12 U	NS
Methyl tertiary butyl ether (MTBE)	NS	NS	8.9 U	NS	NS	NS	NS	NS	NS	NS
Methylene chloride (Dichloromethane) (a)	NS	NS	1.5 JQ (b)	0.004 J	0.013 U	0.02 U	0.071 U	NS	12 U	NS
Naphthalene	NS	NS	320 U	1.1 U	0.42 U	0.64 U	2.5 U	NS	350 U	NS
Nickel	42.9	NS	NS	97	19.2	13.2 B	36 B	5	NS	NS
Nitrobenzene	NS	NS	320 U	1.1 U	0.42 U	0.64 U	2.5 U	NS	350 U	NS
N-Nitrosodi-n-propylamine	NS	NS	320 U	1.1 U	0.42 UJ	0.64 U	2.5 U	NS	350 U	NS
N-Nitrosodiphenylamine	NS	NS	320 U	1.1 UJ	0.42 U	0.64 U	2.5 U	NS	350 U	NS
OCDD	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
OCDF	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Pentachlorophenol	NS	NS	610 U	2.8 U	1 U	1.6 U	6.1 U	NS	850 U	NS
Phenanthrene	NS	NS	130 JQ	0.23 J	0.1 J	0.64 U	2.5 U	NS	350 U	NS
Phenol	NS	NS	320 U	1.1 U	0.42 U	0.64 U	2.5 U	NS	350 U	NS
Potassium	509 JQ	NS	NS	949 B	224 B	286 U	806 U	204 B	NS	NS
Pyrene	NS	NS	380	0.45 J	0.13 J	0.64 U	0.25 J	NS	350 U	NS
Selenium	1 JQ	NS	NS	2.1	0.39 BJ	1.4 J	2.2 UJ	0.26 UJ	NS	NS
Silver	2.7	NS	NS	6.9	1.1 U	999 R	5.9 U	NS R	NS	NS
Sodium	144 JQ	NS	NS	141 B	196 U	362 U	1020 U	103 U	NS	NS
Styrene	NS	NS	8.9 U	0.018 UJ	0.013 U	0.02 U	0.071 U	NS	12 U	NS
Tetrachloroethene (PCE)	NS	NS	8.9 U	0.018 UJ	0.013 U	0.02 U	0.071 U	NS	12 U	NS
Thallium	2.7 U	NS	NS	0.31 U	0.43 U	0.64 U	3.8 U	0.45 U	NS	NS
Toluene (a)	NS	NS	0.9 JQ (b)	0.003 J	0.013 U	0.02 U	0.071 U	NS	2 J	NS
Toxaphene	NS	NS	310 U	2.9 U	0.22 U	0.33 U	1.3 U	NS	180 U	NS
trans-1,2-Dichloroethene	NS	NS	8.9 U	NS	NS	NS	NS	NS	NS	NS
trans-1,3-Dichloropropene	NS	NS	8.9 U	0.018 U	0.013 U	0.02 U	0.071 U	NS	12 U	NS
Trichloroethene (TCE)	NS	NS	8.9 U	0.018 U	0.013 U	0.02 U	0.071 U	NS	12 U	NS
Trichlorofluoromethane	NS	NS	8.9 U	NS	NS	NS	NS	NS	NS	NS



TABLE A-1  
Data Summary Table for Soil

Sample Location: Sample Date: Unit: Start Depth (inches): End Depth (inches):	OTBS-32 7/25/2013 mg/kg	OTBS-32 7/25/2013 pg/g	OTBS-32 7/25/2013 ug/kg	PES5-3 12/28/1993 mg/kg	KF1-3 8/3/1993 mg/kg	KF2-3 7/8/1993 mg/kg	KF3-1 7/9/1993 mg/kg	KF4-4 7/8/1993 mg/kg	KF4-4 7/8/1993 ug/kg	KP11F-5 11/30/2000 mg/kg
	0	0	0	0	6	6	6	6	6	6
	6	6	6	6	12	12	12	12	12	12
Vanadium	22.9	NS	NS	23.9	18.2	32.4	21.8 B	11.7	NS	NS
Vinyl Chloride	NS	NS	8.9 U	0.018 U	0.013 U	0.02 U	0.071 U	NS	12 U	NS
Xylenes, Total	NS	NS	8.9 U	0.018 UJ	0.013 U	0.02 U	0.071 U	NS	12 U	NS
Zinc	539	NS	NS	749	70.5	48.2	330	18.2	NS	NS

Notes:  
(a) Potential laboratory contaminant.  
(b) For potential lab contaminants: The detected value is  
J / B flagged and the result is less than the reporting  
limit; the sample is considered a non-detect.

TABLE A-1  
Data Summary Table for Soil

Sample Location: Sample Date: Unit: Start Depth (inches): End Depth (inches):	OCIFP-013	OCIFP-018	OCIFP-028	OCIFP-038	OCIFP-048	OCIFP-048	OCIFP-058	OCIFP-068	OCIFP-078	OCIFP-088
	10/19/2011	10/19/2011	10/19/2011	10/25/2011	10/12/2011	10/12/2011	10/12/2011	10/12/2011	10/13/2011	10/13/2011
	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	pg/g	mg/kg	mg/kg	mg/kg	mg/kg
	7	7	6	6	6	6	6	6	6	6
	12	13	11	10	12	12	12	12	12	12
1,1,1-Trichloroethane	0.0048 U	0.0068 U	0.013 U	0.021 U	0.026 U	NS	0.006 U	0.005 U	0.006 U	0.005 U
1,1,2,2-Tetrachloroethane	0.0048 UJ	0.0068 UJ	0.013 R	0.021 UJ	0.026 UJ	NS	0.006 U	0.005 U	0.006 U	0.005 U
1,1,2-Trichloroethane	0.0048 U	0.0068 U	0.013 UJ	0.021 U	0.026 UJ	NS	0.006 U	0.005 U	0.006 U	0.005 U
1,1-Dichloroethane	0.0048 U	0.0068 U	0.013 U	0.021 U	0.026 U	NS	0.006 U	0.005 U	0.006 U	0.005 U
1,1-Dichloroethene	0.0048 U	0.0068 U	0.013 U	0.021 U	0.026 U	NS	0.006 U	0.005 U	0.006 U	0.005 U
1,2,3,4,6,7,8,9-OCDD	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
1,2,3,4,6,7,8,9-OCDF	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
1,2,3,4,6,7,8-HpCDD	NS	NS	NS	NS	NS	9100	NS	NS	NS	NS
1,2,3,4,6,7,8-HpCDF	NS	NS	NS	NS	NS	1900	NS	NS	NS	NS
1,2,3,4,7,8,9-HpCDF	NS	NS	NS	NS	NS	91 J	NS	NS	NS	NS
1,2,3,4,7,8-HxCDD	NS	NS	NS	NS	NS	51 J	NS	NS	NS	NS
1,2,3,4,7,8-HxCDF	NS	NS	NS	NS	NS	97 J	NS	NS	NS	NS
1,2,3,6,7,8-HxCDD	NS	NS	NS	NS	NS	310	NS	NS	NS	NS
1,2,3,6,7,8-HxCDF	NS	NS	NS	NS	NS	220 UX	NS	NS	NS	NS
1,2,3,7,8,9-HxCDD	NS	NS	NS	NS	NS	180 J	NS	NS	NS	NS
1,2,3,7,8,9-HxCDF	NS	NS	NS	NS	NS	17 J	NS	NS	NS	NS
1,2,3,7,8-PeCDD	NS	NS	NS	NS	NS	220 UX	NS	NS	NS	NS
1,2,3,7,8-PeCDF	NS	NS	NS	NS	NS	31 J	NS	NS	NS	NS
1,2,3-Trichlorobenzene	0.0048 UJ	0.0068 UJ	0.013 R	0.021 UJ	0.026 UJ	NS	0.006 U	0.005 U	0.006 U	0.005 U
1,2,4,5-Tetrachlorobenzene	NS	NS	NS	NS	1.5 U	NS	NS	NS	NS	NS
1,2,4-Trichlorobenzene	0.0048 UJ	0.0068 UJ	0.013 R	0.021 UJ	0.026 UJ	NS	0.006 U	0.005 U	0.006 U	0.005 U
1,2-Dibromo-3-Chloropropane	0.0048 UJ	0.0068 UJ	0.013 R	0.021 UJ	0.026 UJ	NS	0.006 U	0.005 U	0.006 U	0.005 U
1,2-Dibromoethane (Ethylene dibromide)	0.0048 U	0.0068 U	0.013 UJ	0.021 U	0.026 UJ	NS	0.006 U	0.005 U	0.006 U	0.005 U
1,2-Dichlorobenzene	0.0048 UJ	0.0068 UJ	0.013 R	0.021 UJ	0.026 UJ	NS	0.006 U	0.005 U	0.006 U	0.005 U
1,2-Dichloroethane	0.0048 U	0.0068 U	0.013 U	0.021 U	0.026 U	NS	0.006 U	0.005 U	0.006 U	0.005 U
1,2-Dichloroethene (Total)	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
1,2-Dichloropropane	0.0048 U	0.0068 U	0.013 U	0.021 U	0.026 U	NS	0.006 U	0.005 U	0.006 U	0.005 U
1,3-Dichlorobenzene	0.0048 UJ	0.0068 UJ	0.013 R	0.021 UJ	0.026 UJ	NS	0.006 U	0.005 U	0.006 U	0.005 U
1,4-Dichlorobenzene	0.0048 UJ	0.0068 UJ	0.013 R	0.021 UJ	0.026 UJ	NS	0.006 U	0.005 U	0.006 U	0.005 U
2,3,4,6,7,8-HxCDF	NS	NS	NS	NS	NS	29 J	NS	NS	NS	NS
2,3,4,7,8-PeCDF	NS	NS	NS	NS	NS	32 J	NS	NS	NS	NS
2,3,7,8-TCDD	NS	NS	NS	NS	NS	28 J	NS	NS	NS	NS
2,3,7,8-TCDF	NS	NS	NS	NS	NS	110 J	NS	NS	NS	NS
2,4,5-Trichlorophenol	NS	NS	NS	NS	3.9 U	NS	NS	NS	NS	NS
2,4,6-Trichlorophenol	NS	NS	NS	NS	1.5 U	NS	NS	NS	NS	NS
2,4-Dichlorophenol	NS	NS	NS	NS	1.5 U	NS	NS	NS	NS	NS
2,4-Dimethylphenol	NS	NS	NS	NS	1.5 U	NS	NS	NS	NS	NS
2,4-Dinitrophenol	NS	NS	NS	NS	3.9 U	NS	NS	NS	NS	NS
2,4-Dinitrotoluene	NS	NS	NS	NS	1.5 U	NS	NS	NS	NS	NS
2,6-Dinitrotoluene	NS	NS	NS	NS	1.5 U	NS	NS	NS	NS	NS
2-Butanone (Methyl ethyl ketone) (a)	0.0048 U	0.039 J	0.27 J	0.11 J	0.093	NS	0.006 U	0.005 U	0.006 U	0.005 U
2-Chloronaphthalene	NS	NS	NS	NS	1.5 U	NS	NS	NS	NS	NS
2-Chlorophenol	NS	NS	NS	NS	1.5 U	NS	NS	NS	NS	NS
2-Hexanone	0.0048 U	0.0068 U	0.013 UJ	0.021 U	0.026 UJ	NS	0.006 U	0.005 U	0.006 U	0.005 U

TABLE A-1  
Data Summary Table for Soil

Sample Location: Sample Date: Unit: Start Depth (inches): End Depth (inches):	OCIFP-013 10/19/2011 mg/kg	OCIFP-018 10/19/2011 mg/kg	OCIFP-028 10/19/2011 mg/kg	OCIFP-038 10/25/2011 mg/kg	OCIFP-048 10/12/2011 mg/kg	OCIFP-048 10/12/2011 pg/g	OCIFP-058 10/12/2011 mg/kg	OCIFP-068 10/12/2011 mg/kg	OCIFP-078 10/13/2011 mg/kg	OCIFP-088 10/13/2011 mg/kg
	7	7	6	6	6	6	6	6	6	6
	12	13	11	10	12	12	12	12	12	12
2-Methylnaphthalene	NS	NS	NS	NS	1.5 U	NS	NS	NS	NS	NS
2-Methylphenol (o-Cresol)	NS	NS	NS	NS	1.5 U	NS	NS	NS	NS	NS
2-Nitroaniline	NS	NS	NS	NS	3.9 U	NS	NS	NS	NS	NS
2-Nitrophenol	NS	NS	NS	NS	1.5 U	NS	NS	NS	NS	NS
3,3'-Dichlorobenzidine	NS	NS	NS	NS	1.5 U	NS	NS	NS	NS	NS
3+4-Methylphenol (m,p-Cresol)	NS	NS	NS	NS	3.1 U	NS	NS	NS	NS	NS
3-Nitroaniline	NS	NS	NS	NS	3.9 U	NS	NS	NS	NS	NS
4,4'-DDD	NS	NS	NS	NS	0.0051 J	NS	NS	NS	NS	NS
4,4'-DDE	NS	NS	NS	NS	0.021	NS	NS	NS	NS	NS
4,4'-DDT	NS	NS	NS	NS	0.016 U	NS	NS	NS	NS	NS
4,6-Dinitro-2-Methylphenol	NS	NS	NS	NS	3.9 U	NS	NS	NS	NS	NS
4-Bromophenyl phenyl ether	NS	NS	NS	NS	1.5 U	NS	NS	NS	NS	NS
4-Chloro-3-Methylphenol	NS	NS	NS	NS	1.5 U	NS	NS	NS	NS	NS
4-Chloroaniline	NS	NS	NS	NS	1.5 U	NS	NS	NS	NS	NS
4-Chlorophenyl phenyl ether	NS	NS	NS	NS	1.5 U	NS	NS	NS	NS	NS
4-Methylphenol (p-Cresol)	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
4-Nitroaniline	NS	NS	NS	NS	3.9 U	NS	NS	NS	NS	NS
4-Nitrophenol	NS	NS	NS	NS	3.9 U	NS	NS	NS	NS	NS
Acenaphthene	NS	NS	NS	NS	1.5 U	NS	NS	NS	NS	NS
Acenaphthylene	NS	NS	NS	NS	1.5 U	NS	NS	NS	NS	NS
Acetone (a)	0.0048 U	0.14 J	1.1 J	0.43 J	0.41 J	NS	0.006 U	0.005 U	0.006 U	0.005 U
Acetophenone	NS	NS	NS	NS	1.5 U	NS	NS	NS	NS	NS
Aldrin	NS	NS	NS	NS	0.008 U	NS	NS	NS	NS	NS
alpha-BHC	NS	NS	NS	NS	0.0011 J	NS	NS	NS	NS	NS
alpha-Chlordane	NS	NS	NS	NS	0.0027 J	NS	NS	NS	NS	NS
Aluminum	NS	NS	NS	NS	14000	NS	NS	NS	NS	NS
Anthracene	NS	NS	NS	NS	1.5 U	NS	NS	NS	NS	NS
Antimony	NS	NS	NS	NS	20 U	NS	NS	NS	NS	NS
Arsenic	NS	NS	NS	NS	22.1	NS	NS	NS	NS	NS
Atrazine	NS	NS	NS	NS	1.5 U	NS	NS	NS	NS	NS
Barium	NS	NS	NS	NS	386 J	NS	NS	NS	NS	NS
Benzaldehyde	NS	NS	NS	NS	0.18	NS	NS	NS	NS	NS
Benzene	0.0048 U	0.0068 U	0.013 U	0.021 U	0.026 U	NS	0.006 U	0.005 U	0.006 U	0.005 U
Benzo(a)anthracene	NS	NS	NS	NS	0.29	NS	NS	NS	NS	NS
Benzo(a)pyrene	NS	NS	NS	NS	1.5 U	NS	NS	NS	NS	NS
Benzo(b)fluoranthene	NS	NS	NS	NS	0.35	NS	NS	NS	NS	NS
Benzo(g,h,i)perylene	NS	NS	NS	NS	0.21	NS	NS	NS	NS	NS
Benzo(k)fluoranthene	NS	NS	NS	NS	0.37	NS	NS	NS	NS	NS
Beryllium	NS	NS	NS	NS	0.92 J	NS	NS	NS	NS	NS
beta-BHC	NS	NS	NS	NS	0.008 U	NS	NS	NS	NS	NS
beta-Chlordane	NS	NS	NS	NS	0.008 U	NS	NS	NS	NS	NS
bis(2-Chloroethoxy)methane	NS	NS	NS	NS	1.5 U	NS	NS	NS	NS	NS
bis(2-Chloroethyl)ether	NS	NS	NS	NS	1.5 U	NS	NS	NS	NS	NS
bis(2-Chloroisopropyl)ether	NS	NS	NS	NS	1.5 U	NS	NS	NS	NS	NS

TABLE A-1  
Data Summary Table for Soil

Sample Location: Sample Date: Unit: Start Depth (inches): End Depth (inches):	OCIFP-013	OCIFP-018	OCIFP-028	OCIFP-038	OCIFP-048	OCIFP-048	OCIFP-058	OCIFP-068	OCIFP-078	OCIFP-088
	10/19/2011	10/19/2011	10/19/2011	10/25/2011	10/12/2011	10/12/2011	10/12/2011	10/12/2011	10/13/2011	10/13/2011
	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	pg/g	mg/kg	mg/kg	mg/kg	mg/kg
	7	7	6	6	6	6	6	6	6	6
	12	13	11	10	12	12	12	12	12	12
bis(2-Ethylhexyl)phthalate (b)	NS	NS	NS	NS	0.19	NS	NS	NS	NS	NS
Bromodichloromethane (Dichlorobromomethane)	0.0048 U	0.0068 U	0.013 U	0.021 U	0.026 U	NS	0.006 U	0.005 U	0.006 U	0.005 U
Bromoform (Tribromomethane)	0.0048 U	0.0068 U	0.013 UJ	0.021 U	0.026 UJ	NS	0.006 U	0.005 U	0.006 U	0.005 U
Bromomethane (Methyl bromide)	0.0048 U	0.0068 UJ	0.013 UJ	0.021 U	0.026 UJ	NS	0.006 UJ	0.005 UJ	0.006 U	0.005 UJ
Butyl benzyl phthalate (b)	NS	NS	NS	NS	1.5 U	NS	NS	NS	NS	NS
Cadmium	NS	NS	NS	NS	9.1	NS	NS	NS	NS	NS
Calcium	NS	NS	NS	NS	100000 J	NS	NS	NS	NS	NS
Caprolactam	NS	NS	NS	NS	1.5 U	NS	NS	NS	NS	NS
Carbazole	NS	NS	NS	NS	1.5 U	NS	NS	NS	NS	NS
Carbon disulfide (a)	0.0048 U	0.0068 U	0.013 U	0.021 U	0.025 J (b)	NS	0.006 U	0.005 U	0.006 U	0.005 U
Carbon tetrachloride	0.0048 U	0.0068 U	0.013 U	0.021 U	0.026 U	NS	0.006 U	0.005 U	0.006 U	0.005 U
Chlordane (technical)	NS	NS	NS	NS	0.08 U	NS	NS	NS	NS	NS
Chlorobenzene	0.0048 U	0.0068 U	0.013 UJ	0.021 U	0.026 UJ	NS	0.006 U	0.005 U	0.006 U	0.005 U
Chlorobromomethane (Bromochloromethane)	0.0048 U	0.0068 U	0.013 U	0.021 U	0.026 U	NS	0.006 U	0.005 U	0.006 U	0.005 U
Chlorodibromomethane (Dibromochloromethane)	0.0048 U	0.0068 U	0.013 UJ	0.021 U	0.026 UJ	NS	0.006 U	0.005 U	0.006 U	0.005 U
Chloroethane	0.0048 U	0.0068 U	0.013 U	0.021 U	0.026 U	NS	0.006 U	0.005 U	0.006 U	0.005 U
Chloroform	0.0048 U	0.0068 U	0.013 U	0.021 U	0.026 U	NS	0.006 U	0.005 U	0.006 U	0.005 U
Chloromethane (Methyl chloride)	0.0048 U	0.0068 U	0.013 U	0.021 U	0.026 U	NS	0.006 U	0.005 U	0.006 U	0.005 U
Chromium	NS	NS	NS	NS	232 J	NS	NS	NS	NS	NS
Chrysene	NS	NS	NS	NS	0.44	NS	NS	NS	NS	NS
cis-1,2-Dichloroethene	0.0048 U	0.0068 U	0.013 U	0.021 U	0.026 U	NS	0.006 U	0.005 U	0.006 U	0.005 U
cis-1,3-Dichloropropene	0.0048 U	0.0068 U	0.013 U	0.021 U	0.026 U	NS	0.006 U	0.005 U	0.006 U	0.005 U
Cobalt	NS	NS	NS	NS	16.3 J	NS	NS	NS	NS	NS
Copper	NS	NS	NS	NS	267	NS	NS	NS	NS	NS
Cyanide	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
delta-BHC	NS	NS	NS	NS	0.008 U	NS	NS	NS	NS	NS
Dibenzo(a,h)anthracene	NS	NS	NS	NS	1.5 U	NS	NS	NS	NS	NS
Dibenzofuran	NS	NS	NS	NS	1.5 U	NS	NS	NS	NS	NS
Dichlorodifluoromethane	0.0048 U	0.0068 U	0.013 U	0.021 U	0.026 U	NS	0.006 U	0.005 U	0.006 U	0.005 U
Dieldrin	NS	NS	NS	NS	0.016 U	NS	NS	NS	NS	NS
Diethyl phthalate (b)	NS	NS	NS	NS	1.5 U	NS	NS	NS	NS	NS
Dimethyl phthalate	NS	NS	NS	NS	1.5 U	NS	NS	NS	NS	NS
Di-n-butyl phthalate (b)	NS	NS	NS	NS	1.5 U	NS	NS	NS	NS	NS
Di-n-octyl phthalate	NS	NS	NS	NS	1.5 U	NS	NS	NS	NS	NS
Endosulfan I	NS	NS	NS	NS	0.008 U	NS	NS	NS	NS	NS
Endosulfan II	NS	NS	NS	NS	0.016 U	NS	NS	NS	NS	NS
Endosulfan sulfate	NS	NS	NS	NS	0.016 U	NS	NS	NS	NS	NS
Endrin	NS	NS	NS	NS	0.016 U	NS	NS	NS	NS	NS
Endrin aldehyde	NS	NS	NS	NS	0.016 U	NS	NS	NS	NS	NS
Endrin ketone	NS	NS	NS	NS	0.016 U	NS	NS	NS	NS	NS
Ethylbenzene	0.0048 U	0.0068 U	0.013 UJ	0.021 U	0.026 UJ	NS	0.006 U	0.005 U	0.006 U	0.005 U
Fluoranthene	NS	NS	NS	NS	0.4	NS	NS	NS	NS	NS
Fluorene	NS	NS	NS	NS	1.5 U	NS	NS	NS	NS	NS
Freon-113 (1,1,2-trichloro-1,2,2-trifluoroethane)	0.0048 U	0.0068 U	0.013 U	0.021 U	0.026 U	NS	0.006 U	0.005 U	0.006 U	0.005 U

TABLE A-1  
Data Summary Table for Soil

Sample Location: Sample Date: Unit: Start Depth (inches): End Depth (inches):	OCIFP-013 10/19/2011 mg/kg	OCIFP-018 10/19/2011 mg/kg	OCIFP-028 10/19/2011 mg/kg	OCIFP-038 10/25/2011 mg/kg	OCIFP-048 10/12/2011 mg/kg	OCIFP-048 10/12/2011 pg/g	OCIFP-058 10/12/2011 mg/kg	OCIFP-068 10/12/2011 mg/kg	OCIFP-078 10/13/2011 mg/kg	OCIFP-088 10/13/2011 mg/kg
	7	7	6	6	6	6	6	6	6	6
	12	13	11	10	12	12	12	12	12	12
gamma-BHC (Lindane)	NS	NS	NS	NS	0.008 U	NS	NS	NS	NS	NS
gamma-Chlordane	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Heptachlor	NS	NS	NS	NS	0.0097 J	NS	NS	NS	NS	NS
Heptachlor Epoxide	NS	NS	NS	NS	0.008 U	NS	NS	NS	NS	NS
Hexachlorobenzene	NS	NS	NS	NS	1.5 U	NS	NS	NS	NS	NS
Hexachlorobutadiene	NS	NS	NS	NS	1.5 U	NS	NS	NS	NS	NS
Hexachlorocyclopentadiene	NS	NS	NS	NS	1.5 U	NS	NS	NS	NS	NS
Hexachloroethane	NS	NS	NS	NS	1.5 U	NS	NS	NS	NS	NS
Indeno(1,2,3-cd)pyrene	NS	NS	NS	NS	1.5 U	NS	NS	NS	NS	NS
Iron	NS	NS	NS	NS	19300 J	NS	NS	NS	NS	NS
Isophorone	NS	NS	NS	NS	1.5 U	NS	NS	NS	NS	NS
Isopropylbenzene (Cumene)	0.0048 UJ	0.0068 UJ	0.013 R	0.021 UJ	0.026 UJ	NS	0.006 U	0.005 U	0.006 U	0.005 U
Lead	NS	NS	NS	NS	782	NS	NS	NS	NS	NS
Magnesium	NS	NS	NS	NS	7940	NS	NS	NS	NS	NS
Manganese	NS	NS	NS	NS	433 J	NS	NS	NS	NS	NS
Mercury	0.053	0.083	0.22	4.5	2.8	NS	0.35	0.035	0.093	0.11
Methoxychlor	NS	NS	NS	NS	0.08 U	NS	NS	NS	NS	NS
Methyl isobutyl ketone (4-Methyl-2-pentanone)	0.0048 U	0.0068 U	0.013 U	0.021 U	0.026 U	NS	0.006 U	0.005 U	0.006 U	0.005 U
Methyl tertiary butyl ether (MTBE)	0.0048 U	0.0068 U	0.013 U	0.021 U	0.026 U	NS	0.006 U	0.005 U	0.006 U	0.005 U
Methylene chloride (Dichloromethane) (a)	0.0048 UB	0.0068 U	0.013 U	0.0031 J (b)	0.026 U	NS	0.006 U	0.005 U	0.006 U	0.005 U
Naphthalene	NS	NS	NS	NS	1.5 U	NS	NS	NS	NS	NS
Nickel	NS	NS	NS	NS	64.3 J	NS	NS	NS	NS	NS
Nitrobenzene	NS	NS	NS	NS	1.5 U	NS	NS	NS	NS	NS
N-Nitrosodi-n-propylamine	NS	NS	NS	NS	1.5 U	NS	NS	NS	NS	NS
N-Nitrosodiphenylamine	NS	NS	NS	NS	1.8 U	NS	NS	NS	NS	NS
OCDD	NS	NS	NS	NS	NS	75000	NS	NS	NS	NS
OCDF	NS	NS	NS	NS	NS	1800	NS	NS	NS	NS
Pentachlorophenol	NS	NS	NS	NS	3.9 U	NS	NS	NS	NS	NS
Phenanthrene	NS	NS	NS	NS	0.24	NS	NS	NS	NS	NS
Phenol	NS	NS	NS	NS	1.5 U	NS	NS	NS	NS	NS
Potassium	NS	NS	NS	NS	660 J	NS	NS	NS	NS	NS
Pyrene	NS	NS	NS	NS	0.55	NS	NS	NS	NS	NS
Selenium	NS	NS	NS	NS	5.3 J	NS	NS	NS	NS	NS
Silver	NS	NS	NS	NS	3.1 J	NS	NS	NS	NS	NS
Sodium	NS	NS	NS	NS	300 J	NS	NS	NS	NS	NS
Styrene	0.0048 U	0.0068 U	0.013 UJ	0.021 U	0.026 UJ	NS	0.006 U	0.005 U	0.006 U	0.005 U
Tetrachloroethene (PCE)	0.0048 U	0.0068 U	0.013 UJ	0.021 U	0.026 UJ	NS	0.006 U	0.005 U	0.006 U	0.005 U
Thallium	NS	NS	NS	NS	8.3 U	NS	NS	NS	NS	NS
Toluene (a)	0.00033 J (b)	0.0012 J (b0	0.0026 J (b)	0.0015 J (b)	0.026 UBJ	NS	0.006 U	0.005 U	0.006 UB	0.005 U
Toxaphene	NS	NS	NS	NS	0.8 U	NS	NS	NS	NS	NS
trans-1,2-Dichloroethene	0.0048 U	0.0068 U	0.013 U	0.021 U	0.026 U	NS	0.006 U	0.005 U	0.006 U	0.005 U
trans-1,3-Dichloropropene	0.0048 U	0.0068 U	0.013 UJ	0.021 U	0.026 UJ	NS	0.006 U	0.005 U	0.006 U	0.005 U
Trichloroethene (TCE)	0.0048 U	0.0068 U	0.013 U	0.021 U	0.026 U	NS	0.006 U	0.005 U	0.006 U	0.005 U
Trichlorofluoromethane	0.0048 U	0.0068 U	0.013 U	0.021 U	0.026 U	NS	0.006 U	0.005 U	0.006 U	0.005 U

TABLE A-1  
Data Summary Table for Soil

Sample Location: Sample Date: Unit: Start Depth (inches): End Depth (inches):	OCIFP-013 10/19/2011 mg/kg	OCIFP-018 10/19/2011 mg/kg	OCIFP-028 10/19/2011 mg/kg	OCIFP-038 10/25/2011 mg/kg	OCIFP-048 10/12/2011 mg/kg	OCIFP-048 10/12/2011 pg/g	OCIFP-058 10/12/2011 mg/kg	OCIFP-068 10/12/2011 mg/kg	OCIFP-078 10/13/2011 mg/kg	OCIFP-088 10/13/2011 mg/kg
	7	7	6	6	6	6	6	6	6	6
	12	13	11	10	12	12	12	12	12	12
Vanadium	NS	NS	NS	NS	23.2	NS	NS	NS	NS	NS
Vinyl Chloride	0.0048 U	0.0068 U	0.013 U	0.021 U	0.026 U	NS	0.006 U	0.005 U	0.006 U	0.005 U
Xylenes, Total	0.0048 U	0.0068 U	0.013 UJ	0.021 U	0.0047 J	NS	0.006 U	0.005 U	0.006 U	0.005 U
Zinc	NS	NS	NS	NS	661 J	NS	NS	NS	NS	NS

Notes:  
(a) Potential laboratory contaminant.  
(b) For potential lab contaminants: The detected value is  
J / B flagged and the result is less than the reporting  
limit; the sample is considered a non-detect.

**TABLE A-1**  
**Data Summary Table for Soil**

Sample Location: Sample Date: Unit: Start Depth (inches): End Depth (inches):	OCIFP-098 10/14/2011 mg/kg 6 15	OCIFP-102 10/14/2011 mg/kg 6 12	OCIFP-120 10/25/2011 mg/kg 7 14	OCIFP-120 10/25/2011 pg/g 7 14	OCTBN-003 10/19/2011 mg/kg 6 11	OCTBN-011 10/26/2011 mg/kg 7 12	OCTBN-021 10/26/2011 mg/kg 6 12	OCTBN-031 10/26/2011 mg/kg 7 13	OCTBS-002 10/11/2011 mg/kg 6 12	OCTBS-002 10/11/2011 pg/g 6 12
1,1,1-Trichloroethane	0.005 U	0.0061 U	0.005 U	NS	0.015 U	0.0078 U	0.014 U	0.0052 U	NS	NS
1,1,2,2-Tetrachloroethane	0.005 UJ	0.0061 U	0.005 UJ	NS	0.015 UJ	0.0078 U	0.014 UJ	0.0052 U	NS	NS
1,1,2-Trichloroethane	0.005 UJ	0.0061 U	0.005 U	NS	0.015 UJ	0.0078 U	0.014 U	0.0052 U	NS	NS
1,1-Dichloroethane	0.005 U	0.0061 U	0.005 U	NS	0.015 U	0.0078 U	0.014 U	0.0052 U	NS	NS
1,1-Dichloroethene	0.005 U	0.0061 U	0.005 U	NS	0.015 U	0.0078 U	0.014 U	0.0052 U	NS	NS
1,2,3,4,6,7,8,9-OCDD	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
1,2,3,4,6,7,8,9-OCDF	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
1,2,3,4,6,7,8-HpCDD	NS	NS	NS	54	NS	NS	NS	NS	NS	27000
1,2,3,4,6,7,8-HpCDF	NS	NS	NS	15	NS	NS	NS	NS	NS	5300
1,2,3,4,7,8,9-HpCDF	NS	NS	NS	5.9 UX	NS	NS	NS	NS	NS	200
1,2,3,4,7,8-HxCDD	NS	NS	NS	0.34 J	NS	NS	NS	NS	NS	98 UX
1,2,3,4,7,8-HxCDF	NS	NS	NS	0.54 J	NS	NS	NS	NS	NS	98 UX
1,2,3,6,7,8-HxCDD	NS	NS	NS	1.8 J	NS	NS	NS	NS	NS	700
1,2,3,6,7,8-HxCDF	NS	NS	NS	5.9 UX	NS	NS	NS	NS	NS	98 UX
1,2,3,7,8,9-HxCDD	NS	NS	NS	0.83 J	NS	NS	NS	NS	NS	310
1,2,3,7,8,9-HxCDF	NS	NS	NS	5.9 U	NS	NS	NS	NS	NS	9.7 J
1,2,3,7,8-PeCDD	NS	NS	NS	5.9 UX	NS	NS	NS	NS	NS	98 UX
1,2,3,7,8-PeCDF	NS	NS	NS	5.9 U	NS	NS	NS	NS	NS	98 UX
1,2,3-Trichlorobenzene	0.005 UJ	0.0061 U	0.005 UBJ	NS	0.015 UJ	0.0078 UB	0.014 UBJ	0.0052 UB	NS	NS
1,2,4,5-Tetrachlorobenzene	NS	NS	0.41 U	NS	NS	NS	NS	NS	0.66 U	NS
1,2,4-Trichlorobenzene	0.005 UJ	0.0061 U	0.005 UBJ	NS	0.015 UJ	0.0078 UB	0.014 UBJ	0.0052 UB	NS	NS
1,2-Dibromo-3-Chloropropane	0.005 UJ	0.0061 U	0.005 UJ	NS	0.015 UJ	0.0078 U	0.014 UJ	0.0052 U	NS	NS
1,2-Dibromoethane (Ethylene dibromide)	0.005 UJ	0.0061 U	0.005 U	NS	0.015 UJ	0.0078 U	0.014 U	0.0052 U	NS	NS
1,2-Dichlorobenzene	0.005 UJ	0.0061 U	0.005 UJ	NS	0.015 UJ	0.0078 U	0.014 UJ	0.0052 U	NS	NS
1,2-Dichloroethane	0.005 U	0.0061 U	0.005 U	NS	0.015 U	0.0078 U	0.014 U	0.0052 U	NS	NS
1,2-Dichloroethene (Total)	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
1,2-Dichloropropane	0.005 U	0.0061 U	0.005 U	NS	0.015 U	0.0078 U	0.014 U	0.0052 U	NS	NS
1,3-Dichlorobenzene	0.005 UJ	0.0061 U	0.005 UJ	NS	0.015 UJ	0.0078 U	0.014 UJ	0.0052 U	NS	NS
1,4-Dichlorobenzene	0.005 UJ	0.0061 U	0.005 UJ	NS	0.015 UJ	0.0078 U	0.014 UJ	0.0052 U	NS	NS
2,3,4,6,7,8-HxCDF	NS	NS	NS	0.19 J	NS	NS	NS	NS	NS	55 J
2,3,4,7,8-PeCDF	NS	NS	NS	5.9 U	NS	NS	NS	NS	NS	40 J
2,3,7,8-TCDD	NS	NS	NS	1.2 U	NS	NS	NS	NS	NS	81 UX
2,3,7,8-TCDF	NS	NS	NS	1.2 UX	NS	NS	NS	NS	NS	270 J
2,4,5-Trichlorophenol	NS	NS	1 U	NS	NS	NS	NS	NS	1.7 U	NS
2,4,6-Trichlorophenol	NS	NS	0.41 U	NS	NS	NS	NS	NS	0.66 U	NS
2,4-Dichlorophenol	NS	NS	0.41 U	NS	NS	NS	NS	NS	0.66 U	NS
2,4-Dimethylphenol	NS	NS	0.41 U	NS	NS	NS	NS	NS	0.66 U	NS
2,4-Dinitrophenol	NS	NS	1 U	NS	NS	NS	NS	NS	1.7 U	NS
2,4-Dinitrotoluene	NS	NS	0.41 U	NS	NS	NS	NS	NS	0.66 U	NS
2,6-Dinitrotoluene	NS	NS	0.41 U	NS	NS	NS	NS	NS	0.66 U	NS
2-Butanone (Methyl ethyl ketone) (a)	0.005 U	0.0061 U	0.005 UJ	NS	0.13 J	0.0078 UJ	0.014 U	0.0052 U	NS	NS
2-Chloronaphthalene	NS	NS	0.41 U	NS	NS	NS	NS	NS	0.66 U	NS
2-Chlorophenol	NS	NS	0.41 U	NS	NS	NS	NS	NS	0.66 U	NS
2-Hexanone	0.005 UJ	0.0061 U	0.005 U	NS	0.015 UJ	0.0078 U	0.014 U	0.0052 U	NS	NS

TABLE A-1  
Data Summary Table for Soil

Sample Location: Sample Date: Unit: Start Depth (inches): End Depth (inches):	OCIFP-098	OCIFP-102	OCIFP-120	OCIFP-120	OCTBN-003	OCTBN-011	OCTBN-021	OCTBN-031	OCTBS-002	OCTBS-002
	10/14/2011	10/14/2011	10/25/2011	10/25/2011	10/19/2011	10/26/2011	10/26/2011	10/26/2011	10/11/2011	10/11/2011
	mg/kg	mg/kg	mg/kg	pg/g	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	pg/g
	6	6	7	7	6	7	6	7	6	6
	15	12	14	14	11	12	12	13	12	12
	2-Methylnaphthalene	NS	NS	0.41 U	NS	NS	NS	NS	NS	0.036
	2-Methylphenol (o-Cresol)	NS	NS	0.41 U	NS	NS	NS	NS	NS	0.66 U
	2-Nitroaniline	NS	NS	1 U	NS	NS	NS	NS	NS	1.7 U
2-Nitrophenol	NS	NS	0.41 U	NS	NS	NS	NS	NS	NS	0.66 U
3,3'-Dichlorobenzidine	NS	NS	0.41 U	NS	NS	NS	NS	NS	NS	0.66 U
3+4-Methylphenol (m,p-Cresol)	NS	NS	0.82 U	NS	NS	NS	NS	NS	NS	1.3 U
3-Nitroaniline	NS	NS	1 U	NS	NS	NS	NS	NS	NS	1.7 U
4,4'-DDD	NS	NS	0.0041 U	NS	NS	NS	NS	NS	NS	0.065 U
4,4'-DDE	NS	NS	0.0015 J	NS	NS	NS	NS	NS	NS	0.063 J
4,4'-DDT	NS	NS	0.0041 U	NS	NS	NS	NS	NS	NS	0.065 U
4,6-Dinitro-2-Methylphenol	NS	NS	1 U	NS	NS	NS	NS	NS	NS	1.7 U
4-Bromophenyl phenyl ether	NS	NS	0.41 U	NS	NS	NS	NS	NS	NS	0.66 U
4-Chloro-3-Methylphenol	NS	NS	0.41 U	NS	NS	NS	NS	NS	NS	0.66 U
4-Chloroaniline	NS	NS	0.41 U	NS	NS	NS	NS	NS	NS	0.66 U
4-Chlorophenyl phenyl ether	NS	NS	0.41 U	NS	NS	NS	NS	NS	NS	0.66 U
4-Methylphenol (p-Cresol)	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
4-Nitroaniline	NS	NS	1 U	NS	NS	NS	NS	NS	NS	1.7 U
4-Nitrophenol	NS	NS	1 U	NS	NS	NS	NS	NS	NS	1.7 U
Acenaphthene	NS	NS	0.41 U	NS	NS	NS	NS	NS	NS	0.66 U
Acenaphthylene	NS	NS	0.41 U	NS	NS	NS	NS	NS	NS	0.66 U
Acetone (a)	0.006 UB	0.0061 U	0.0061 UB	NS	0.5 J	0.03 UBJ	0.037	0.0052 U	NS	NS
Acetophenone	NS	NS	0.41 U	NS	NS	NS	NS	NS	NS	0.66 U
Aldrin	NS	NS	0.0021 U	NS	NS	NS	NS	NS	NS	0.034 U
alpha-BHC	NS	NS	0.0021 U	NS	NS	NS	NS	NS	NS	0.034 U
alpha-Chlordane	NS	NS	0.00029 J	NS	NS	NS	NS	NS	NS	0.011 J
Aluminum	NS	NS	3200	NS	NS	NS	NS	NS	NS	17600
Anthracene	NS	NS	0.41 U	NS	NS	NS	NS	NS	NS	0.66 U
Antimony	NS	NS	6.2 U	NS	NS	NS	NS	NS	NS	8.1 U
Arsenic	NS	NS	5	NS	NS	NS	NS	NS	NS	16.1
Atrazine	NS	NS	0.41 U	NS	NS	NS	NS	NS	NS	0.66 U
Barium	NS	NS	38.9 J	NS	NS	NS	NS	NS	NS	581 J
Benzaldehyde	NS	NS	0.022	NS	NS	NS	NS	NS	NS	0.062
Benzene	0.005 U	0.0061 U	0.005 U	NS	0.015 U	0.0078 U	0.014 U	0.0052 U	NS	NS
Benzo(a)anthracene	NS	NS	0.036	NS	NS	NS	NS	NS	NS	0.12
Benzo(a)pyrene	NS	NS	0.41 U	NS	NS	NS	NS	NS	NS	0.66 U
Benzo(b)fluoranthene	NS	NS	0.034	NS	NS	NS	NS	NS	NS	0.15
Benzo(g,h,i)perylene	NS	NS	0.031	NS	NS	NS	NS	NS	NS	0.12
Benzo(k)fluoranthene	NS	NS	0.048	NS	NS	NS	NS	NS	NS	0.18
Beryllium	NS	NS	0.2 J	NS	NS	NS	NS	NS	NS	0.99
beta-BHC	NS	NS	0.0021 U	NS	NS	NS	NS	NS	NS	0.034 U
beta-Chlordane	NS	NS	0.0021 U	NS	NS	NS	NS	NS	NS	0.034 U
bis(2-Chloroethoxy)methane	NS	NS	0.41 U	NS	NS	NS	NS	NS	NS	0.66 U
bis(2-Chloroethyl)ether	NS	NS	0.41 U	NS	NS	NS	NS	NS	NS	0.66 U
bis(2-Chloroisopropyl)ether	NS	NS	0.41 U	NS	NS	NS	NS	NS	NS	0.66 U



**TABLE A-1**  
**Data Summary Table for Soil**

Sample Location: Sample Date: Unit: Start Depth (inches): End Depth (inches):	OCIFP-098 10/14/2011 mg/kg 6 15	OCIFP-102 10/14/2011 mg/kg 6 12	OCIFP-120 10/25/2011 mg/kg 7 14	OCIFP-120 10/25/2011 pg/g 7 14	OCTBN-003 10/19/2011 mg/kg 6 11	OCTBN-011 10/26/2011 mg/kg 7 12	OCTBN-021 10/26/2011 mg/kg 6 12	OCTBN-031 10/26/2011 mg/kg 7 13	OCTBS-002 10/11/2011 mg/kg 6 12	OCTBS-002 10/11/2011 pg/g 6 12
bis(2-Ethylhexyl)phthalate (b)	NS	NS	0.033	NS	NS	NS	NS	NS	0.13	NS
Bromodichloromethane (Dichlorobromomethane)	0.005 U	0.0061 U	0.005 U	NS	0.015 U	0.0078 U	0.014 U	0.0052 U	NS	NS
Bromoform (Tribromomethane)	0.005 UJ	0.0061 U	0.005 U	NS	0.015 UJ	0.0078 U	0.014 U	0.0052 U	NS	NS
Bromomethane (Methyl bromide)	0.005 UJ	0.0061 UJ	0.005 U	NS	0.015 UJ	0.0078 UJ	0.014 UJ	0.0052 UJ	NS	NS
Butyl benzyl phthalate (b)	NS	NS	0.41 U	NS	NS	NS	NS	NS	0.66 U	NS
Cadmium	NS	NS	0.13 J	NS	NS	NS	NS	NS	8.6	NS
Calcium	NS	NS	1810 J	NS	NS	NS	NS	NS	8860 J	NS
Caprolactam	NS	NS	0.41 U	NS	NS	NS	NS	NS	0.66 U	NS
Carbazole	NS	NS	0.41 U	NS	NS	NS	NS	NS	0.66 U	NS
Carbon disulfide (a)	0.005 U	0.0061 U	0.005 U	NS	0.0042 J (b)	0.0078 U	0.014 U	0.0052 U	NS	NS
Carbon tetrachloride	0.005 U	0.0061 U	0.005 U	NS	0.015 U	0.0078 U	0.014 U	0.0052 U	NS	NS
Chlordane (technical)	NS	NS	0.021 U	NS	NS	NS	NS	NS	0.34 U	NS
Chlorobenzene	0.005 UJ	0.0061 U	0.005 U	NS	0.015 UJ	0.0078 U	0.014 U	0.0052 U	NS	NS
Chlorobromomethane (Bromochloromethane)	0.005 U	0.0061 U	0.005 U	NS	0.015 U	0.0078 U	0.014 U	0.0052 U	NS	NS
Chlorodibromomethane (Dibromochloromethane)	0.005 UJ	0.0061 U	0.005 U	NS	0.015 UJ	0.0078 U	0.014 U	0.0052 U	NS	NS
Chloroethane	0.005 U	0.0061 U	0.005 U	NS	0.015 U	0.0078 U	0.014 U	0.0052 U	NS	NS
Chloroform	0.005 U	0.0061 U	0.005 U	NS	0.015 U	0.0078 U	0.014 U	0.0052 U	NS	NS
Chloromethane (Methyl chloride)	0.005 U	0.0061 U	0.005 U	NS	0.015 U	0.0078 U	0.014 U	0.0052 U	NS	NS
Chromium	NS	NS	8.5 J	NS	NS	NS	NS	NS	347 J	NS
Chrysene	NS	NS	0.049	NS	NS	NS	NS	NS	0.2	NS
cis-1,2-Dichloroethene	0.005 U	0.0061 U	0.005 U	NS	0.015 U	0.0078 U	0.014 U	0.0052 U	NS	NS
cis-1,3-Dichloropropene	0.005 U	0.0061 U	0.005 U	NS	0.015 U	0.0078 U	0.014 U	0.0052 U	NS	NS
Cobalt	NS	NS	2.7 J	NS	NS	NS	NS	NS	11.6 J	NS
Copper	NS	NS	7.6	NS	NS	NS	NS	NS	390	NS
Cyanide	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
delta-BHC	NS	NS	0.0021 U	NS	NS	NS	NS	NS	0.034 U	NS
Dibenzo(a,h)anthracene	NS	NS	0.41 U	NS	NS	NS	NS	NS	0.66 U	NS
Dibenzofuran	NS	NS	0.41 U	NS	NS	NS	NS	NS	0.66 U	NS
Dichlorodifluoromethane	0.005 U	0.0061 U	0.005 U	NS	0.015 U	0.0078 U	0.014 U	0.0052 U	NS	NS
Dieldrin	NS	NS	0.0041 U	NS	NS	NS	NS	NS	0.069 JN	NS
Diethyl phthalate (b)	NS	NS	0.41 U	NS	NS	NS	NS	NS	0.66 U	NS
Dimethyl phthalate	NS	NS	0.41 U	NS	NS	NS	NS	NS	0.66 U	NS
Di-n-butyl phthalate (b)	NS	NS	0.41 U	NS	NS	NS	NS	NS	0.048	NS
Di-n-octyl phthalate	NS	NS	0.41 U	NS	NS	NS	NS	NS	0.66 U	NS
Endosulfan I	NS	NS	0.0021 U	NS	NS	NS	NS	NS	0.034 U	NS
Endosulfan II	NS	NS	0.0041 U	NS	NS	NS	NS	NS	0.065 U	NS
Endosulfan sulfate	NS	NS	0.0041 U	NS	NS	NS	NS	NS	0.065 U	NS
Endrin	NS	NS	0.0041 U	NS	NS	NS	NS	NS	0.065 U	NS
Endrin aldehyde	NS	NS	0.0041 U	NS	NS	NS	NS	NS	0.065 U	NS
Endrin ketone	NS	NS	0.0041 U	NS	NS	NS	NS	NS	0.065 U	NS
Ethylbenzene	0.005 UJ	0.0061 U	0.005 U	NS	0.015 UJ	0.0078 U	0.014 U	0.0052 U	NS	NS
Fluoranthene	NS	NS	0.048	NS	NS	NS	NS	NS	0.16	NS
Fluorene	NS	NS	0.41 U	NS	NS	NS	NS	NS	0.66 U	NS
Freon-113 (1,1,2-trichloro-1,2,2-trifluoroethane)	0.005 U	0.0061 U	0.005 U	NS	0.015 U	0.0078 U	0.014 U	0.0052 U	NS	NS

TABLE A-1  
Data Summary Table for Soil

Sample Location: Sample Date: Unit: Start Depth (inches): End Depth (inches):	OCIFP-098	OCIFP-102	OCIFP-120	OCIFP-120	OCTBN-003	OCTBN-011	OCTBN-021	OCTBN-031	OCTBS-002	OCTBS-002
	10/14/2011	10/14/2011	10/25/2011	10/25/2011	10/19/2011	10/26/2011	10/26/2011	10/26/2011	10/11/2011	10/11/2011
	mg/kg	mg/kg	mg/kg	pg/g	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	pg/g
	6	6	7	7	6	7	6	7	6	6
	15	12	14	14	11	12	12	13	12	12
	gamma-BHC (Lindane)	NS	NS	0.0021 U	NS	NS	NS	NS	NS	0.034 U
	gamma-Chlordane	NS	NS	NS	NS	NS	NS	NS	NS	NS
	Heptachlor	NS	NS	0.0021 U	NS	NS	NS	NS	NS	0.0099 J
Heptachlor Epoxide	NS	NS	0.0021 U	NS	NS	NS	NS	NS	NS	0.034 JN
Hexachlorobenzene	NS	NS	0.41 U	NS	NS	NS	NS	NS	NS	0.66 U
Hexachlorobutadiene	NS	NS	0.41 U	NS	NS	NS	NS	NS	NS	0.66 U
Hexachlorocyclopentadiene	NS	NS	0.41 U	NS	NS	NS	NS	NS	NS	0.66 U
Hexachloroethane	NS	NS	0.41 U	NS	NS	NS	NS	NS	NS	0.66 U
Indeno(1,2,3-cd)pyrene	NS	NS	0.41 U	NS	NS	NS	NS	NS	NS	0.66 U
Iron	NS	NS	7380 J	NS	NS	NS	NS	NS	NS	14900 J
Isophorone	NS	NS	0.41 U	NS	NS	NS	NS	NS	NS	0.66 U
Isopropylbenzene (Cumene)	0.005 UJ	0.0061 U	0.005 UJ	NS	0.015 UJ	0.0078 U	0.014 UJ	0.0052 U	NS	NS
Lead	NS	NS	13.6	NS	NS	NS	NS	NS	NS	1110
Magnesium	NS	NS	1110	NS	NS	NS	NS	NS	NS	3430
Manganese	NS	NS	70.6 J	NS	NS	NS	NS	NS	NS	172 J
Mercury	0.26	0.078	0.081	NS	4	0.14 J	0.7	0.22	5.3	NS
Methoxychlor	NS	NS	0.021 U	NS	NS	NS	NS	NS	NS	0.34 U
Methyl isobutyl ketone (4-Methyl-2-pentanone)	0.005 U	0.0061 U	0.005 U	NS	0.015 U	0.0078 U	0.014 U	0.0052 U	NS	NS
Methyl tertiary butyl ether (MTBE)	0.005 U	0.0061 U	0.005 U	NS	0.015 U	0.0078 U	0.014 U	0.0052 U	NS	NS
Methylene chloride (Dichloromethane) (a)	0.005 UB	0.0046 J (b)	0.0014 J (b)	NS	0.015 UB	0.0016 J (b)	0.014 U	0.0019 J (b)	NS	NS
Naphthalene	NS	NS	0.41 U	NS	NS	NS	NS	NS	NS	0.66 U
Nickel	NS	NS	5 J	NS	NS	NS	NS	NS	NS	66.1 J
Nitrobenzene	NS	NS	0.41 U	NS	NS	NS	NS	NS	NS	0.66 U
N-Nitrosodi-n-propylamine	NS	NS	0.41 U	NS	NS	NS	NS	NS	NS	0.66 U
N-Nitrosodiphenylamine	NS	NS	0.48 U	NS	NS	NS	NS	NS	NS	0.77 U
OCDD	NS	NS	NS	410	NS	NS	NS	NS	NS	270000 EJ
OCDF	NS	NS	NS	13	NS	NS	NS	NS	NS	7200
Pentachlorophenol	NS	NS	1 U	NS	NS	NS	NS	NS	NS	1.7 U
Phenanthrene	NS	NS	0.025	NS	NS	NS	NS	NS	NS	0.093
Phenol	NS	NS	0.41 U	NS	NS	NS	NS	NS	NS	0.66 U
Potassium	NS	NS	171 J	NS	NS	NS	NS	NS	NS	525 J
Pyrene	NS	NS	0.066	NS	NS	NS	NS	NS	NS	0.24
Selenium	NS	NS	3.6 U	NS	NS	NS	NS	NS	NS	3 J
Silver	NS	NS	1 U	NS	NS	NS	NS	NS	NS	4.3
Sodium	NS	NS	27.1 J	NS	NS	NS	NS	NS	NS	210 J
Styrene	0.005 UJ	0.0061 U	0.005 U	NS	0.015 UJ	0.0078 U	0.014 U	0.0052 U	NS	NS
Tetrachloroethene (PCE)	0.005 UJ	0.0061 U	0.005 U	NS	0.015 UJ	0.0078 U	0.014 U	0.0052 U	NS	NS
Thallium	NS	NS	2.6 U	NS	NS	NS	NS	NS	NS	3.4 U
Toluene (a)	0.005 UJ	0.0061 U	0.00021 J (b)	NS	0.0018 J (b)	0.00041 J (b)	0.00038 J (b)	0.0052 U	NS	NS
Toxaphene	NS	NS	0.21 U	NS	NS	NS	NS	NS	NS	3.4 U
trans-1,2-Dichloroethene	0.005 U	0.0061 U	0.005 U	NS	0.015 U	0.0078 U	0.014 U	0.0052 U	NS	NS
trans-1,3-Dichloropropene	0.005 UJ	0.0061 U	0.005 U	NS	0.015 UJ	0.0078 U	0.014 U	0.0052 U	NS	NS
Trichloroethene (TCE)	0.005 U	0.0061 U	0.005 U	NS	0.015 U	0.0078 U	0.014 U	0.0052 U	NS	NS
Trichlorofluoromethane	0.005 U	0.0061 U	0.005 U	NS	0.015 U	0.0078 U	0.014 U	0.0052 U	NS	NS

TABLE A-1  
Data Summary Table for Soil

Sample Location: Sample Date: Unit: Start Depth (inches): End Depth (inches):	OCIFP-098 10/14/2011 mg/kg 6 15	OCIFP-102 10/14/2011 mg/kg 6 12	OCIFP-120 10/25/2011 mg/kg 7 14	OCIFP-120 10/25/2011 pg/g 7 14	OCTBN-003 10/19/2011 mg/kg 6 11	OCTBN-011 10/26/2011 mg/kg 7 12	OCTBN-021 10/26/2011 mg/kg 6 12	OCTBN-031 10/26/2011 mg/kg 7 13	OCTBS-002 10/11/2011 mg/kg 6 12	OCTBS-002 10/11/2011 pg/g 6 12
Vanadium	NS	NS	9.2	NS	NS	NS	NS	NS	24.3	NS
Vinyl Chloride	0.005 U	0.0061 U	0.005 U	NS	0.015 U	0.0078 U	0.014 U	0.0052 U	NS	NS
Xylenes, Total	0.005 UJ	0.0061 U	0.005 U	NS	0.015 UJ	0.0078 U	0.014 U	0.0052 U	NS	NS
Zinc	NS	NS	24.9 J	NS	NS	NS	NS	NS	693 J	NS

Notes:  
(a) Potential laboratory contaminant.  
(b) For potential lab contaminants: The detected value is J / B flagged and the result is less than the reporting limit; the sample is considered a non-detect.

**TABLE A-1**  
**Data Summary Table for Soil**

Sample Location: Sample Date: Unit: Start Depth (inches): End Depth (inches):	OCTBS-007 10/21/2011 mg/kg	OCTBS-017 10/26/2011 mg/kg	OCTBS-027 10/25/2011 mg/kg	OES6-5 2/16/1994 mg/kg	OES6-5 2/16/1994 ug/kg	PES5-3 12/28/1993 mg/kg	OCIFP-013 10/19/2011 mg/kg	OCIFP-013 10/19/2011 mg/kg	OCIFP-013 10/19/2011 mg/kg
	6	5	6	6	6	6	12	21	36
	12	12	10	18	18	18	21	36	43
1,1,1-Trichloroethane	0.011 U	0.008 U	0.0056 U	NS	20 U	0.018 U	0.0048 U	0.0047 U	0.0049 U
1,1,2,2-Tetrachloroethane	0.011 U	0.008 U	0.0056 U	NS	20 U	0.018 UJ	0.0048 U	0.0047 U	0.0049 U
1,1,2-Trichloroethane	0.011 U	0.008 U	0.0056 U	NS	20 U	0.018 U	0.0048 U	0.0047 U	0.0049 U
1,1-Dichloroethane	0.011 U	0.008 U	0.0056 U	NS	20 U	0.018 U	0.0048 U	0.0047 U	0.0049 U
1,1-Dichloroethene	0.011 U	0.008 U	0.0056 U	NS	20 U	0.018 U	0.0048 U	0.0047 U	0.0049 U
1,2,3,4,6,7,8,9-OCDD	NS	NS	NS	NS	NS	NS	NS	NS	NS
1,2,3,4,6,7,8,9-OCDF	NS	NS	NS	NS	NS	NS	NS	NS	NS
1,2,3,4,6,7,8-HpCDD	NS	NS	NS	NS	NS	NS	NS	NS	NS
1,2,3,4,6,7,8-HpCDF	NS	NS	NS	NS	NS	NS	NS	NS	NS
1,2,3,4,7,8,9-HpCDF	NS	NS	NS	NS	NS	NS	NS	NS	NS
1,2,3,4,7,8-HxCDD	NS	NS	NS	NS	NS	NS	NS	NS	NS
1,2,3,4,7,8-HxCDF	NS	NS	NS	NS	NS	NS	NS	NS	NS
1,2,3,6,7,8-HxCDD	NS	NS	NS	NS	NS	NS	NS	NS	NS
1,2,3,6,7,8-HxCDF	NS	NS	NS	NS	NS	NS	NS	NS	NS
1,2,3,7,8,9-HxCDD	NS	NS	NS	NS	NS	NS	NS	NS	NS
1,2,3,7,8,9-HxCDF	NS	NS	NS	NS	NS	NS	NS	NS	NS
1,2,3,7,8-PeCDD	NS	NS	NS	NS	NS	NS	NS	NS	NS
1,2,3,7,8-PeCDF	NS	NS	NS	NS	NS	NS	NS	NS	NS
1,2,3-Trichlorobenzene	0.011 UB	0.008 U	0.0056 U	NS	NS	NS	0.0048 UB	0.0047 U	0.0049 U
1,2,4,5-Tetrachlorobenzene	NS	NS	NS	NS	NS	NS	NS	NS	NS
1,2,4-Trichlorobenzene	0.011 U	0.008 U	0.0056 U	NS	700 U	1.2 U	0.0048 UB	0.0047 UJ	0.0049 U
1,2-Dibromo-3-Chloropropane	0.011 U	0.008 U	0.0056 U	NS	NS	NS	0.0048 U	0.0047 U	0.0049 U
1,2-Dibromoethane (Ethylene dibromide)	0.011 U	0.008 U	0.0056 U	NS	NS	NS	0.0048 U	0.0047 U	0.0049 U
1,2-Dichlorobenzene	0.011 U	0.008 U	0.0056 U	NS	700 U	1.2 U	0.0048 U	0.0047 U	0.0049 U
1,2-Dichloroethane	0.011 U	0.008 U	0.0056 U	NS	20 U	0.018 U	0.0048 U	0.0047 U	0.0049 U
1,2-Dichloroethene (Total)	NS	NS	NS	NS	20 U	0.018 U	NS	NS	NS
1,2-Dichloropropane	0.011 U	0.008 U	0.0056 U	NS	20 U	0.018 U	0.0048 U	0.0047 U	0.0049 U
1,3-Dichlorobenzene	0.011 U	0.008 U	0.0056 U	NS	700 U	1.2 U	0.0048 U	0.0047 U	0.0049 U
1,4-Dichlorobenzene	0.011 U	0.008 U	0.0056 U	NS	700 U	1.2 U	0.0048 U	0.0047 U	0.0049 U
2,3,4,6,7,8-HxCDF	NS	NS	NS	NS	NS	NS	NS	NS	NS
2,3,4,7,8-PeCDF	NS	NS	NS	NS	NS	NS	NS	NS	NS
2,3,7,8-TCDD	NS	NS	NS	NS	NS	NS	NS	NS	NS
2,3,7,8-TCDF	NS	NS	NS	NS	NS	NS	NS	NS	NS
2,4,5-Trichlorophenol	NS	NS	NS	NS	1700 U	2.8 U	NS	NS	NS
2,4,6-Trichlorophenol	NS	NS	NS	NS	700 U	1.2 U	NS	NS	NS
2,4-Dichlorophenol	NS	NS	NS	NS	700 U	1.2 U	NS	NS	NS
2,4-Dimethylphenol	NS	NS	NS	NS	700 U	1.2 U	NS	NS	NS
2,4-Dinitrophenol	NS	NS	NS	NS	1700 U	2.8 U	NS	NS	NS
2,4-Dinitrotoluene	NS	NS	NS	NS	700 U	1.2 U	NS	NS	NS
2,6-Dinitrotoluene	NS	NS	NS	NS	700 U	1.2 U	NS	NS	NS
2-Butanone (Methyl ethyl ketone) (a)	0.011 UJ	0.008 U	0.0056 U	NS	20 U	0.018 UJ	0.0048 U	0.0047 U	0.0049 U
2-Chloronaphthalene	NS	NS	NS	NS	700 U	1.2 U	NS	NS	NS
2-Chlorophenol	NS	NS	NS	NS	700 U	1.2 U	NS	NS	NS
2-Hexanone	0.011 U	0.008 U	0.0056 U	NS	20 U	0.018 UJ	0.0048 U	0.0047 U	0.0049 U

**TABLE A-1**  
**Data Summary Table for Soil**

Sample Location: Sample Date: Unit: Start Depth (inches): End Depth (inches):	OCTBS-007 10/21/2011 mg/kg	OCTBS-017 10/26/2011 mg/kg	OCTBS-027 10/25/2011 mg/kg	OES6-5 2/16/1994 mg/kg	OES6-5 2/16/1994 ug/kg	PES5-3 12/28/1993 mg/kg	OCIFP-013 10/19/2011 mg/kg	OCIFP-013 10/19/2011 mg/kg	OCIFP-013 10/19/2011 mg/kg
	6	5	6	6	6	6	12	21	36
	12	12	10	18	18	18	21	36	43
2-Methylnaphthalene	NS	NS	NS	NS	700 U	1.2 U	NS	NS	NS
2-Methylphenol (o-Cresol)	NS	NS	NS	NS	700 U	1.2 U	NS	NS	NS
2-Nitroaniline	NS	NS	NS	NS	1700 U	2.8 U	NS	NS	NS
2-Nitrophenol	NS	NS	NS	NS	700 U	1.2 U	NS	NS	NS
3,3'-Dichlorobenzidine	NS	NS	NS	NS	700 U	1.2 U	NS	NS	NS
3+4-Methylphenol (m,p-Cresol)	NS	NS	NS	NS	NS	NS	NS	NS	NS
3-Nitroaniline	NS	NS	NS	NS	1700 U	2.8 U	NS	NS	NS
4,4'-DDD	NS	NS	NS	NS	70 U	0.058 U	NS	NS	NS
4,4'-DDE	NS	NS	NS	NS	40 J	0.19	NS	NS	NS
4,4'-DDT	NS	NS	NS	NS	70 U	0.058 UJ	NS	NS	NS
4,6-Dinitro-2-Methylphenol	NS	NS	NS	NS	1700 U	2.8 U	NS	NS	NS
4-Bromophenyl phenyl ether	NS	NS	NS	NS	700 U	1.2 U	NS	NS	NS
4-Chloro-3-Methylphenol	NS	NS	NS	NS	700 U	1.2 U	NS	NS	NS
4-Chloroaniline	NS	NS	NS	NS	700 U	1.2 U	NS	NS	NS
4-Chlorophenyl phenyl ether	NS	NS	NS	NS	700 U	1.2 U	NS	NS	NS
4-Methylphenol (p-Cresol)	NS	NS	NS	NS	700 U	1.2 U	NS	NS	NS
4-Nitroaniline	NS	NS	NS	NS	1700 U	2.8 U	NS	NS	NS
4-Nitrophenol	NS	NS	NS	NS	1700 U	2.8 U	NS	NS	NS
Acenaphthene	NS	NS	NS	NS	700 U	1.2 U	NS	NS	NS
Acenaphthylene	NS	NS	NS	NS	700 U	1.2 U	NS	NS	NS
Acetone (a)	0.011 U	0.008 U	0.0056 UB	NS	20 U	0.018 UJ	0.003 J (b)	0.0039 J (b)	0.014 J
Acetophenone	NS	NS	NS	NS	NS	NS	NS	NS	NS
Aldrin	NS	NS	NS	NS	220	0.44	NS	NS	NS
alpha-BHC	NS	NS	NS	NS	36 U	0.03 U	NS	NS	NS
alpha-Chlordane	NS	NS	NS	NS	NS R	0.03 U	NS	NS	NS
Aluminum	NS	NS	NS	13100	NS	21200	NS	NS	NS
Anthracene	NS	NS	NS	NS	700 U	1.2 U	NS	NS	NS
Antimony	NS	NS	NS	8.5 U	NS	6.9 UJ	NS	NS	NS
Arsenic	NS	NS	NS	12	NS	22.5	NS	NS	NS
Atrazine	NS	NS	NS	NS	NS	NS	NS	NS	NS
Barium	NS	NS	NS	319	NS	377	NS	NS	NS
Benzaldehyde	NS	NS	NS	NS	NS	NS	NS	NS	NS
Benzene	0.011 U	0.008 U	0.0056 U	NS	20 U	0.018 U	0.0048 U	0.0047 U	0.0049 U
Benzo(a)anthracene	NS	NS	NS	NS	75 J	0.13 J	NS	NS	NS
Benzo(a)pyrene	NS	NS	NS	NS	98 J	0.14 J	NS	NS	NS
Benzo(b)fluoranthene	NS	NS	NS	NS	110 J	0.22 J	NS	NS	NS
Benzo(g,h,i)perylene	NS	NS	NS	NS	92 J	1.2 U	NS	NS	NS
Benzo(k)fluoranthene	NS	NS	NS	NS	72 J	1.2 U	NS	NS	NS
Beryllium	NS	NS	NS	0.55 B	NS	0.82 B	NS	NS	NS
beta-BHC	NS	NS	NS	NS	NS R	0.999 R	NS	NS	NS
beta-Chlordane	NS	NS	NS	NS	NS R	0.042 JN	NS	NS	NS
bis(2-Chloroethoxy)methane	NS	NS	NS	NS	700 U	1.2 U	NS	NS	NS
bis(2-Chloroethyl)ether	NS	NS	NS	NS	700 U	1.2 U	NS	NS	NS
bis(2-Chloroisopropyl)ether	NS	NS	NS	NS	700 UJ	1.2 U	NS	NS	NS

**TABLE A-1**  
**Data Summary Table for Soil**

Sample Location: Sample Date: Unit: Start Depth (inches): End Depth (inches):	OCTBS-007 10/21/2011 mg/kg	OCTBS-017 10/26/2011 mg/kg	OCTBS-027 10/25/2011 mg/kg	OES6-5 2/16/1994 mg/kg	OES6-5 2/16/1994 ug/kg	PES5-3 12/28/1993 mg/kg	OCIFP-013 10/19/2011 mg/kg	OCIFP-013 10/19/2011 mg/kg	OCIFP-013 10/19/2011 mg/kg
	6	5	6	6	6	6	12	21	36
	12	12	10	18	18	18	21	36	43
bis(2-Ethylhexyl)phthalate (b)	NS	NS	NS	NS	370 J	1.2 U	NS	NS	NS
Bromodichloromethane (Dichlorobromomethane)	0.011 U	0.008 U	0.0056 U	NS	20 U	0.018 U	0.0048 U	0.0047 U	0.0049 U
Bromoform (Tribromomethane)	0.011 U	0.008 U	0.0056 U	NS	20 U	0.018 U	0.0048 U	0.0047 U	0.0049 U
Bromomethane (Methyl bromide)	0.011 U	0.008 UJ	0.0056 U	NS	20 UJ	0.018 U	0.0048 U	0.0047 UJ	0.0049 U
Butyl benzyl phthalate (b)	NS	NS	NS	NS	700 U	0.15 J	NS	NS	NS
Cadmium	NS	NS	NS	4	NS	8.3	NS	NS	NS
Calcium	NS	NS	NS	16800	NS	27900	NS	NS	NS
Caprolactam	NS	NS	NS	NS	NS	NS	NS	NS	NS
Carbazole	NS	NS	NS	NS	700 U	1.2 U	NS	NS	NS
Carbon disulfide (a)	0.011 U	0.008 U	0.0056 U	NS	20 U	0.018 U	0.0048 U	0.0047 U	0.0049 U
Carbon tetrachloride	0.011 U	0.008 U	0.0056 U	NS	20 U	0.018 U	0.0048 U	0.0047 U	0.0049 U
Chlordane (technical)	NS	NS	NS	NS	NS	NS	NS	NS	NS
Chlorobenzene	0.011 U	0.008 U	0.0056 U	NS	20 U	0.018 UJ	0.0048 U	0.0047 U	0.0049 U
Chlorobromomethane (Bromochloromethane)	0.011 U	0.008 U	0.0056 U	NS	NS	NS	0.0048 U	0.0047 U	0.0049 U
Chlorodibromomethane (Dibromochloromethane)	0.011 U	0.008 U	0.0056 U	NS	20 U	0.018 U	0.0048 U	0.0047 U	0.0049 U
Chloroethane	0.011 U	0.008 U	0.0056 U	NS	20 U	0.018 UJ	0.0048 U	0.0047 U	0.0049 U
Chloroform	0.011 U	0.008 U	0.0056 U	NS	20 U	0.018 U	0.0048 U	0.0047 U	0.0049 U
Chloromethane (Methyl chloride)	0.011 U	0.008 U	0.0056 U	NS	20 UJ	0.018 U	0.0048 U	0.0047 U	0.0049 U
Chromium	NS	NS	NS	173	NS	449	NS	NS	NS
Chrysene	NS	NS	NS	NS	120 J	0.21 J	NS	NS	NS
cis-1,2-Dichloroethene	0.011 U	0.008 U	0.0056 U	NS	NS	NS	0.0048 U	0.0047 U	0.0049 U
cis-1,3-Dichloropropene	0.011 U	0.008 U	0.0056 U	NS	20 U	0.018 U	0.0048 U	0.0047 U	0.0049 U
Cobalt	NS	NS	NS	8.9 B	NS	8.8 B	NS	NS	NS
Copper	NS	NS	NS	145	NS	370	NS	NS	NS
Cyanide	NS	NS	NS	0.99 U	NS	0.86 U	NS	NS	NS
delta-BHC	NS	NS	NS	NS	36 U	0.03 U	NS	NS	NS
Dibenzo(a,h)anthracene	NS	NS	NS	NS	700 U	1.2 U	NS	NS	NS
Dibenzofuran	NS	NS	NS	NS	700 U	1.2 U	NS	NS	NS
Dichlorodifluoromethane	0.011 U	0.008 U	0.0056 U	NS	NS	NS	0.0048 U	0.0047 U	0.0049 U
Dieldrin	NS	NS	NS	NS	70 U	0.999 R	NS	NS	NS
Diethyl phthalate (b)	NS	NS	NS	NS	700 U	1.2 U	NS	NS	NS
Dimethyl phthalate	NS	NS	NS	NS	700 U	1.2 U	NS	NS	NS
Di-n-butyl phthalate (b)	NS	NS	NS	NS	700 U	0.28 J	NS	NS	NS
Di-n-octyl phthalate	NS	NS	NS	NS	700 UJ	1.2 U	NS	NS	NS
Endosulfan I	NS	NS	NS	NS	36 U	0.03 U	NS	NS	NS
Endosulfan II	NS	NS	NS	NS	70 U	0.058 U	NS	NS	NS
Endosulfan sulfate	NS	NS	NS	NS	70 U	0.058 U	NS	NS	NS
Endrin	NS	NS	NS	NS	70 U	0.058 U	NS	NS	NS
Endrin aldehyde	NS	NS	NS	NS	70 U	0.058 U	NS	NS	NS
Endrin ketone	NS	NS	NS	NS	70 U	0.058 U	NS	NS	NS
Ethylbenzene	0.011 U	0.008 U	0.0056 U	NS	20 U	0.018 UJ	0.0048 U	0.0047 U	0.0049 U
Fluoranthene	NS	NS	NS	NS	140 J	0.22 J	NS	NS	NS
Fluorene	NS	NS	NS	NS	700 U	1.2 U	NS	NS	NS
Freon-113 (1,1,2-trichloro-1,2,2-trifluoroethane)	0.011 U	0.008 U	0.0056 U	NS	NS	NS	0.0048 U	0.0047 U	0.0049 U

**TABLE A-1**  
**Data Summary Table for Soil**

Sample Location: Sample Date: Unit: Start Depth (inches): End Depth (inches):	OCTBS-007 10/21/2011 mg/kg	OCTBS-017 10/26/2011 mg/kg	OCTBS-027 10/25/2011 mg/kg	OES6-5 2/16/1994 mg/kg	OES6-5 2/16/1994 ug/kg	PES5-3 12/28/1993 mg/kg	OCIFP-013 10/19/2011 mg/kg	OCIFP-013 10/19/2011 mg/kg	OCIFP-013 10/19/2011 mg/kg
	6	5	6	6	6	6	12	21	36
	12	12	10	18	18	18	21	36	43
gamma-BHC (Lindane)	NS	NS	NS	NS	36 U	0.03 U	NS	NS	NS
gamma-Chlordane	NS	NS	NS	NS	NS	NS	NS	NS	NS
Heptachlor	NS	NS	NS	NS	36 U	0.03 U	NS	NS	NS
Heptachlor Epoxide	NS	NS	NS	NS	36 U	0.03 U	NS	NS	NS
Hexachlorobenzene	NS	NS	NS	NS	700 U	1.2 UJ	NS	NS	NS
Hexachlorobutadiene	NS	NS	NS	NS	700 U	1.2 U	NS	NS	NS
Hexachlorocyclopentadiene	NS	NS	NS	NS	700 U	1.2 U	NS	NS	NS
Hexachloroethane	NS	NS	NS	NS	700 U	1.2 U	NS	NS	NS
Indeno(1,2,3-cd)pyrene	NS	NS	NS	NS	86 J	1.2 U	NS	NS	NS
Iron	NS	NS	NS	21000	NS	20800	NS	NS	NS
Isophorone	NS	NS	NS	NS	700 U	1.2 U	NS	NS	NS
Isopropylbenzene (Cumene)	0.011 U	0.008 U	0.0056 U	NS	NS	NS	0.0048 U	0.0047 U	0.0049 U
Lead	NS	NS	NS	288 J	NS	520	NS	NS	NS
Magnesium	NS	NS	NS	6910	NS	8810	NS	NS	NS
Manganese	NS	NS	NS	803	NS	449	NS	NS	NS
Mercury	0.27	0.54 J	0.11	2.3	NS	2.3	0.013	0.049	0.009
Methoxychlor	NS	NS	NS	NS	360 U	0.3 U	NS	NS	NS
Methyl isobutyl ketone (4-Methyl-2-pentanone)	0.011 U	0.008 U	0.0056 U	NS	20 U	0.018 UJ	0.0048 U	0.0047 U	0.0049 U
Methyl tertiary butyl ether (MTBE)	0.011 U	0.008 U	0.0056 U	NS	NS	NS	0.0048 U	0.0047 U	0.0049 U
Methylene chloride (Dichloromethane) (a)	0.011 U	0.008 U	0.0056 U	NS	20 U	0.006 J	0.0048 UB	0.0047 UB	0.0039 J (b)
Naphthalene	NS	NS	NS	NS	700 U	1.2 U	NS	NS	NS
Nickel	NS	NS	NS	35.5	NS	95.3	NS	NS	NS
Nitrobenzene	NS	NS	NS	NS	700 U	1.2 U	NS	NS	NS
N-Nitrosodi-n-propylamine	NS	NS	NS	NS	700 U	1.2 U	NS	NS	NS
N-Nitrosodiphenylamine	NS	NS	NS	NS	700 U	1.2 UJ	NS	NS	NS
OCDD	NS	NS	NS	NS	NS	NS	NS	NS	NS
OCDF	NS	NS	NS	NS	NS	NS	NS	NS	NS
Pentachlorophenol	NS	NS	NS	NS	1700 U	2.8 U	NS	NS	NS
Phenanthrene	NS	NS	NS	NS	62 J	0.13 J	NS	NS	NS
Phenol	NS	NS	NS	NS	700 U	1.2 U	NS	NS	NS
Potassium	NS	NS	NS	637 B	NS	660 B	NS	NS	NS
Pyrene	NS	NS	NS	NS	120 J	0.23 J	NS	NS	NS
Selenium	NS	NS	NS	0.73 BJW	NS	2	NS	NS	NS
Silver	NS	NS	NS	1.7 U	NS	7	NS	NS	NS
Sodium	NS	NS	NS	107 B	NS	174 B	NS	NS	NS
Styrene	0.011 U	0.008 U	0.0056 U	NS	20 U	0.018 UJ	0.0048 U	0.0047 U	0.0049 U
Tetrachloroethene (PCE)	0.011 U	0.008 U	0.0056 U	NS	20 U	0.018 UJ	0.0048 U	0.0047 U	0.0049 U
Thallium	NS	NS	NS	0.49 U	NS	0.5 B	NS	NS	NS
Toluene (a)	0.011 U	0.008 U	0.00022 J (b)	NS	20 U	0.004 J	0.00053 J (b)	0.00057 J (b)	0.00051 J (b)
Toxaphene	NS	NS	NS	NS	3600 U	3 U	NS	NS	NS
trans-1,2-Dichloroethene	0.011 U	0.008 U	0.0056 U	NS	NS	NS	0.0048 U	0.0047 U	0.0049 U
trans-1,3-Dichloropropene	0.011 U	0.008 U	0.0056 U	NS	20 U	0.018 U	0.0048 U	0.0047 U	0.0049 U
Trichloroethene (TCE)	0.011 U	0.008 U	0.0056 U	NS	20 U	0.018 U	0.0048 U	0.0047 UJ	0.0049 U
Trichlorofluoromethane	0.011 U	0.008 U	0.0056 U	NS	NS	NS	0.0048 U	0.0047 U	0.0049 U

TABLE A-1  
Data Summary Table for Soil

Sample Location: Sample Date: Unit: Start Depth (inches): End Depth (inches):	OCTBS-007 10/21/2011 mg/kg	OCTBS-017 10/26/2011 mg/kg	OCTBS-027 10/25/2011 mg/kg	OES6-5 2/16/1994 mg/kg	OES6-5 2/16/1994 ug/kg	PES5-3 12/28/1993 mg/kg	OCIFP-013 10/19/2011 mg/kg	OCIFP-013 10/19/2011 mg/kg	OCIFP-013 10/19/2011 mg/kg
	6	5	6	6	6	6	12	21	36
	12	12	10	18	18	18	21	36	43
Vanadium	NS	NS	NS	23.5	NS	29.3	NS	NS	NS
Vinyl Chloride	0.011 U	0.008 U	0.0056 U	NS	20 U	0.018 U	0.0048 U	0.0047 U	0.0049 U
Xylenes, Total	0.011 U	0.008 U	0.0056 U	NS	20 U	0.018 UJ	0.0048 U	0.0047 U	0.0049 U
Zinc	NS	NS	NS	387	NS	947	NS	NS	NS

Notes:  
(a) Potential laboratory contaminant.  
(b) For potential lab contaminants: The detected value is  
J / B flagged and the result is less than the reporting  
limit; the sample is considered a non-detect.



**TABLE A-1**  
**Data Summary Table for Soil**

Sample Location: Sample Date: Unit: Start Depth (inches): End Depth (inches):	OCIFP-018 10/19/2011 mg/kg	OCIFP-023 10/19/2011 mg/kg	OCIFP-023 10/19/2011 pg/g	OCIFP-028 10/19/2011 mg/kg	OCIFP-028 10/19/2011 mg/kg	OCIFP-028 10/19/2011 mg/kg	OCIFP-028 10/19/2011 mg/kg
	18	24	24	12	24	36	41
	21	36	36	24	36	41	49
1,1,1-Trichloroethane	0.005 U	NS	NS	0.018 U	0.016 U	0.017 U	0.0077 U
1,1,2,2-Tetrachloroethane	0.005 UJ	NS	NS	0.018 R	0.016 R	0.017 UJ	0.0077 UJ
1,1,2-Trichloroethane	0.005 U	NS	NS	0.018 U	0.016 U	0.017 U	0.0077 U
1,1-Dichloroethane	0.005 U	NS	NS	0.018 U	0.016 U	0.017 U	0.0077 U
1,1-Dichloroethene	0.005 U	NS	NS	0.018 U	0.016 U	0.017 U	0.0077 U
1,2,3,4,6,7,8,9-OCDD	NS	NS	NS	NS	NS	NS	NS
1,2,3,4,6,7,8,9-OCDF	NS	NS	NS	NS	NS	NS	NS
1,2,3,4,6,7,8-HpCDD	NS	NS	610	NS	NS	NS	NS
1,2,3,4,6,7,8-HpCDF	NS	NS	54 J	NS	NS	NS	NS
1,2,3,4,7,8,9-HpCDF	NS	NS	5 J	NS	NS	NS	NS
1,2,3,4,7,8-HxCDD	NS	NS	59 UX	NS	NS	NS	NS
1,2,3,4,7,8-HxCDF	NS	NS	59 UX	NS	NS	NS	NS
1,2,3,6,7,8-HxCDD	NS	NS	59 UX	NS	NS	NS	NS
1,2,3,6,7,8-HxCDF	NS	NS	3.2 J	NS	NS	NS	NS
1,2,3,7,8,9-HxCDD	NS	NS	7.1 J	NS	NS	NS	NS
1,2,3,7,8,9-HxCDF	NS	NS	59 U	NS	NS	NS	NS
1,2,3,7,8-PeCDD	NS	NS	59 U	NS	NS	NS	NS
1,2,3,7,8-PeCDF	NS	NS	59 U	NS	NS	NS	NS
1,2,3-Trichlorobenzene	0.005 UJ	NS	NS	0.018 R	0.016 R	0.017 UJ	0.0077 UJ
1,2,4,5-Tetrachlorobenzene	NS	0.42 U	NS	NS	NS	NS	NS
1,2,4-Trichlorobenzene	0.005 UJ	NS	NS	0.018 R	0.016 R	0.017 UJ	0.0077 UJ
1,2-Dibromo-3-Chloropropane	0.005 UJ	NS	NS	0.018 R	0.016 R	0.017 UJ	0.0077 UJ
1,2-Dibromoethane (Ethylene dibromide)	0.005 U	NS	NS	0.018 U	0.016 U	0.017 U	0.0077 U
1,2-Dichlorobenzene	0.005 UJ	NS	NS	0.018 R	0.016 R	0.017 UJ	0.0077 UJ
1,2-Dichloroethane	0.005 U	NS	NS	0.018 U	0.016 U	0.017 U	0.0077 U
1,2-Dichloroethene (Total)	NS	NS	NS	NS	NS	NS	NS
1,2-Dichloropropane	0.005 U	NS	NS	0.018 U	0.016 U	0.017 U	0.0077 U
1,3-Dichlorobenzene	0.005 UJ	NS	NS	0.018 R	0.016 R	0.017 UJ	0.0077 UJ
1,4-Dichlorobenzene	0.005 UJ	NS	NS	0.018 R	0.016 R	0.017 UJ	0.0077 UJ
2,3,4,6,7,8-HxCDF	NS	NS	NS	NS	NS	NS	NS
2,3,4,7,8-PeCDF	NS	NS	NS	NS	NS	NS	NS
2,3,7,8-TCDD	NS	NS	17	NS	NS	NS	NS
2,3,7,8-TCDF	NS	NS	48 J	NS	NS	NS	NS
2,4,5-Trichlorophenol	NS	1.1 U	NS	NS	NS	NS	NS
2,4,6-Trichlorophenol	NS	0.42 U	NS	NS	NS	NS	NS
2,4-Dichlorophenol	NS	0.42 U	NS	NS	NS	NS	NS
2,4-Dimethylphenol	NS	0.42 U	NS	NS	NS	NS	NS
2,4-Dinitrophenol	NS	1.1 U	NS	NS	NS	NS	NS
2,4-Dinitrotoluene	NS	0.42 U	NS	NS	NS	NS	NS
2,6-Dinitrotoluene	NS	0.42 U	NS	NS	NS	NS	NS
2-Butanone (Methyl ethyl ketone) (a)	0.03 J	NS	NS	0.18 J	0.29	0.34 J	0.065
2-Chloronaphthalene	NS	NS	NS	NS	NS	NS	NS
2-Chlorophenol	NS	0.42 U	NS	NS	NS	NS	NS
2-Hexanone	0.005 U	NS	NS	0.018 U	0.016 U	0.017 U	0.0077 U

**TABLE A-1**  
**Data Summary Table for Soil**

Sample Location: Sample Date: Unit: Start Depth (inches): End Depth (inches):	OCIFP-018 10/19/2011 mg/kg	OCIFP-023 10/19/2011 mg/kg	OCIFP-023 10/19/2011 pg/g	OCIFP-028 10/19/2011 mg/kg	OCIFP-028 10/19/2011 mg/kg	OCIFP-028 10/19/2011 mg/kg	OCIFP-028 10/19/2011 mg/kg
	18	24	24	12	24	36	41
	21	36	36	24	36	41	49
2-Methylnaphthalene	NS	0.42 U	NS	NS	NS	NS	NS
2-Methylphenol (o-Cresol)	NS	0.42 U	NS	NS	NS	NS	NS
2-Nitroaniline	NS	1.1 U	NS	NS	NS	NS	NS
2-Nitrophenol	NS	0.42 U	NS	NS	NS	NS	NS
3,3'-Dichlorobenzidine	NS	0.42 U	NS	NS	NS	NS	NS
3+4-Methylphenol (m,p-Cresol)	NS	0.86 U	NS	NS	NS	NS	NS
3-Nitroaniline	NS	1.1 U	NS	NS	NS	NS	NS
4,4'-DDD	NS	0.0066 J	NS	NS	NS	NS	NS
4,4'-DDE	NS	0.0053	NS	NS	NS	NS	NS
4,4'-DDT	NS	0.0042 U	NS	NS	NS	NS	NS
4,6-Dinitro-2-Methylphenol	NS	1.1 U	NS	NS	NS	NS	NS
4-Bromophenyl phenyl ether	NS	0.42 U	NS	NS	NS	NS	NS
4-Chloro-3-Methylphenol	NS	0.42 U	NS	NS	NS	NS	NS
4-Chloroaniline	NS	0.42 U	NS	NS	NS	NS	NS
4-Chlorophenyl phenyl ether	NS	0.42 U	NS	NS	NS	NS	NS
4-Methylphenol (p-Cresol)	NS	NS	NS	NS	NS	NS	NS
4-Nitroaniline	NS	1.1 U	NS	NS	NS	NS	NS
4-Nitrophenol	NS	1.1 U	NS	NS	NS	NS	NS
Acenaphthene	NS	0.42 U	NS	NS	NS	NS	NS
Acenaphthylene	NS	0.42 U	NS	NS	NS	NS	NS
Acetone (a)	0.1 J	NS	NS	0.71 J	1	1.2 J	0.27
Acetophenone	NS	0.42 U	NS	NS	NS	NS	NS
Aldrin	NS	0.0022 U	NS	NS	NS	NS	NS
alpha-BHC	NS	0.00035 J	NS	NS	NS	NS	NS
alpha-Chlordane	NS	0.0019 J	NS	NS	NS	NS	NS
Aluminum	NS	1490	NS	NS	NS	NS	NS
Anthracene	NS	0.42 U	NS	NS	NS	NS	NS
Antimony	NS	5.9 U	NS	NS	NS	NS	NS
Arsenic	NS	4.6	NS	NS	NS	NS	NS
Atrazine	NS	0.42 U	NS	NS	NS	NS	NS
Barium	NS	28.1 J	NS	NS	NS	NS	NS
Benzaldehyde	NS	0.42 U	NS	NS	NS	NS	NS
Benzene	0.005 U	NS	NS	0.018 U	0.016 U	0.017 U	0.0077 U
Benzo(a)anthracene	NS	0.42 U	NS	NS	NS	NS	NS
Benzo(a)pyrene	NS	0.42 U	NS	NS	NS	NS	NS
Benzo(b)fluoranthene	NS	0.42 U	NS	NS	NS	NS	NS
Benzo(g,h,i)perylene	NS	0.42 U	NS	NS	NS	NS	NS
Benzo(k)fluoranthene	NS	0.42 U	NS	NS	NS	NS	NS
Beryllium	NS	0.096 J	NS	NS	NS	NS	NS
beta-BHC	NS	0.0035 JN	NS	NS	NS	NS	NS
beta-Chlordane	NS	0.0022 U	NS	NS	NS	NS	NS
bis(2-Chloroethoxy)methane	NS	0.42 U	NS	NS	NS	NS	NS
bis(2-Chloroethyl)ether	NS	0.42 U	NS	NS	NS	NS	NS
bis(2-Chloroisopropyl)ether	NS	0.42 U	NS	NS	NS	NS	NS

**TABLE A-1**  
**Data Summary Table for Soil**

Sample Location: Sample Date: Unit: Start Depth (inches): End Depth (inches):	OCIFP-018 10/19/2011 mg/kg	OCIFP-023 10/19/2011 mg/kg	OCIFP-023 10/19/2011 pg/g	OCIFP-028 10/19/2011 mg/kg	OCIFP-028 10/19/2011 mg/kg	OCIFP-028 10/19/2011 mg/kg	OCIFP-028 10/19/2011 mg/kg
	18	24	24	12	24	36	41
	21	36	36	24	36	41	49
bis(2-Ethylhexyl)phthalate (b)	NS	0.055	NS	NS	NS	NS	NS
Bromodichloromethane (Dichlorobromomethane)	0.005 U	NS	NS	0.018 U	0.016 U	0.017 U	0.0077 U
Bromoform (Tribromomethane)	0.005 U	NS	NS	0.018 U	0.016 U	0.017 U	0.0077 U
Bromomethane (Methyl bromide)	0.005 U	NS	NS	0.018 UJ	0.016 UJ	0.017 U	0.0077 U
Butyl benzyl phthalate (b)	NS	0.42 U	NS	NS	NS	NS	NS
Cadmium	NS	0.26 J	NS	NS	NS	NS	NS
Calcium	NS	13200 J	NS	NS	NS	NS	NS
Caprolactam	NS	0.42 U	NS	NS	NS	NS	NS
Carbazole	NS	0.42 U	NS	NS	NS	NS	NS
Carbon disulfide (a)	0.005 U	NS	NS	0.018 U	0.016	0.0045 J (b)	0.0077 U
Carbon tetrachloride	0.005 U	NS	NS	0.018 U	0.016 U	0.017 U	0.0077 U
Chlordane (technical)	NS	0.022 U	NS	NS	NS	NS	NS
Chlorobenzene	0.005 U	NS	NS	0.018 U	0.016 U	0.017 U	0.0077 U
Chlorobromomethane (Bromochloromethane)	0.005 U	NS	NS	0.018 U	0.016 U	0.017 U	0.0077 U
Chlorodibromomethane (Dibromochloromethane)	0.005 U	NS	NS	0.018 U	0.016 U	0.017 U	0.0077 U
Chloroethane	0.005 U	NS	NS	0.018 U	0.016 U	0.017 U	0.0077 U
Chloroform	0.005 U	NS	NS	0.018 U	0.016 U	0.017 U	0.0077 U
Chloromethane (Methyl chloride)	0.005 U	NS	NS	0.018 U	0.016 U	0.017 U	0.0077 U
Chromium	NS	9 J	NS	NS	NS	NS	NS
Chrysene	NS	0.42 U	NS	NS	NS	NS	NS
cis-1,2-Dichloroethene	0.005 U	NS	NS	0.018 U	0.016 U	0.017 U	0.0077 U
cis-1,3-Dichloropropene	0.005 U	NS	NS	0.018 U	0.016 U	0.017 U	0.0077 U
Cobalt	NS	1.5 J	NS	NS	NS	NS	NS
Copper	NS	7	NS	NS	NS	NS	NS
Cyanide	NS	NS	NS	NS	NS	NS	NS
delta-BHC	NS	NS	NS	NS	NS	NS	NS
Dibenzo(a,h)anthracene	NS	0.42 U	NS	NS	NS	NS	NS
Dibenzofuran	NS	0.42 U	NS	NS	NS	NS	NS
Dichlorodifluoromethane	0.005 U	NS	NS	0.018 U	0.016 U	0.017 U	0.0077 U
Dieldrin	NS	0.006 JN	NS	NS	NS	NS	NS
Diethyl phthalate (b)	NS	0.42 U	NS	NS	NS	NS	NS
Dimethyl phthalate	NS	0.42 U	NS	NS	NS	NS	NS
Di-n-butyl phthalate (b)	NS	0.42 U	NS	NS	NS	NS	NS
Di-n-octyl phthalate	NS	0.42 U	NS	NS	NS	NS	NS
Endosulfan I	NS	0.0022 U	NS	NS	NS	NS	NS
Endosulfan II	NS	0.0042 U	NS	NS	NS	NS	NS
Endosulfan sulfate	NS	0.0042 U	NS	NS	NS	NS	NS
Endrin	NS	0.0042 U	NS	NS	NS	NS	NS
Endrin aldehyde	NS	0.0042 U	NS	NS	NS	NS	NS
Endrin ketone	NS	0.0042 U	NS	NS	NS	NS	NS
Ethylbenzene	0.005 U	NS	NS	0.018 U	0.016 U	0.017 U	0.0077 U
Fluoranthene	NS	0.42 U	NS	NS	NS	NS	NS
Fluorene	NS	0.42 U	NS	NS	NS	NS	NS
Freon-113 (1,1,2-trichloro-1,2,2-trifluoroethane)	0.005 U	NS	NS	0.018 U	0.016 U	0.017 U	0.0077 U

**TABLE A-1**  
**Data Summary Table for Soil**

Sample Location: Sample Date: Unit: Start Depth (inches): End Depth (inches):	OCIFP-018 10/19/2011 mg/kg	OCIFP-023 10/19/2011 mg/kg	OCIFP-023 10/19/2011 pg/g	OCIFP-028 10/19/2011 mg/kg	OCIFP-028 10/19/2011 mg/kg	OCIFP-028 10/19/2011 mg/kg	OCIFP-028 10/19/2011 mg/kg
	18	24	24	12	24	36	41
	21	36	36	24	36	41	49
gamma-BHC (Lindane)	NS	0.0077 JN	NS	NS	NS	NS	NS
gamma-Chlordane	NS	NS	NS	NS	NS	NS	NS
Heptachlor	NS	0.0084 JN	NS	NS	NS	NS	NS
Heptachlor Epoxide	NS	0.0056 JN	NS	NS	NS	NS	NS
Hexachlorobenzene	NS	0.42 U	NS	NS	NS	NS	NS
Hexachlorobutadiene	NS	0.42 U	NS	NS	NS	NS	NS
Hexachlorocyclopentadiene	NS	0.42 U	NS	NS	NS	NS	NS
Hexachloroethane	NS	0.42 U	NS	NS	NS	NS	NS
Indeno(1,2,3-cd)pyrene	NS	0.42 U	NS	NS	NS	NS	NS
Iron	NS	5060 J	NS	NS	NS	NS	NS
Isophorone	NS	0.42 U	NS	NS	NS	NS	NS
Isopropylbenzene (Cumene)	0.005 UJ	NS	NS	0.018 R	0.016 R	0.017 UJ	0.0077 UJ
Lead	NS	17.5	NS	NS	NS	NS	NS
Magnesium	NS	3350	NS	NS	NS	NS	NS
Manganese	NS	150 J	NS	NS	NS	NS	NS
Mercury	0.11	0.069	NS	2.8	5.2	4.8	0.066
Methoxychlor	NS	0.022 U	NS	NS	NS	NS	NS
Methyl isobutyl ketone (4-Methyl-2-pentanone)	0.005 U	NS	NS	0.018 U	0.016 U	0.017 U	0.0077 U
Methyl tertiary butyl ether (MTBE)	0.005 U	NS	NS	0.018 U	0.016 U	0.017 U	0.0077 U
Methylene chloride (Dichloromethane) (a)	0.005 U	NS	NS	0.018 U	0.016 U	0.017 U	0.0077 U
Naphthalene	NS	0.42 U	NS	NS	NS	NS	NS
Nickel	NS	3.8 J	NS	NS	NS	NS	NS
Nitrobenzene	NS	0.42 U	NS	NS	NS	NS	NS
N-Nitrosodi-n-propylamine	NS	0.42 U	NS	NS	NS	NS	NS
N-Nitrosodiphenylamine	NS	0.5 U	NS	NS	NS	NS	NS
OCDD	NS	NS	6800	NS	NS	NS	NS
OCDF	NS	NS	130	NS	NS	NS	NS
Pentachlorophenol	NS	1.1 U	NS	NS	NS	NS	NS
Phenanthrene	NS	0.42 U	NS	NS	NS	NS	NS
Phenol	NS	0.42 U	NS	NS	NS	NS	NS
Potassium	NS	116 J	NS	NS	NS	NS	NS
Pyrene	NS	0.021	NS	NS	NS	NS	NS
Selenium	NS	3.4 U	NS	NS	NS	NS	NS
Silver	NS	0.98 U	NS	NS	NS	NS	NS
Sodium	NS	37 J	NS	NS	NS	NS	NS
Styrene	0.005 U	NS	NS	0.018 U	0.016 U	0.017 U	0.0077 U
Tetrachloroethene (PCE)	0.005 U	NS	NS	0.018 U	0.016 U	0.017 U	0.0077 U
Thallium	NS	2.5 U	NS	NS	NS	NS	NS
Toluene (a)	0.00082 J (b)	NS	NS	0.0059 J (b)	0.0063 J (b)	0.0033 J (b)	0.0013 J (b)
Toxaphene	NS	0.22 U	NS	NS	NS	NS	NS
trans-1,2-Dichloroethene	0.005 U	NS	NS	0.018 U	0.016 U	0.017 U	0.0077 U
trans-1,3-Dichloropropene	0.005 U	NS	NS	0.018 U	0.016 U	0.017 U	0.0077 U
Trichloroethene (TCE)	0.005 U	NS	NS	0.018 U	0.016 U	0.017 U	0.0077 U
Trichlorofluoromethane	0.005 U	NS	NS	0.018 U	0.016 U	0.017 U	0.0077 U

TABLE A-1  
Data Summary Table for Soil

Sample Location: Sample Date: Unit: Start Depth (inches): End Depth (inches):	OCIFP-018 10/19/2011 mg/kg	OCIFP-023 10/19/2011 mg/kg	OCIFP-023 10/19/2011 pg/g	OCIFP-028 10/19/2011 mg/kg	OCIFP-028 10/19/2011 mg/kg	OCIFP-028 10/19/2011 mg/kg	OCIFP-028 10/19/2011 mg/kg
	18	24	24	12	24	36	41
	21	36	36	24	36	41	49
Vanadium	NS	4.2 J	NS	NS	NS	NS	NS
Vinyl Chloride	0.005 U	NS	NS	0.018 U	0.016 U	0.017 U	0.0077 U
Xylenes, Total	0.005 U	NS	NS	0.0036 J	0.0044 J	0.017 U	0.0077 U
Zinc	NS	30.2 J	NS	NS	NS	NS	NS

Notes:  
(a) Potential laboratory contaminant.  
(b) For potential lab contaminants: The detected value is J / B flagged and the result is less than the reporting limit; the sample is considered a non-detect.

**TABLE A-1**  
**Data Summary Table for Soil**

Sample Location: Sample Date: Unit: Start Depth (inches): End Depth (inches):	OCIFP-033 10/19/2011 mg/kg	OCIFP-033 10/19/2011 pg/g	OCIFP-038 10/25/2011 mg/kg	OCIFP-038 10/25/2011 mg/kg	OCIFP-038 10/25/2011 mg/kg	OCIFP-038 10/25/2011 mg/kg	OCIFP-043 10/25/2011 mg/kg
	29	29	13	19	25	25	12
	37	37	19	25	29	39	20
1,1,1-Trichloroethane	NS	NS	0.03 U	0.05 U	0.013 U	0.0056 U	NS
1,1,2,2-Tetrachloroethane	NS	NS	0.03 UJ	0.05 UJ	0.013 UJ	0.0056 U	NS
1,1,2-Trichloroethane	NS	NS	0.03 U	0.05 U	0.013 U	0.0056 U	NS
1,1-Dichloroethane	NS	NS	0.03 U	0.05 U	0.013 U	0.0056 U	NS
1,1-Dichloroethene	NS	NS	0.03 U	0.05 U	0.013 U	0.0056 U	NS
1,2,3,4,6,7,8,9-OCDD	NS	NS	NS	NS	NS	NS	NS
1,2,3,4,6,7,8,9-OCDF	NS	NS	NS	NS	NS	NS	NS
1,2,3,4,6,7,8-HpCDD	NS	6500	NS	NS	NS	NS	NS
1,2,3,4,6,7,8-HpCDF	NS	2600	NS	NS	NS	NS	NS
1,2,3,4,7,8,9-HpCDF	NS	39 J	NS	NS	NS	NS	NS
1,2,3,4,7,8-HxCDD	NS	21 J	NS	NS	NS	NS	NS
1,2,3,4,7,8-HxCDF	NS	130 UX	NS	NS	NS	NS	NS
1,2,3,6,7,8-HxCDD	NS	240	NS	NS	NS	NS	NS
1,2,3,6,7,8-HxCDF	NS	130 UX	NS	NS	NS	NS	NS
1,2,3,7,8,9-HxCDD	NS	100 J	NS	NS	NS	NS	NS
1,2,3,7,8,9-HxCDF	NS	130 U	NS	NS	NS	NS	NS
1,2,3,7,8-PeCDD	NS	130 UX	NS	NS	NS	NS	NS
1,2,3,7,8-PeCDF	NS	130 U	NS	NS	NS	NS	NS
1,2,3-Trichlorobenzene	NS	NS	0.03 UJ	0.05 UJ	0.013 UJ	0.0056 UJ	NS
1,2,4,5-Tetrachlorobenzene	1 U	NS	NS	NS	NS	NS	0.41 U
1,2,4-Trichlorobenzene	NS	NS	0.03 UJ	0.05 UJ	0.013 UJ	0.0056 UJ	NS
1,2-Dibromo-3-Chloropropane	NS	NS	0.03 UJ	0.05 UJ	0.013 UJ	0.0056 U	NS
1,2-Dibromoethane (Ethylene dibromide)	NS	NS	0.03 U	0.05 U	0.013 U	0.0056 U	NS
1,2-Dichlorobenzene	NS	NS	0.03 UJ	0.05 UJ	0.013 UJ	0.0056 U	NS
1,2-Dichloroethane	NS	NS	0.03 U	0.05 U	0.013 U	0.0056 U	NS
1,2-Dichloroethene (Total)	NS	NS	NS	NS	NS	NS	NS
1,2-Dichloropropane	NS	NS	0.03 U	0.05 U	0.013 U	0.0056 U	NS
1,3-Dichlorobenzene	NS	NS	0.03 UJ	0.05 UJ	0.013 UJ	0.0056 U	NS
1,4-Dichlorobenzene	NS	NS	0.03 UJ	0.05 UJ	0.013 UJ	0.0056 U	NS
2,3,4,6,7,8-HxCDF	NS	NS	NS	NS	NS	NS	NS
2,3,4,7,8-PeCDF	NS	NS	NS	NS	NS	NS	NS
2,3,7,8-TCDD	NS	26 UX	NS	NS	NS	NS	NS
2,3,7,8-TCDF	NS	32 J	NS	NS	NS	NS	NS
2,4,5-Trichlorophenol	2.5 U	NS	NS	NS	NS	NS	1 U
2,4,6-Trichlorophenol	1 U	NS	NS	NS	NS	NS	0.41 U
2,4-Dichlorophenol	1 U	NS	NS	NS	NS	NS	0.41 U
2,4-Dimethylphenol	1 U	NS	NS	NS	NS	NS	0.41 U
2,4-Dinitrophenol	2.5 U	NS	NS	NS	NS	NS	1 U
2,4-Dinitrotoluene	1 U	NS	NS	NS	NS	NS	0.41 U
2,6-Dinitrotoluene	1 U	NS	NS	NS	NS	NS	0.41 U
2-Butanone (Methyl ethyl ketone) (a)	NS	NS	0.15 J	0.42 J	0.04 J	0.0056 UJ	NS
2-Chloronaphthalene	NS	NS	NS	NS	NS	NS	NS
2-Chlorophenol	1 U	NS	NS	NS	NS	NS	0.41 U
2-Hexanone	NS	NS	0.03 U	0.05 U	0.013 U	0.0056 U	NS

**TABLE A-1**  
**Data Summary Table for Soil**

Sample Location: Sample Date: Unit: Start Depth (inches): End Depth (inches):	OCIFP-033 10/19/2011 mg/kg	OCIFP-033 10/19/2011 pg/g	OCIFP-038 10/25/2011 mg/kg	OCIFP-038 10/25/2011 mg/kg	OCIFP-038 10/25/2011 mg/kg	OCIFP-038 10/25/2011 mg/kg	OCIFP-043 10/25/2011 mg/kg
	29	29	13	19	25	29	12
	37	37	19	25	29	39	20
2-Methylnaphthalene	0.064	NS	NS	NS	NS	NS	0.41 U
2-Methylphenol (o-Cresol)	1 U	NS	NS	NS	NS	NS	0.41 U
2-Nitroaniline	2.5 U	NS	NS	NS	NS	NS	1 U
2-Nitrophenol	1 U	NS	NS	NS	NS	NS	0.41 U
3,3'-Dichlorobenzidine	1 U	NS	NS	NS	NS	NS	0.41 U
3+4-Methylphenol (m,p-Cresol)	2 U	NS	NS	NS	NS	NS	0.84 U
3-Nitroaniline	2.5 U	NS	NS	NS	NS	NS	1 U
4,4'-DDD	0.0062 J	NS	NS	NS	NS	NS	0.04 J
4,4'-DDE	0.014	NS	NS	NS	NS	NS	0.017
4,4'-DDT	0.0099 U	NS	NS	NS	NS	NS	0.0034 J
4,6-Dinitro-2-Methylphenol	2.5 U	NS	NS	NS	NS	NS	1 U
4-Bromophenyl phenyl ether	1 U	NS	NS	NS	NS	NS	0.41 U
4-Chloro-3-Methylphenol	1 U	NS	NS	NS	NS	NS	0.41 U
4-Chloroaniline	1 U	NS	NS	NS	NS	NS	0.41 U
4-Chlorophenyl phenyl ether	1 U	NS	NS	NS	NS	NS	0.41 U
4-Methylphenol (p-Cresol)	NS	NS	NS	NS	NS	NS	NS
4-Nitroaniline	2.5 U	NS	NS	NS	NS	NS	1 U
4-Nitrophenol	2.5 U	NS	NS	NS	NS	NS	1 U
Acenaphthene	1 U	NS	NS	NS	NS	NS	0.41 U
Acenaphthylene	1 U	NS	NS	NS	NS	NS	0.41 U
Acetone (a)	NS	NS	0.55 J	1.3 J	0.2	0.016	NS
Acetophenone	1 U	NS	NS	NS	NS	NS	0.41 U
Aldrin	0.0051 U	NS	NS	NS	NS	NS	0.0021 U
alpha-BHC	0.0051 U	NS	NS	NS	NS	NS	0.0021 U
alpha-Chlordane	0.0022 J	NS	NS	NS	NS	NS	0.0017 J
Aluminum	17400	NS	NS	NS	NS	NS	1300
Anthracene	0.076	NS	NS	NS	NS	NS	0.41 U
Antimony	13.1 U	NS	NS	NS	NS	NS	6 U
Arsenic	20.1	NS	NS	NS	NS	NS	6.5
Atrazine	1 U	NS	NS	NS	NS	NS	0.41 U
Barium	727 J	NS	NS	NS	NS	NS	38.1 J
Benzaldehyde	0.17	NS	NS	NS	NS	NS	0.025
Benzene	NS	NS	0.03 U	0.05 U	0.013 U	0.0056 U	NS
Benzo(a)anthracene	0.46	NS	NS	NS	NS	NS	0.41 U
Benzo(a)pyrene	0.54	NS	NS	NS	NS	NS	0.41 U
Benzo(b)fluoranthene	0.57	NS	NS	NS	NS	NS	0.41 U
Benzo(g,h,i)perylene	0.34	NS	NS	NS	NS	NS	0.41 U
Benzo(k)fluoranthene	0.49	NS	NS	NS	NS	NS	0.41 U
Beryllium	1.1	NS	NS	NS	NS	NS	0.1 J
beta-BHC	0.0078 JN	NS	NS	NS	NS	NS	0.0021 U
beta-Chlordane	0.0051 U	NS	NS	NS	NS	NS	0.0022
bis(2-Chloroethoxy)methane	1 U	NS	NS	NS	NS	NS	0.41 U
bis(2-Chloroethyl)ether	1 U	NS	NS	NS	NS	NS	0.41 U
bis(2-Chloroisopropyl)ether	1 U	NS	NS	NS	NS	NS	0.41 U

**TABLE A-1**  
**Data Summary Table for Soil**

Sample Location: Sample Date: Unit: Start Depth (inches): End Depth (inches):	OCIFP-033 10/19/2011 mg/kg 29 37	OCIFP-033 10/19/2011 pg/g 29 37	OCIFP-038 10/25/2011 mg/kg 13 19	OCIFP-038 10/25/2011 mg/kg 19 25	OCIFP-038 10/25/2011 mg/kg 25 29	OCIFP-038 10/25/2011 mg/kg 29 39	OCIFP-043 10/25/2011 mg/kg 12 20
bis(2-Ethylhexyl)phthalate (b)	1 U	NS	NS	NS	NS	NS	0.037
Bromodichloromethane (Dichlorobromomethane)	NS	NS	0.03 U	0.05 U	0.013 U	0.0056 U	NS
Bromoform (Tribromomethane)	NS	NS	0.03 U	0.05 U	0.013 U	0.0056 U	NS
Bromomethane (Methyl bromide)	NS	NS	0.03 U	0.05 U	0.013 U	0.0056 U	NS
Butyl benzyl phthalate (b)	0.064	NS	NS	NS	NS	NS	0.41 U
Cadmium	13.5	NS	NS	NS	NS	NS	0.14 J
Calcium	27900 J	NS	NS	NS	NS	NS	32300 J
Caprolactam	1 U	NS	NS	NS	NS	NS	0.41 U
Carbazole	1 U	NS	NS	NS	NS	NS	0.41 U
Carbon disulfide (a)	NS	NS	0.03 U	0.0093 J (b)	0.013 U	0.0056 UBJ	NS
Carbon tetrachloride	NS	NS	0.03 U	0.05 U	0.013 U	0.0056 U	NS
Chlordane (technical)	0.051 U	NS	NS	NS	NS	NS	0.021 U
Chlorobenzene	NS	NS	0.03 U	0.05 U	0.013 U	0.0056 U	NS
Chlorobromomethane (Bromochloromethane)	NS	NS	0.03 U	0.05 U	0.013 U	0.0056 U	NS
Chlorodibromomethane (Dibromochloromethane)	NS	NS	0.03 U	0.05 U	0.013 U	0.0056 U	NS
Chloroethane	NS	NS	0.03 U	0.05 U	0.013 U	0.0056 U	NS
Chloroform	NS	NS	0.03 U	0.05 U	0.013 U	0.0056 U	NS
Chloromethane (Methyl chloride)	NS	NS	0.03 U	0.05 U	0.013 U	0.0056 U	NS
Chromium	270 J	NS	NS	NS	NS	NS	4.2 J
Chrysene	0.68	NS	NS	NS	NS	NS	0.41 U
cis-1,2-Dichloroethene	NS	NS	0.03 U	0.05 U	0.013 U	0.0056 U	NS
cis-1,3-Dichloropropene	NS	NS	0.03 U	0.05 U	0.013 U	0.0056 UJ	NS
Cobalt	13 J	NS	NS	NS	NS	NS	1.4 J
Copper	343	NS	NS	NS	NS	NS	4.6
Cyanide	NS	NS	NS	NS	NS	NS	NS
delta-BHC	NS	NS	NS	NS	NS	NS	NS
Dibenzo(a,h)anthracene	1 U	NS	NS	NS	NS	NS	0.41 U
Dibenzofuran	1 U	NS	NS	NS	NS	NS	0.41 U
Dichlorodifluoromethane	NS	NS	0.03 U	0.05 U	0.013 U	0.0056 U	NS
Dieldrin	0.013 JN	NS	NS	NS	NS	NS	0.0021 J
Diethyl phthalate (b)	1 U	NS	NS	NS	NS	NS	0.41 U
Dimethyl phthalate	1 U	NS	NS	NS	NS	NS	0.41 U
Di-n-butyl phthalate (b)	0.046	NS	NS	NS	NS	NS	0.41 U
Di-n-octyl phthalate	1 U	NS	NS	NS	NS	NS	0.41 U
Endosulfan I	0.0051 U	NS	NS	NS	NS	NS	0.00025 J
Endosulfan II	0.0026 J	NS	NS	NS	NS	NS	0.0041 U
Endosulfan sulfate	0.0077 J	NS	NS	NS	NS	NS	0.0041 U
Endrin	0.0099 U	NS	NS	NS	NS	NS	0.0041 U
Endrin aldehyde	0.013	NS	NS	NS	NS	NS	0.0041 U
Endrin ketone	0.0099 U	NS	NS	NS	NS	NS	0.0041 U
Ethylbenzene	NS	NS	0.03 U	0.05 U	0.013 U	0.0056 U	NS
Fluoranthene	0.51	NS	NS	NS	NS	NS	0.016
Fluorene	1 U	NS	NS	NS	NS	NS	0.41 U
Freon-113 (1,1,2-trichloro-1,2,2-trifluoroethane)	NS	NS	0.03 U	0.05 U	0.013 U	0.0056 U	NS



**TABLE A-1**  
**Data Summary Table for Soil**

Sample Location: Sample Date: Unit: Start Depth (inches): End Depth (inches):	OCIFP-033 10/19/2011 mg/kg	OCIFP-033 10/19/2011 pg/g	OCIFP-038 10/25/2011 mg/kg	OCIFP-038 10/25/2011 mg/kg	OCIFP-038 10/25/2011 mg/kg	OCIFP-038 10/25/2011 mg/kg	OCIFP-043 10/25/2011 mg/kg
	29	29	13	19	25	29	12
	37	37	19	25	29	39	20
gamma-BHC (Lindane)	0.0051 U	NS	NS	NS	NS	NS	0.0021 U
gamma-Chlordane	NS	NS	NS	NS	NS	NS	NS
Heptachlor	0.0051 U	NS	NS	NS	NS	NS	0.00093 J
Heptachlor Epoxide	0.0059 JN	NS	NS	NS	NS	NS	0.002 J
Hexachlorobenzene	1 U	NS	NS	NS	NS	NS	0.41 U
Hexachlorobutadiene	1 U	NS	NS	NS	NS	NS	0.41 U
Hexachlorocyclopentadiene	1 U	NS	NS	NS	NS	NS	0.41 U
Hexachloroethane	1 U	NS	NS	NS	NS	NS	0.41 U
Indeno(1,2,3-cd)pyrene	1 U	NS	NS	NS	NS	NS	0.41 U
Iron	20200 J	NS	NS	NS	NS	NS	7400 J
Isophorone	1 U	NS	NS	NS	NS	NS	0.41 U
Isopropylbenzene (Cumene)	NS	NS	0.03 UJ	0.05 UJ	0.013 UJ	0.0056 U	NS
Lead	1200	NS	NS	NS	NS	NS	5.6
Magnesium	6990	NS	NS	NS	NS	NS	14300
Manganese	221 J	NS	NS	NS	NS	NS	269 J
Mercury	3.6	NS	5.6	0.15	0.19	0.049	0.013 J
Methoxychlor	0.051 U	NS	NS	NS	NS	NS	0.021 U
Methyl isobutyl ketone (4-Methyl-2-pentanone)	NS	NS	0.03 U	0.05 U	0.013 U	0.0056 U	NS
Methyl tertiary butyl ether (MTBE)	NS	NS	0.03 U	0.05 U	0.013 U	0.0056 U	NS
Methylene chloride (Dichloromethane) (a)	NS	NS	0.0084 J (b)	0.013 J (b)	0.0019 J (b)	0.0011 J (b)	NS
Naphthalene	0.053	NS	NS	NS	NS	NS	0.41 U
Nickel	42.6 J	NS	NS	NS	NS	NS	3 J
Nitrobenzene	1 U	NS	NS	NS	NS	NS	0.41 U
N-Nitrosodi-n-propylamine	1 U	NS	NS	NS	NS	NS	0.41 U
N-Nitrosodiphenylamine	1.2 U	NS	NS	NS	NS	NS	0.49 U
OCDD	NS	55000	NS	NS	NS	NS	NS
OCDF	NS	2000	NS	NS	NS	NS	NS
Pentachlorophenol	2.5 U	NS	NS	NS	NS	NS	1 U
Phenanthrene	0.28	NS	NS	NS	NS	NS	0.41 U
Phenol	1 U	NS	NS	NS	NS	NS	0.41 U
Potassium	674 J	NS	NS	NS	NS	NS	133 J
Pyrene	0.8	NS	NS	NS	NS	NS	0.026
Selenium	3.9 J	NS	NS	NS	NS	NS	3.5 U
Silver	4.4	NS	NS	NS	NS	NS	1 U
Sodium	200 J	NS	NS	NS	NS	NS	47.4 J
Styrene	NS	NS	0.03 U	0.05 U	0.013 U	0.0056 UJ	NS
Tetrachloroethene (PCE)	NS	NS	0.03 U	0.05 U	0.013 U	0.0056 U	NS
Thallium	5.5 U	NS	NS	NS	NS	NS	2.5 U
Toluene (a)	NS	NS	0.0034 J (b)	0.004 J (b)	0.001 J (b)	0.00045 J (b)	NS
Toxaphene	0.51 U	NS	NS	NS	NS	NS	0.21 U
trans-1,2-Dichloroethene	NS	NS	0.03 U	0.05 U	0.013 U	0.0056 U	NS
trans-1,3-Dichloropropene	NS	NS	0.03 U	0.05 U	0.013 U	0.0056 U	NS
Trichloroethene (TCE)	NS	NS	0.03 U	0.05 U	0.013 U	0.0056 UJ	NS
Trichlorofluoromethane	NS	NS	0.03 U	0.05 U	0.013 U	0.0056 U	NS

TABLE A-1  
Data Summary Table for Soil

Sample Location: Sample Date: Unit: Start Depth (inches): End Depth (inches):	OCIFP-033 10/19/2011 mg/kg	OCIFP-033 10/19/2011 pg/g	OCIFP-038 10/25/2011 mg/kg	OCIFP-038 10/25/2011 mg/kg	OCIFP-038 10/25/2011 mg/kg	OCIFP-038 10/25/2011 mg/kg	OCIFP-043 10/25/2011 mg/kg
	29	29	13	19	25	29	12
	37	37	19	25	29	39	20
Vanadium	25.8	NS	NS	NS	NS	NS	4 J
Vinyl Chloride	NS	NS	0.03 U	0.05 U	0.013 U	0.0056 U	NS
Xylenes, Total	NS	NS	0.03 U	0.05 U	0.013 U	0.0056 U	NS
Zinc	814 J	NS	NS	NS	NS	NS	16.3 J

Notes:  
(a) Potential laboratory contaminant.  
(b) For potential lab contaminants: The detected value is  
J / B flagged and the result is less than the reporting  
limit; the sample is considered a non-detect.

**TABLE A-1**  
**Data Summary Table for Soil**

Sample Location: Sample Date: Unit: Start Depth (inches): End Depth (inches):	OCIFP-043 10/25/2011 pg/g	OCIFP-048 10/12/2011 mg/kg	OCIFP-048 10/12/2011 mg/kg	OCIFP-058 10/12/2011 mg/kg	OCIFP-058 10/12/2011 mg/kg	OCIFP-058 10/12/2011 mg/kg	OCIFP-058 10/12/2011 mg/kg
	12	12	23	12	24	32	44
	20	23	31	24	28	44	55
1,1,1-Trichloroethane	NS	0.021 U	0.063 U	0.0061 U	0.0052 U	0.0055 U	0.005 U
1,1,2,2-Tetrachloroethane	NS	0.021 UJ	0.063 UJ	0.0061 U	0.0052 U	0.0055 UJ	0.005 U
1,1,2-Trichloroethane	NS	0.021 U	0.063 U	0.0061 U	0.0052 U	0.0055 U	0.005 U
1,1-Dichloroethane	NS	0.021 U	0.063 U	0.0061 U	0.0052 U	0.0055 U	0.005 U
1,1-Dichloroethene	NS	0.021 U	0.063 U	0.0061 U	0.0052 U	0.0055 U	0.005 U
1,2,3,4,6,7,8,9-OCDD	NS	NS	NS	NS	NS	NS	NS
1,2,3,4,6,7,8,9-OCDF	NS	NS	NS	NS	NS	NS	NS
1,2,3,4,6,7,8-HpCDD	32	NS	NS	NS	NS	NS	NS
1,2,3,4,6,7,8-HpCDF	4.2 J	NS	NS	NS	NS	NS	NS
1,2,3,4,7,8,9-HpCDF	6.4 U	NS	NS	NS	NS	NS	NS
1,2,3,4,7,8-HxCDD	6.4 U	NS	NS	NS	NS	NS	NS
1,2,3,4,7,8-HxCDF	0.37 J	NS	NS	NS	NS	NS	NS
1,2,3,6,7,8-HxCDD	1.4 J	NS	NS	NS	NS	NS	NS
1,2,3,6,7,8-HxCDF	0.37 J	NS	NS	NS	NS	NS	NS
1,2,3,7,8,9-HxCDD	0.64 J	NS	NS	NS	NS	NS	NS
1,2,3,7,8,9-HxCDF	6.4 U	NS	NS	NS	NS	NS	NS
1,2,3,7,8-PeCDD	6.4 U	NS	NS	NS	NS	NS	NS
1,2,3,7,8-PeCDF	6.4 U	NS	NS	NS	NS	NS	NS
1,2,3-Trichlorobenzene	NS	0.021 UJ	0.063 UJ	0.0061 U	0.0052 U	0.0055 UJ	0.005 U
1,2,4,5-Tetrachlorobenzene	NS	NS	NS	NS	NS	NS	NS
1,2,4-Trichlorobenzene	NS	0.021 UJ	0.063 UJ	0.0061 U	0.0052 U	0.0055 UJ	0.005 U
1,2-Dibromo-3-Chloropropane	NS	0.021 UJ	0.063 UJ	0.0061 U	0.0052 U	0.0055 UJ	0.005 U
1,2-Dibromoethane (Ethylene dibromide)	NS	0.021 U	0.063 U	0.0061 U	0.0052 U	0.0055 U	0.005 U
1,2-Dichlorobenzene	NS	0.021 UJ	0.063 UJ	0.0061 U	0.0052 U	0.0055 UJ	0.005 U
1,2-Dichloroethane	NS	0.021 U	0.063 U	0.0061 U	0.0052 U	0.0055 U	0.005 U
1,2-Dichloroethene (Total)	NS	NS	NS	NS	NS	NS	NS
1,2-Dichloropropane	NS	0.021 U	0.063 U	0.0061 U	0.0052 U	0.0055 U	0.005 U
1,3-Dichlorobenzene	NS	0.021 UJ	0.063 UJ	0.0061 U	0.0052 U	0.0055 UJ	0.005 U
1,4-Dichlorobenzene	NS	0.021 UJ	0.063 UJ	0.0061 U	0.0052 U	0.0055 UJ	0.005 U
2,3,4,6,7,8-HxCDF	NS	NS	NS	NS	NS	NS	NS
2,3,4,7,8-PeCDF	NS	NS	NS	NS	NS	NS	NS
2,3,7,8-TCDD	1.3 UX	NS	NS	NS	NS	NS	NS
2,3,7,8-TCDF	1.3 UX	NS	NS	NS	NS	NS	NS
2,4,5-Trichlorophenol	NS	NS	NS	NS	NS	NS	NS
2,4,6-Trichlorophenol	NS	NS	NS	NS	NS	NS	NS
2,4-Dichlorophenol	NS	NS	NS	NS	NS	NS	NS
2,4-Dimethylphenol	NS	NS	NS	NS	NS	NS	NS
2,4-Dinitrophenol	NS	NS	NS	NS	NS	NS	NS
2,4-Dinitrotoluene	NS	NS	NS	NS	NS	NS	NS
2,6-Dinitrotoluene	NS	NS	NS	NS	NS	NS	NS
2-Butanone (Methyl ethyl ketone) (a)	NS	0.057 J	0.063 U	0.0061 U	0.0052 U	0.03 J	0.005 U
2-Chloronaphthalene	NS	NS	NS	NS	NS	NS	NS
2-Chlorophenol	NS	NS	NS	NS	NS	NS	NS
2-Hexanone	NS	0.021 U	0.063 U	0.0061 U	0.0052 U	0.0055 U	0.005 U

**TABLE A-1**  
**Data Summary Table for Soil**

Sample Location: Sample Date: Unit: Start Depth (inches): End Depth (inches):	OCIFP-043 10/25/2011 pg/g	OCIFP-048 10/12/2011 mg/kg	OCIFP-048 10/12/2011 mg/kg	OCIFP-058 10/12/2011 mg/kg	OCIFP-058 10/12/2011 mg/kg	OCIFP-058 10/12/2011 mg/kg	OCIFP-058 10/12/2011 mg/kg
	12	12	23	12	24	32	44
	20	23	31	24	28	44	55
2-Methylnaphthalene	NS	NS	NS	NS	NS	NS	NS
2-Methylphenol (o-Cresol)	NS	NS	NS	NS	NS	NS	NS
2-Nitroaniline	NS	NS	NS	NS	NS	NS	NS
2-Nitrophenol	NS	NS	NS	NS	NS	NS	NS
3,3'-Dichlorobenzidine	NS	NS	NS	NS	NS	NS	NS
3+4-Methylphenol (m,p-Cresol)	NS	NS	NS	NS	NS	NS	NS
3-Nitroaniline	NS	NS	NS	NS	NS	NS	NS
4,4'-DDD	NS	NS	NS	NS	NS	NS	NS
4,4'-DDE	NS	NS	NS	NS	NS	NS	NS
4,4'-DDT	NS	NS	NS	NS	NS	NS	NS
4,6-Dinitro-2-Methylphenol	NS	NS	NS	NS	NS	NS	NS
4-Bromophenyl phenyl ether	NS	NS	NS	NS	NS	NS	NS
4-Chloro-3-Methylphenol	NS	NS	NS	NS	NS	NS	NS
4-Chloroaniline	NS	NS	NS	NS	NS	NS	NS
4-Chlorophenyl phenyl ether	NS	NS	NS	NS	NS	NS	NS
4-Methylphenol (p-Cresol)	NS	NS	NS	NS	NS	NS	NS
4-Nitroaniline	NS	NS	NS	NS	NS	NS	NS
4-Nitrophenol	NS	NS	NS	NS	NS	NS	NS
Acenaphthene	NS	NS	NS	NS	NS	NS	NS
Acenaphthylene	NS	NS	NS	NS	NS	NS	NS
Acetone (a)	NS	0.24 J	0.19 J	0.0061 U	0.0052 U	0.12 J	0.0093
Acetophenone	NS	NS	NS	NS	NS	NS	NS
Aldrin	NS	NS	NS	NS	NS	NS	NS
alpha-BHC	NS	NS	NS	NS	NS	NS	NS
alpha-Chlordane	NS	NS	NS	NS	NS	NS	NS
Aluminum	NS	NS	NS	NS	NS	NS	NS
Anthracene	NS	NS	NS	NS	NS	NS	NS
Antimony	NS	NS	NS	NS	NS	NS	NS
Arsenic	NS	NS	NS	NS	NS	NS	NS
Atrazine	NS	NS	NS	NS	NS	NS	NS
Barium	NS	NS	NS	NS	NS	NS	NS
Benzaldehyde	NS	NS	NS	NS	NS	NS	NS
Benzene	NS	0.021 U	0.063 U	0.0061 U	0.0052 U	0.0055 U	0.005 U
Benzo(a)anthracene	NS	NS	NS	NS	NS	NS	NS
Benzo(a)pyrene	NS	NS	NS	NS	NS	NS	NS
Benzo(b)fluoranthene	NS	NS	NS	NS	NS	NS	NS
Benzo(g,h,i)perylene	NS	NS	NS	NS	NS	NS	NS
Benzo(k)fluoranthene	NS	NS	NS	NS	NS	NS	NS
Beryllium	NS	NS	NS	NS	NS	NS	NS
beta-BHC	NS	NS	NS	NS	NS	NS	NS
beta-Chlordane	NS	NS	NS	NS	NS	NS	NS
bis(2-Chloroethoxy)methane	NS	NS	NS	NS	NS	NS	NS
bis(2-Chloroethyl)ether	NS	NS	NS	NS	NS	NS	NS
bis(2-Chloroisopropyl)ether	NS	NS	NS	NS	NS	NS	NS

**TABLE A-1**  
**Data Summary Table for Soil**

Sample Location: Sample Date: Unit: Start Depth (inches): End Depth (inches):	OCIFP-043 10/25/2011 pg/g	OCIFP-048 10/12/2011 mg/kg	OCIFP-048 10/12/2011 mg/kg	OCIFP-058 10/12/2011 mg/kg	OCIFP-058 10/12/2011 mg/kg	OCIFP-058 10/12/2011 mg/kg	OCIFP-058 10/12/2011 mg/kg
	12	12	23	12	24	32	44
	20	23	31	24	28	44	55
bis(2-Ethylhexyl)phthalate (b)	NS	NS	NS	NS	NS	NS	NS
Bromodichloromethane (Dichlorobromomethane)	NS	0.021 U	0.063 U	0.0061 U	0.0052 U	0.0055 U	0.005 U
Bromoform (Tribromomethane)	NS	0.021 U	0.063 U	0.0061 U	0.0052 U	0.0055 U	0.005 U
Bromomethane (Methyl bromide)	NS	0.021 UJ	0.063 UJ	0.0061 UJ	0.0052 UJ	0.0055 UJ	0.005 UJ
Butyl benzyl phthalate (b)	NS	NS	NS	NS	NS	NS	NS
Cadmium	NS	NS	NS	NS	NS	NS	NS
Calcium	NS	NS	NS	NS	NS	NS	NS
Caprolactam	NS	NS	NS	NS	NS	NS	NS
Carbazole	NS	NS	NS	NS	NS	NS	NS
Carbon disulfide (a)	NS	0.012 J (b)	0.016 J (b)	0.0061 U	0.0052 U	0.0055 U	0.0021 J (b)
Carbon tetrachloride	NS	0.021 U	0.063 U	0.0061 U	0.0052 U	0.0055 U	0.005 U
Chlordane (technical)	NS	NS	NS	NS	NS	NS	NS
Chlorobenzene	NS	0.021 U	0.063 U	0.0061 U	0.0052 U	0.0055 U	0.005 U
Chlorobromomethane (Bromochloromethane)	NS	0.021 U	0.063 U	0.0061 U	0.0052 U	0.0055 U	0.005 U
Chlorodibromomethane (Dibromochloromethane)	NS	0.021 U	0.063 U	0.0061 U	0.0052 U	0.0055 U	0.005 U
Chloroethane	NS	0.021 U	0.063 U	0.0061 U	0.0052 U	0.0055 U	0.005 U
Chloroform	NS	0.021 U	0.063 U	0.0061 U	0.0052 U	0.0055 U	0.005 U
Chloromethane (Methyl chloride)	NS	0.021 U	0.063 U	0.0061 U	0.0052 U	0.0055 U	0.005 U
Chromium	NS	NS	NS	NS	NS	NS	NS
Chrysene	NS	NS	NS	NS	NS	NS	NS
cis-1,2-Dichloroethene	NS	0.021 U	0.063 U	0.0061 U	0.0052 U	0.0055 U	0.005 U
cis-1,3-Dichloropropene	NS	0.021 U	0.063 U	0.0061 U	0.0052 U	0.0055 U	0.005 U
Cobalt	NS	NS	NS	NS	NS	NS	NS
Copper	NS	NS	NS	NS	NS	NS	NS
Cyanide	NS	NS	NS	NS	NS	NS	NS
delta-BHC	NS	NS	NS	NS	NS	NS	NS
Dibenzo(a,h)anthracene	NS	NS	NS	NS	NS	NS	NS
Dibenzofuran	NS	NS	NS	NS	NS	NS	NS
Dichlorodifluoromethane	NS	0.021 U	0.063 U	0.0061 U	0.0052 U	0.0055 U	0.005 U
Dieldrin	NS	NS	NS	NS	NS	NS	NS
Diethyl phthalate (b)	NS	NS	NS	NS	NS	NS	NS
Dimethyl phthalate	NS	NS	NS	NS	NS	NS	NS
Di-n-butyl phthalate (b)	NS	NS	NS	NS	NS	NS	NS
Di-n-octyl phthalate	NS	NS	NS	NS	NS	NS	NS
Endosulfan I	NS	NS	NS	NS	NS	NS	NS
Endosulfan II	NS	NS	NS	NS	NS	NS	NS
Endosulfan sulfate	NS	NS	NS	NS	NS	NS	NS
Endrin	NS	NS	NS	NS	NS	NS	NS
Endrin aldehyde	NS	NS	NS	NS	NS	NS	NS
Endrin ketone	NS	NS	NS	NS	NS	NS	NS
Ethylbenzene	NS	0.021 U	0.063 U	0.0061 U	0.0052 U	0.0055 U	0.005 U
Fluoranthene	NS	NS	NS	NS	NS	NS	NS
Fluorene	NS	NS	NS	NS	NS	NS	NS
Freon-113 (1,1,2-trichloro-1,2,2-trifluoroethane)	NS	0.021 U	0.063 U	0.0061 U	0.0052 U	0.0055 U	0.005 U

**TABLE A-1**  
**Data Summary Table for Soil**

Sample Location: Sample Date: Unit: Start Depth (inches): End Depth (inches):	OCIFP-043 10/25/2011 pg/g	OCIFP-048 10/12/2011 mg/kg	OCIFP-048 10/12/2011 mg/kg	OCIFP-058 10/12/2011 mg/kg	OCIFP-058 10/12/2011 mg/kg	OCIFP-058 10/12/2011 mg/kg	OCIFP-058 10/12/2011 mg/kg
	12	12	23	12	24	32	44
	20	23	31	24	28	44	55
gamma-BHC (Lindane)	NS	NS	NS	NS	NS	NS	NS
gamma-Chlordane	NS	NS	NS	NS	NS	NS	NS
Heptachlor	NS	NS	NS	NS	NS	NS	NS
Heptachlor Epoxide	NS	NS	NS	NS	NS	NS	NS
Hexachlorobenzene	NS	NS	NS	NS	NS	NS	NS
Hexachlorobutadiene	NS	NS	NS	NS	NS	NS	NS
Hexachlorocyclopentadiene	NS	NS	NS	NS	NS	NS	NS
Hexachloroethane	NS	NS	NS	NS	NS	NS	NS
Indeno(1,2,3-cd)pyrene	NS	NS	NS	NS	NS	NS	NS
Iron	NS	NS	NS	NS	NS	NS	NS
Isophorone	NS	NS	NS	NS	NS	NS	NS
Isopropylbenzene (Cumene)	NS	0.021 UJ	0.063 UJ	0.0061 U	0.0052 U	0.0055 UJ	0.005 U
Lead	NS	NS	NS	NS	NS	NS	NS
Magnesium	NS	NS	NS	NS	NS	NS	NS
Manganese	NS	NS	NS	NS	NS	NS	NS
Mercury	NS	2.6	0.64	0.091	0.053	0.36	0.089
Methoxychlor	NS	NS	NS	NS	NS	NS	NS
Methyl isobutyl ketone (4-Methyl-2-pentanone)	NS	0.021 U	0.063 U	0.0061 U	0.0052 U	0.0055 U	0.005 U
Methyl tertiary butyl ether (MTBE)	NS	0.021 U	0.063 U	0.0061 U	0.0052 U	0.0055 U	0.005 U
Methylene chloride (Dichloromethane) (a)	NS	0.021 U	0.063 U	0.0061 U	0.0052 U	0.0055 U	0.005 U
Naphthalene	NS	NS	NS	NS	NS	NS	NS
Nickel	NS	NS	NS	NS	NS	NS	NS
Nitrobenzene	NS	NS	NS	NS	NS	NS	NS
N-Nitrosodi-n-propylamine	NS	NS	NS	NS	NS	NS	NS
N-Nitrosodiphenylamine	NS	NS	NS	NS	NS	NS	NS
OCDD	270	NS	NS	NS	NS	NS	NS
OCDF	7.2 J	NS	NS	NS	NS	NS	NS
Pentachlorophenol	NS	NS	NS	NS	NS	NS	NS
Phenanthrene	NS	NS	NS	NS	NS	NS	NS
Phenol	NS	NS	NS	NS	NS	NS	NS
Potassium	NS	NS	NS	NS	NS	NS	NS
Pyrene	NS	NS	NS	NS	NS	NS	NS
Selenium	NS	NS	NS	NS	NS	NS	NS
Silver	NS	NS	NS	NS	NS	NS	NS
Sodium	NS	NS	NS	NS	NS	NS	NS
Styrene	NS	0.021 U	0.063 U	0.0061 U	0.0052 U	0.0055 U	0.005 U
Tetrachloroethene (PCE)	NS	0.021 U	0.063 U	0.0061 U	0.0052 U	0.0055 U	0.005 U
Thallium	NS	NS	NS	NS	NS	NS	NS
Toluene (a)	NS	0.021 U	0.063 UB	0.0061 U	0.0052 U	0.0055 U	0.005 U
Toxaphene	NS	NS	NS	NS	NS	NS	NS
trans-1,2-Dichloroethene	NS	0.021 U	0.063 U	0.0061 U	0.0052 U	0.0055 U	0.005 U
trans-1,3-Dichloropropene	NS	0.021 U	0.063 U	0.0061 U	0.0052 U	0.0055 U	0.005 U
Trichloroethene (TCE)	NS	0.021 U	0.063 U	0.0061 U	0.0052 U	0.0055 U	0.005 U
Trichlorofluoromethane	NS	0.021 U	0.063 U	0.0061 U	0.0052 U	0.0055 U	0.005 U

TABLE A-1  
Data Summary Table for Soil

Sample Location: Sample Date: Unit: Start Depth (inches): End Depth (inches):	OCIFP-043 10/25/2011 pg/g	OCIFP-048 10/12/2011 mg/kg	OCIFP-048 10/12/2011 mg/kg	OCIFP-058 10/12/2011 mg/kg	OCIFP-058 10/12/2011 mg/kg	OCIFP-058 10/12/2011 mg/kg	OCIFP-058 10/12/2011 mg/kg
	12	12	23	12	24	32	44
	20	23	31	24	28	44	55
Vanadium	NS	NS	NS	NS	NS	NS	NS
Vinyl Chloride	NS	0.021 U	0.063 U	0.0061 U	0.0052 U	0.0055 U	0.005 U
Xylenes, Total	NS	0.021 U	0.063 U	0.0061 U	0.0052 U	0.0055 U	0.005 U
Zinc	NS	NS	NS	NS	NS	NS	NS

Notes:  
(a) Potential laboratory contaminant.  
(b) For potential lab contaminants: The detected value is  
J / B flagged and the result is less than the reporting  
limit; the sample is considered a non-detect.

**TABLE A-1**  
**Data Summary Table for Soil**

Sample Location: Sample Date: Unit: Start Depth (inches): End Depth (inches):	OCIFP-058 10/12/2011 mg/kg	OCIFP-058 10/12/2011 mg/kg	OCIFP-058 10/12/2011 pg/g	OCIFP-063 10/12/2011 mg/kg	OCIFP-063 10/12/2011 pg/g	OCIFP-068 10/12/2011 mg/kg	OCIFP-068 10/12/2011 mg/kg
	55	57	57	12	12	12	24
	57	60	60	24	24	24	36
1,1,1-Trichloroethane	0.0057 U	0.012 U	NS	NS	NS	0.0052 U	0.0055 U
1,1,2,2-Tetrachloroethane	0.0057 U	0.012 UJ	NS	NS	NS	0.0052 U	0.0055 U
1,1,2-Trichloroethane	0.0057 U	0.012 UJ	NS	NS	NS	0.0052 U	0.0055 U
1,1-Dichloroethane	0.0057 U	0.012 U	NS	NS	NS	0.0052 U	0.0055 U
1,1-Dichloroethene	0.0057 U	0.012 U	NS	NS	NS	0.0052 U	0.0055 U
1,2,3,4,6,7,8,9-OCDD	NS	NS	NS	NS	NS	NS	NS
1,2,3,4,6,7,8,9-OCDF	NS	NS	NS	NS	NS	NS	NS
1,2,3,4,6,7,8-HpCDD	NS	NS	11000	NS	74	NS	NS
1,2,3,4,6,7,8-HpCDF	NS	NS	910	NS	10	NS	NS
1,2,3,4,7,8,9-HpCDF	NS	NS	110 UX	NS	5.5 UX	NS	NS
1,2,3,4,7,8-HxCDD	NS	NS	35 J	NS	5.5 UX	NS	NS
1,2,3,4,7,8-HxCDF	NS	NS	110 UX	NS	5.5 UX	NS	NS
1,2,3,6,7,8-HxCDD	NS	NS	240	NS	3.2 J	NS	NS
1,2,3,6,7,8-HxCDF	NS	NS	110 UX	NS	5.5 UX	NS	NS
1,2,3,7,8,9-HxCDD	NS	NS	110	NS	1.5 J	NS	NS
1,2,3,7,8,9-HxCDF	NS	NS	110 UX	NS	5.5 U	NS	NS
1,2,3,7,8-PeCDD	NS	NS	110 UX	NS	5.5 UX	NS	NS
1,2,3,7,8-PeCDF	NS	NS	110 UX	NS	0.28 J	NS	NS
1,2,3-Trichlorobenzene	0.0057 U	0.012 UJ	NS	NS	NS	0.0052 U	0.0055 U
1,2,4,5-Tetrachlorobenzene	NS	3.9 U	NS	0.38 U	NS	NS	NS
1,2,4-Trichlorobenzene	0.0057 U	0.012 UJ	NS	NS	NS	0.0052 U	0.0055 U
1,2-Dibromo-3-Chloropropane	0.0057 U	0.012 UJ	NS	NS	NS	0.0052 U	0.0055 U
1,2-Dibromoethane (Ethylene dibromide)	0.0057 U	0.012 UJ	NS	NS	NS	0.0052 U	0.0055 U
1,2-Dichlorobenzene	0.0057 U	0.012 UJ	NS	NS	NS	0.0052 U	0.0055 U
1,2-Dichloroethane	0.0057 U	0.012 U	NS	NS	NS	0.0052 U	0.0055 U
1,2-Dichloroethene (Total)	NS	NS	NS	NS	NS	NS	NS
1,2-Dichloropropane	0.0057 U	0.012 U	NS	NS	NS	0.0052 U	0.0055 U
1,3-Dichlorobenzene	0.0057 U	0.012 UJ	NS	NS	NS	0.0052 U	0.0055 U
1,4-Dichlorobenzene	0.0057 U	0.012 UJ	NS	NS	NS	0.0052 U	0.0055 U
2,3,4,6,7,8-HxCDF	NS	NS	NS	NS	NS	NS	NS
2,3,4,7,8-PeCDF	NS	NS	NS	NS	NS	NS	NS
2,3,7,8-TCDD	NS	NS	460	NS	1.6	NS	NS
2,3,7,8-TCDF	NS	NS	1400	NS	5.1	NS	NS
2,4,5-Trichlorophenol	NS	9.9 U	NS	0.94 U	NS	NS	NS
2,4,6-Trichlorophenol	NS	3.9 U	NS	0.38 U	NS	NS	NS
2,4-Dichlorophenol	NS	3.9 U	NS	0.38 U	NS	NS	NS
2,4-Dimethylphenol	NS	3.9 U	NS	0.38 U	NS	NS	NS
2,4-Dinitrophenol	NS	9.9 U	NS	0.94 U	NS	NS	NS
2,4-Dinitrotoluene	NS	3.9 U	NS	0.38 U	NS	NS	NS
2,6-Dinitrotoluene	NS	3.9 U	NS	0.38 U	NS	NS	NS
2-Butanone (Methyl ethyl ketone) (a)	0.014 J	0.012 U	NS	NS	NS	0.0052 U	0.0055 U
2-Chloronaphthalene	NS	NS	NS	NS	NS	NS	NS
2-Chlorophenol	NS	3.9 U	NS	0.38 U	NS	NS	NS
2-Hexanone	0.0057 U	0.012 UJ	NS	NS	NS	0.0052 U	0.0055 U



**TABLE A-1**  
**Data Summary Table for Soil**

Sample Location: Sample Date: Unit: Start Depth (inches): End Depth (inches):	OCIFP-058 10/12/2011 mg/kg	OCIFP-058 10/12/2011 mg/kg	OCIFP-058 10/12/2011 pg/g	OCIFP-063 10/12/2011 mg/kg	OCIFP-063 10/12/2011 pg/g	OCIFP-068 10/12/2011 mg/kg	OCIFP-068 10/12/2011 mg/kg
	55	57	57	12	12	12	24
	57	60	60	24	24	24	36
2-Methylnaphthalene	NS	0.29	NS	0.38 U	NS	NS	NS
2-Methylphenol (o-Cresol)	NS	3.9 U	NS	0.38 U	NS	NS	NS
2-Nitroaniline	NS	9.9 U	NS	0.94 U	NS	NS	NS
2-Nitrophenol	NS	3.9 U	NS	0.38 U	NS	NS	NS
3,3'-Dichlorobenzidine	NS	3.9 U	NS	0.38 U	NS	NS	NS
3+4-Methylphenol (m,p-Cresol)	NS	8 U	NS	0.76 U	NS	NS	NS
3-Nitroaniline	NS	9.9 U	NS	0.94 U	NS	NS	NS
4,4'-DDD	NS	0.19 U	NS	0.0006 J	NS	NS	NS
4,4'-DDE	NS	0.098 J	NS	0.0013 J	NS	NS	NS
4,4'-DDT	NS	0.19 U	NS	0.0038 U	NS	NS	NS
4,6-Dinitro-2-Methylphenol	NS	9.9 U	NS	0.94 U	NS	NS	NS
4-Bromophenyl phenyl ether	NS	3.9 U	NS	0.38 U	NS	NS	NS
4-Chloro-3-Methylphenol	NS	3.9 U	NS	0.38 U	NS	NS	NS
4-Chloroaniline	NS	3.9 U	NS	0.38 U	NS	NS	NS
4-Chlorophenyl phenyl ether	NS	3.9 U	NS	0.38 U	NS	NS	NS
4-Methylphenol (p-Cresol)	NS	NS	NS	NS	NS	NS	NS
4-Nitroaniline	NS	9.9 U	NS	0.94 U	NS	NS	NS
4-Nitrophenol	NS	9.9 U	NS	0.94 U	NS	NS	NS
Acenaphthene	NS	3.9 U	NS	0.38 U	NS	NS	NS
Acenaphthylene	NS	3.9 U	NS	0.38 U	NS	NS	NS
Acetone (a)	0.062 J	0.37 J	NS	NS	NS	0.0052 U	0.012
Acetophenone	NS	3.9 U	NS	0.38 U	NS	NS	NS
Aldrin	NS	0.1 U	NS	0.0019 U	NS	NS	NS
alpha-BHC	NS	0.0085 J	NS	0.0019 U	NS	NS	NS
alpha-Chlordane	NS	0.1 U	NS	0.00055 J	NS	NS	NS
Aluminum	NS	15100	NS	2180	NS	NS	NS
Anthracene	NS	3.9 U	NS	0.38 U	NS	NS	NS
Antimony	NS	11 U	NS	4.9 U	NS	NS	NS
Arsenic	NS	17.1	NS	2.5	NS	NS	NS
Atrazine	NS	3.9 U	NS	0.38 U	NS	NS	NS
Barium	NS	348 J	NS	18.1 J	NS	NS	NS
Benzaldehyde	NS	3.9 U	NS	0.019	NS	NS	NS
Benzene	0.0057 U	0.012 U	NS	NS	NS	0.0052 U	0.0055 U
Benzo(a)anthracene	NS	3.9 U	NS	0.027	NS	NS	NS
Benzo(a)pyrene	NS	3.9 U	NS	0.38 U	NS	NS	NS
Benzo(b)fluoranthene	NS	3.9 U	NS	0.38 U	NS	NS	NS
Benzo(g,h,i)perylene	NS	3.9 U	NS	0.38 U	NS	NS	NS
Benzo(k)fluoranthene	NS	3.9 U	NS	0.035	NS	NS	NS
Beryllium	NS	0.6 J	NS	0.11 J	NS	NS	NS
beta-BHC	NS	0.1 U	NS	0.0024 J	NS	NS	NS
beta-Chlordane	NS	0.1 U	NS	0.0019 U	NS	NS	NS
bis(2-Chloroethoxy)methane	NS	3.9 U	NS	0.38 U	NS	NS	NS
bis(2-Chloroethyl)ether	NS	3.9 U	NS	0.38 U	NS	NS	NS
bis(2-Chloroisopropyl)ether	NS	3.9 U	NS	0.38 U	NS	NS	NS

**TABLE A-1**  
**Data Summary Table for Soil**

Sample Location: Sample Date: Unit: Start Depth (inches): End Depth (inches):	OCIFP-058 10/12/2011 mg/kg 55 57	OCIFP-058 10/12/2011 mg/kg 57 60	OCIFP-058 10/12/2011 pg/g 57 60	OCIFP-063 10/12/2011 mg/kg 12 24	OCIFP-063 10/12/2011 pg/g 12 24	OCIFP-068 10/12/2011 mg/kg 12 24	OCIFP-068 10/12/2011 mg/kg 24 36
bis(2-Ethylhexyl)phthalate (b)	NS	1.3	NS	0.38 U	NS	NS	NS
Bromodichloromethane (Dichlorobromomethane)	0.0057 U	0.012 U	NS	NS	NS	0.0052 U	0.0055 U
Bromoform (Tribromomethane)	0.0057 U	0.012 UJ	NS	NS	NS	0.0052 U	0.0055 U
Bromomethane (Methyl bromide)	0.0057 UJ	0.012 UJ	NS	NS	NS	0.0052 UJ	0.0055 UJ
Butyl benzyl phthalate (b)	NS	3.9 U	NS	0.38 U	NS	NS	NS
Cadmium	NS	6.2	NS	0.29 J	NS	NS	NS
Calcium	NS	29900 J	NS	47700 J	NS	NS	NS
Caprolactam	NS	3.9 U	NS	0.38 U	NS	NS	NS
Carbazole	NS	3.9 U	NS	0.38 U	NS	NS	NS
Carbon disulfide (a)	0.0038 J (b)	0.01 J (b)	NS	NS	NS	0.0052 U	0.0022 J (b)
Carbon tetrachloride	0.0057 U	0.012 U	NS	NS	NS	0.0052 U	0.0055 U
Chlordane (technical)	NS	1 U	NS	0.019 U	NS	NS	NS
Chlorobenzene	0.0057 U	0.012 UJ	NS	NS	NS	0.0052 U	0.0055 U
Chlorobromomethane (Bromochloromethane)	0.0057 U	0.012 U	NS	NS	NS	0.0052 U	0.0055 U
Chlorodibromomethane (Dibromochloromethane)	0.0057 U	0.012 UJ	NS	NS	NS	0.0052 U	0.0055 U
Chloroethane	0.0057 U	0.012 U	NS	NS	NS	0.0052 U	0.0055 U
Chloroform	0.0057 U	0.012 U	NS	NS	NS	0.0052 U	0.0055 U
Chloromethane (Methyl chloride)	0.0057 U	0.012 U	NS	NS	NS	0.0052 U	0.0055 U
Chromium	NS	201 J	NS	18.8 J	NS	NS	NS
Chrysene	NS	0.21	NS	0.033	NS	NS	NS
cis-1,2-Dichloroethene	0.0057 U	0.012 U	NS	NS	NS	0.0052 U	0.0055 U
cis-1,3-Dichloropropene	0.0057 U	0.012 U	NS	NS	NS	0.0052 U	0.0055 U
Cobalt	NS	8.8 J	NS	2.3 J	NS	NS	NS
Copper	NS	209	NS	10.8	NS	NS	NS
Cyanide	NS	NS	NS	NS	NS	NS	NS
delta-BHC	NS	NS	NS	NS	NS	NS	NS
Dibenzo(a,h)anthracene	NS	3.9 U	NS	0.38 U	NS	NS	NS
Dibenzofuran	NS	3.9 U	NS	0.38 U	NS	NS	NS
Dichlorodifluoromethane	0.0057 U	0.012 U	NS	NS	NS	0.0052 U	0.0055 U
Dieldrin	NS	0.19 U	NS	0.0038 U	NS	NS	NS
Diethyl phthalate (b)	NS	3.9 U	NS	0.38 U	NS	NS	NS
Dimethyl phthalate	NS	3.9 U	NS	0.38 U	NS	NS	NS
Di-n-butyl phthalate (b)	NS	3.9 U	NS	0.38 U	NS	NS	NS
Di-n-octyl phthalate	NS	3.9 U	NS	0.38 U	NS	NS	NS
Endosulfan I	NS	0.1 U	NS	0.0019 U	NS	NS	NS
Endosulfan II	NS	0.19 U	NS	0.0038 U	NS	NS	NS
Endosulfan sulfate	NS	0.19 U	NS	0.0038 U	NS	NS	NS
Endrin	NS	0.19 U	NS	0.0038 U	NS	NS	NS
Endrin aldehyde	NS	0.19 U	NS	0.0038 U	NS	NS	NS
Endrin ketone	NS	0.19 U	NS	0.0038 U	NS	NS	NS
Ethylbenzene	0.0057 U	0.012 UJ	NS	NS	NS	0.0052 U	0.0055 U
Fluoranthene	NS	0.21	NS	0.028	NS	NS	NS
Fluorene	NS	3.9 U	NS	0.38 U	NS	NS	NS
Freon-113 (1,1,2-trichloro-1,2,2-trifluoroethane)	0.0057 U	0.012 U	NS	NS	NS	0.0052 U	0.0055 U

**TABLE A-1**  
**Data Summary Table for Soil**

Sample Location: Sample Date: Unit: Start Depth (inches): End Depth (inches):	OCIFP-058 10/12/2011 mg/kg	OCIFP-058 10/12/2011 mg/kg	OCIFP-058 10/12/2011 pg/g	OCIFP-063 10/12/2011 mg/kg	OCIFP-063 10/12/2011 pg/g	OCIFP-068 10/12/2011 mg/kg	OCIFP-068 10/12/2011 mg/kg
	55	57	57	12	12	12	24
	57	60	60	24	24	24	36
gamma-BHC (Lindane)	NS	0.1 U	NS	0.0019 U	NS	NS	NS
gamma-Chlordane	NS	NS	NS	NS	NS	NS	NS
Heptachlor	NS	0.26 JN	NS	0.0019 U	NS	NS	NS
Heptachlor Epoxide	NS	0.12 JN	NS	0.0019 U	NS	NS	NS
Hexachlorobenzene	NS	3.9 U	NS	0.38 U	NS	NS	NS
Hexachlorobutadiene	NS	3.9 U	NS	0.38 U	NS	NS	NS
Hexachlorocyclopentadiene	NS	3.9 U	NS	0.38 U	NS	NS	NS
Hexachloroethane	NS	3.9 U	NS	0.38 U	NS	NS	NS
Indeno(1,2,3-cd)pyrene	NS	3.9 U	NS	0.38 U	NS	NS	NS
Iron	NS	16000 J	NS	5500 J	NS	NS	NS
Isophorone	NS	3.9 U	NS	0.38 U	NS	NS	NS
Isopropylbenzene (Cumene)	0.0057 U	0.012 UJ	NS	NS	NS	0.0052 U	0.0055 U
Lead	NS	598	NS	14.5	NS	NS	NS
Magnesium	NS	10100	NS	12100	NS	NS	NS
Manganese	NS	195 J	NS	133 J	NS	NS	NS
Mercury	0.24	3.7	NS	0.094	NS	0.042	0.087
Methoxychlor	NS	1 U	NS	0.019 U	NS	NS	NS
Methyl isobutyl ketone (4-Methyl-2-pentanone)	0.0057 U	0.012 U	NS	NS	NS	0.0052 U	0.0055 U
Methyl tertiary butyl ether (MTBE)	0.0057 U	0.012 U	NS	NS	NS	0.0052 U	0.0055 U
Methylene chloride (Dichloromethane) (a)	0.0057 U	0.012 U	NS	NS	NS	0.0052 U	0.0055 U
Naphthalene	NS	3.9 U	NS	0.38 U	NS	NS	NS
Nickel	NS	37.3 J	NS	10.4 J	NS	NS	NS
Nitrobenzene	NS	3.9 U	NS	0.38 U	NS	NS	NS
N-Nitrosodi-n-propylamine	NS	3.9 U	NS	0.38 U	NS	NS	NS
N-Nitrosodiphenylamine	NS	4.6 U	NS	0.44 U	NS	NS	NS
OCDD	NS	NS	130000 EJ	NS	650	NS	NS
OCDF	NS	NS	2500	NS	10 J	NS	NS
Pentachlorophenol	NS	9.9 U	NS	0.94 U	NS	NS	NS
Phenanthrene	NS	0.25	NS	0.38 U	NS	NS	NS
Phenol	NS	3.9 U	NS	0.38 U	NS	NS	NS
Potassium	NS	544 J	NS	175 J	NS	NS	NS
Pyrene	NS	0.25	NS	0.033	NS	NS	NS
Selenium	NS	6.4 U	NS	2.8 U	NS	NS	NS
Silver	NS	3.2	NS	0.81 U	NS	NS	NS
Sodium	NS	112 J	NS	64 J	NS	NS	NS
Styrene	0.0057 U	0.012 UJ	NS	NS	NS	0.0052 U	0.0055 U
Tetrachloroethene (PCE)	0.0057 U	0.012 UJ	NS	NS	NS	0.0052 U	0.0055 U
Thallium	NS	4.6 U	NS	2 U	NS	NS	NS
Toluene (a)	0.00092 J (b)	0.012 UJ	NS	NS	NS	0.0052 U	0.0055 U
Toxaphene	NS	10 U	NS	0.19 U	NS	NS	NS
trans-1,2-Dichloroethene	0.0057 U	0.012 U	NS	NS	NS	0.0052 U	0.0055 U
trans-1,3-Dichloropropene	0.0057 U	0.012 U	NS	NS	NS	0.0052 U	0.0055 U
Trichloroethene (TCE)	0.0057 U	0.012 U	NS	NS	NS	0.0052 U	0.0055 U
Trichlorofluoromethane	0.0057 U	0.012 U	NS	NS	NS	0.0052 U	0.0055 U

TABLE A-1  
Data Summary Table for Soil

Sample Location: Sample Date: Unit: Start Depth (inches): End Depth (inches):	OCIFP-058 10/12/2011 mg/kg	OCIFP-058 10/12/2011 mg/kg	OCIFP-058 10/12/2011 pg/g	OCIFP-063 10/12/2011 mg/kg	OCIFP-063 10/12/2011 pg/g	OCIFP-068 10/12/2011 mg/kg	OCIFP-068 10/12/2011 mg/kg
	55	57	57	12	12	12	24
	57	60	60	24	24	24	36
Vanadium	NS	25.5	NS	5.9	NS	NS	NS
Vinyl Chloride	0.0057 U	0.012 U	NS	NS	NS	0.0052 U	0.0055 U
Xylenes, Total	0.0057 U	0.012 UJ	NS	NS	NS	0.0052 U	0.0055 U
Zinc	NS	580 J	NS	36.8 J	NS	NS	NS

Notes:

- (a) Potential laboratory contaminant.
- (b) For potential lab contaminants: The detected value is J / B flagged and the result is less than the reporting limit; the sample is considered a non-detect.

**TABLE A-1**  
**Data Summary Table for Soil**

Sample Location: Sample Date: Unit: Start Depth (inches): End Depth (inches):	OCIFP-068 10/12/2011 mg/kg	OCIFP-068 10/12/2011 mg/kg	OCIFP-068 10/12/2011 mg/kg	OCIFP-073 10/12/2011 mg/kg	OCIFP-073 10/12/2011 pg/g	OCIFP-078 10/13/2011 mg/kg	OCIFP-078 10/13/2011 mg/kg
	36	48	60	19	19	12	24
	48	60	66	27	27	24	31
1,1,1-Trichloroethane	0.0057 U	0.0087 U	0.012 U	NS	NS	0.005 U	0.0051 U
1,1,2,2-Tetrachloroethane	0.0057 U	0.0087 UJ	0.012 UJ	NS	NS	0.005 U	0.0051 UJ
1,1,2-Trichloroethane	0.0057 U	0.0087 U	0.012 UJ	NS	NS	0.005 U	0.0051 U
1,1-Dichloroethane	0.0057 U	0.0087 U	0.012 U	NS	NS	0.005 U	0.0051 U
1,1-Dichloroethene	0.0057 U	0.0087 U	0.012 U	NS	NS	0.005 U	0.0051 U
1,2,3,4,6,7,8,9-OCDD	NS	NS	NS	NS	NS	NS	NS
1,2,3,4,6,7,8,9-OCDF	NS	NS	NS	NS	NS	NS	NS
1,2,3,4,6,7,8-HpCDD	NS	NS	NS	NS	17000	NS	NS
1,2,3,4,6,7,8-HpCDF	NS	NS	NS	NS	1300	NS	NS
1,2,3,4,7,8,9-HpCDF	NS	NS	NS	NS	100 J	NS	NS
1,2,3,4,7,8-HxCDD	NS	NS	NS	NS	58 J	NS	NS
1,2,3,4,7,8-HxCDF	NS	NS	NS	NS	110 UX	NS	NS
1,2,3,6,7,8-HxCDD	NS	NS	NS	NS	340	NS	NS
1,2,3,6,7,8-HxCDF	NS	NS	NS	NS	110 UX	NS	NS
1,2,3,7,8,9-HxCDD	NS	NS	NS	NS	180 J	NS	NS
1,2,3,7,8,9-HxCDF	NS	NS	NS	NS	3.8 J	NS	NS
1,2,3,7,8-PeCDD	NS	NS	NS	NS	110 UX	NS	NS
1,2,3,7,8-PeCDF	NS	NS	NS	NS	110 UX	NS	NS
1,2,3-Trichlorobenzene	0.0057 U	0.0087 UJ	0.012 UJ	NS	NS	0.005 U	0.0051 UJ
1,2,4,5-Tetrachlorobenzene	NS	NS	NS	2.6 U	NS	NS	NS
1,2,4-Trichlorobenzene	0.0057 U	0.0087 UJ	0.012 UJ	NS	NS	0.005 U	0.0051 UJ
1,2-Dibromo-3-Chloropropane	0.0057 U	0.0087 UJ	0.012 UJ	NS	NS	0.005 U	0.0051 UJ
1,2-Dibromoethane (Ethylene dibromide)	0.0057 U	0.0087 U	0.012 UJ	NS	NS	0.005 U	0.0051 U
1,2-Dichlorobenzene	0.0057 U	0.0087 UJ	0.012 UJ	NS	NS	0.005 U	0.0051 UJ
1,2-Dichloroethane	0.0057 U	0.0087 U	0.012 U	NS	NS	0.005 U	0.0051 U
1,2-Dichloroethene (Total)	NS	NS	NS	NS	NS	NS	NS
1,2-Dichloropropane	0.0057 U	0.0087 U	0.012 U	NS	NS	0.005 U	0.0051 U
1,3-Dichlorobenzene	0.0057 U	0.0087 UJ	0.012 UJ	NS	NS	0.005 U	0.0051 UJ
1,4-Dichlorobenzene	0.0057 U	0.0087 UJ	0.012 UJ	NS	NS	0.005 U	0.0051 UJ
2,3,4,6,7,8-HxCDF	NS	NS	NS	NS	NS	NS	NS
2,3,4,7,8-PeCDF	NS	NS	NS	NS	NS	NS	NS
2,3,7,8-TCDD	NS	NS	NS	NS	650	NS	NS
2,3,7,8-TCDF	NS	NS	NS	NS	1100	NS	NS
2,4,5-Trichlorophenol	NS	NS	NS	6.7 U	NS	NS	NS
2,4,6-Trichlorophenol	NS	NS	NS	2.6 U	NS	NS	NS
2,4-Dichlorophenol	NS	NS	NS	2.6 U	NS	NS	NS
2,4-Dimethylphenol	NS	NS	NS	2.6 U	NS	NS	NS
2,4-Dinitrophenol	NS	NS	NS	6.7 U	NS	NS	NS
2,4-Dinitrotoluene	NS	NS	NS	2.6 U	NS	NS	NS
2,6-Dinitrotoluene	NS	NS	NS	2.6 U	NS	NS	NS
2-Butanone (Methyl ethyl ketone) (a)	0.0057 U	0.045 J	0.08	NS	NS	0.005 U	0.0051 U
2-Chloronaphthalene	NS	NS	NS	NS	NS	NS	NS
2-Chlorophenol	NS	NS	NS	2.6 U	NS	NS	NS
2-Hexanone	0.0057 U	0.0087 U	0.012 UJ	NS	NS	0.005 U	0.0051 U

**TABLE A-1**  
**Data Summary Table for Soil**

Sample Location: Sample Date: Unit: Start Depth (inches): End Depth (inches):	OCIFP-068 10/12/2011 mg/kg	OCIFP-068 10/12/2011 mg/kg	OCIFP-068 10/12/2011 mg/kg	OCIFP-073 10/12/2011 mg/kg	OCIFP-073 10/12/2011 pg/g	OCIFP-078 10/13/2011 mg/kg	OCIFP-078 10/13/2011 mg/kg
	36	48	60	19	19	12	24
	48	60	66	27	27	24	31
2-Methylnaphthalene	NS	NS	NS	0.15	NS	NS	NS
2-Methylphenol (o-Cresol)	NS	NS	NS	2.6 U	NS	NS	NS
2-Nitroaniline	NS	NS	NS	6.7 U	NS	NS	NS
2-Nitrophenol	NS	NS	NS	2.6 U	NS	NS	NS
3,3'-Dichlorobenzidine	NS	NS	NS	2.6 U	NS	NS	NS
3+4-Methylphenol (m,p-Cresol)	NS	NS	NS	5.4 U	NS	NS	NS
3-Nitroaniline	NS	NS	NS	6.7 U	NS	NS	NS
4,4'-DDD	NS	NS	NS	0.2 U	NS	NS	NS
4,4'-DDE	NS	NS	NS	0.12 J	NS	NS	NS
4,4'-DDT	NS	NS	NS	0.2 U	NS	NS	NS
4,6-Dinitro-2-Methylphenol	NS	NS	NS	6.7 U	NS	NS	NS
4-Bromophenyl phenyl ether	NS	NS	NS	2.6 U	NS	NS	NS
4-Chloro-3-Methylphenol	NS	NS	NS	2.6 U	NS	NS	NS
4-Chloroaniline	NS	NS	NS	2.6 U	NS	NS	NS
4-Chlorophenyl phenyl ether	NS	NS	NS	2.6 U	NS	NS	NS
4-Methylphenol (p-Cresol)	NS	NS	NS	NS	NS	NS	NS
4-Nitroaniline	NS	NS	NS	6.7 U	NS	NS	NS
4-Nitrophenol	NS	NS	NS	6.7 U	NS	NS	NS
Acenaphthene	NS	NS	NS	2.6 U	NS	NS	NS
Acenaphthylene	NS	NS	NS	2.6 U	NS	NS	NS
Acetone (a)	0.034 J	0.15	0.3 J	NS	NS	0.005 U	0.014
Acetophenone	NS	NS	NS	2.6 U	NS	NS	NS
Aldrin	NS	NS	NS	0.1 U	NS	NS	NS
alpha-BHC	NS	NS	NS	0.0081 J	NS	NS	NS
alpha-Chlordane	NS	NS	NS	0.1 U	NS	NS	NS
Aluminum	NS	NS	NS	15200	NS	NS	NS
Anthracene	NS	NS	NS	2.6 U	NS	NS	NS
Antimony	NS	NS	NS	10.2 U	NS	NS	NS
Arsenic	NS	NS	NS	16.3	NS	NS	NS
Atrazine	NS	NS	NS	2.6 U	NS	NS	NS
Barium	NS	NS	NS	364 J	NS	NS	NS
Benzaldehyde	NS	NS	NS	0.14	NS	NS	NS
Benzene	0.0057 U	0.0087 U	0.012 U	NS	NS	0.005 U	0.0051 U
Benzo(a)anthracene	NS	NS	NS	0.24	NS	NS	NS
Benzo(a)pyrene	NS	NS	NS	2.6 U	NS	NS	NS
Benzo(b)fluoranthene	NS	NS	NS	0.27	NS	NS	NS
Benzo(g,h,i)perylene	NS	NS	NS	0.16	NS	NS	NS
Benzo(k)fluoranthene	NS	NS	NS	0.24	NS	NS	NS
Beryllium	NS	NS	NS	0.66 J	NS	NS	NS
beta-BHC	NS	NS	NS	0.1 JN	NS	NS	NS
beta-Chlordane	NS	NS	NS	0.1 U	NS	NS	NS
bis(2-Chloroethoxy)methane	NS	NS	NS	2.6 U	NS	NS	NS
bis(2-Chloroethyl)ether	NS	NS	NS	2.6 U	NS	NS	NS
bis(2-Chloroisopropyl)ether	NS	NS	NS	2.6 U	NS	NS	NS

**TABLE A-1**  
**Data Summary Table for Soil**

Sample Location: Sample Date: Unit: Start Depth (inches): End Depth (inches):	OCIFP-068 10/12/2011 mg/kg 36 48	OCIFP-068 10/12/2011 mg/kg 48 60	OCIFP-068 10/12/2011 mg/kg 60 66	OCIFP-073 10/12/2011 mg/kg 19 27	OCIFP-073 10/12/2011 pg/g 19 27	OCIFP-078 10/13/2011 mg/kg 12 24	OCIFP-078 10/13/2011 mg/kg 24 31
bis(2-Ethylhexyl)phthalate (b)	NS	NS	NS	1.1	NS	NS	NS
Bromodichloromethane (Dichlorobromomethane)	0.0057 U	0.0087 U	0.012 U	NS	NS	0.005 U	0.0051 U
Bromoform (Tribromomethane)	0.0057 U	0.0087 U	0.012 UJ	NS	NS	0.005 U	0.0051 U
Bromomethane (Methyl bromide)	0.0057 UJ	0.0087 UJ	0.012 UJ	NS	NS	0.005 UJ	0.0051 U
Butyl benzyl phthalate (b)	NS	NS	NS	2.6 U	NS	NS	NS
Cadmium	NS	NS	NS	10.4	NS	NS	NS
Calcium	NS	NS	NS	38500 J	NS	NS	NS
Caprolactam	NS	NS	NS	2.6 U	NS	NS	NS
Carbazole	NS	NS	NS	2.6 U	NS	NS	NS
Carbon disulfide (a)	0.0018 J (b)	0.0037 J (b)	0.0027 J (b)	NS	NS	0.005 U	0.0019 J (b)
Carbon tetrachloride	0.0057 U	0.0087 U	0.012 U	NS	NS	0.005 U	0.0051 U
Chlordane (technical)	NS	NS	NS	1 U	NS	NS	NS
Chlorobenzene	0.0057 U	0.0087 U	0.012 UJ	NS	NS	0.005 U	0.0051 U
Chlorobromomethane (Bromochloromethane)	0.0057 U	0.0087 U	0.012 U	NS	NS	0.005 U	0.0051 U
Chlorodibromomethane (Dibromochloromethane)	0.0057 U	0.0087 U	0.012 UJ	NS	NS	0.005 U	0.0051 U
Chloroethane	0.0057 U	0.0087 U	0.012 U	NS	NS	0.005 U	0.0051 U
Chloroform	0.0057 U	0.0087 U	0.012 U	NS	NS	0.005 U	0.0051 U
Chloromethane (Methyl chloride)	0.0057 U	0.0087 U	0.012 U	NS	NS	0.005 U	0.0051 U
Chromium	NS	NS	NS	265 J	NS	NS	NS
Chrysene	NS	NS	NS	0.4	NS	NS	NS
cis-1,2-Dichloroethene	0.0057 U	0.0087 U	0.012 U	NS	NS	0.005 U	0.0051 U
cis-1,3-Dichloropropene	0.0057 U	0.0087 U	0.012 U	NS	NS	0.005 U	0.0051 U
Cobalt	NS	NS	NS	9 J	NS	NS	NS
Copper	NS	NS	NS	248	NS	NS	NS
Cyanide	NS	NS	NS	NS	NS	NS	NS
delta-BHC	NS	NS	NS	NS	NS	NS	NS
Dibenzo(a,h)anthracene	NS	NS	NS	2.6 U	NS	NS	NS
Dibenzofuran	NS	NS	NS	2.6 U	NS	NS	NS
Dichlorodifluoromethane	0.0057 U	0.0087 U	0.012 U	NS	NS	0.005 U	0.0051 U
Dieldrin	NS	NS	NS	0.2 U	NS	NS	NS
Diethyl phthalate (b)	NS	NS	NS	2.6 U	NS	NS	NS
Dimethyl phthalate	NS	NS	NS	2.6 U	NS	NS	NS
Di-n-butyl phthalate (b)	NS	NS	NS	0.69	NS	NS	NS
Di-n-octyl phthalate	NS	NS	NS	2.6 U	NS	NS	NS
Endosulfan I	NS	NS	NS	0.1 U	NS	NS	NS
Endosulfan II	NS	NS	NS	0.2 U	NS	NS	NS
Endosulfan sulfate	NS	NS	NS	0.2 U	NS	NS	NS
Endrin	NS	NS	NS	0.2 U	NS	NS	NS
Endrin aldehyde	NS	NS	NS	0.2 U	NS	NS	NS
Endrin ketone	NS	NS	NS	0.2 U	NS	NS	NS
Ethylbenzene	0.0057 U	0.0087 U	0.012 UJ	NS	NS	0.005 U	0.0051 U
Fluoranthene	NS	NS	NS	0.53	NS	NS	NS
Fluorene	NS	NS	NS	0.13	NS	NS	NS
Freon-113 (1,1,2-trichloro-1,2,2-trifluoroethane)	0.0057 U	0.0087 U	0.012 U	NS	NS	0.005 U	0.0051 U

**TABLE A-1**  
**Data Summary Table for Soil**

Sample Location: Sample Date: Unit: Start Depth (inches): End Depth (inches):	OCIFP-068 10/12/2011 mg/kg	OCIFP-068 10/12/2011 mg/kg	OCIFP-068 10/12/2011 mg/kg	OCIFP-073 10/12/2011 mg/kg	OCIFP-073 10/12/2011 pg/g	OCIFP-078 10/13/2011 mg/kg	OCIFP-078 10/13/2011 mg/kg
	36	48	60	19	19	12	24
	48	60	66	27	27	24	31
gamma-BHC (Lindane)	NS	NS	NS	0.1 U	NS	NS	NS
gamma-Chlordane	NS	NS	NS	NS	NS	NS	NS
Heptachlor	NS	NS	NS	0.17 JN	NS	NS	NS
Heptachlor Epoxide	NS	NS	NS	0.11 JN	NS	NS	NS
Hexachlorobenzene	NS	NS	NS	2.6 U	NS	NS	NS
Hexachlorobutadiene	NS	NS	NS	2.6 U	NS	NS	NS
Hexachlorocyclopentadiene	NS	NS	NS	2.6 U	NS	NS	NS
Hexachloroethane	NS	NS	NS	2.6 U	NS	NS	NS
Indeno(1,2,3-cd)pyrene	NS	NS	NS	2.6 U	NS	NS	NS
Iron	NS	NS	NS	17200 J	NS	NS	NS
Isophorone	NS	NS	NS	2.6 U	NS	NS	NS
Isopropylbenzene (Cumene)	0.0057 U	0.0087 UJ	0.012 UJ	NS	NS	0.005 U	0.0051 UJ
Lead	NS	NS	NS	581	NS	NS	NS
Magnesium	NS	NS	NS	11400	NS	NS	NS
Manganese	NS	NS	NS	264 J	NS	NS	NS
Mercury	0.14	1.1	2.6	3.6	NS	0.11	0.17
Methoxychlor	NS	NS	NS	1 U	NS	NS	NS
Methyl isobutyl ketone (4-Methyl-2-pentanone)	0.0057 U	0.0087 U	0.012 U	NS	NS	0.005 U	0.0051 U
Methyl tertiary butyl ether (MTBE)	0.0057 U	0.0087 U	0.012 U	NS	NS	0.005 U	0.0051 U
Methylene chloride (Dichloromethane) (a)	0.0057 U	0.0087 U	0.012 U	NS	NS	0.005 U	0.0051 U
Naphthalene	NS	NS	NS	2.6 U	NS	NS	NS
Nickel	NS	NS	NS	59 J	NS	NS	NS
Nitrobenzene	NS	NS	NS	2.6 U	NS	NS	NS
N-Nitrosodi-n-propylamine	NS	NS	NS	2.6 U	NS	NS	NS
N-Nitrosodiphenylamine	NS	NS	NS	3.1 U	NS	NS	NS
OCDD	NS	NS	NS	NS	190000 EJ	NS	NS
OCDF	NS	NS	NS	NS	2800	NS	NS
Pentachlorophenol	NS	NS	NS	6.7 U	NS	NS	NS
Phenanthrene	NS	NS	NS	0.58	NS	NS	NS
Phenol	NS	NS	NS	2.6 U	NS	NS	NS
Potassium	NS	NS	NS	652 J	NS	NS	NS
Pyrene	NS	NS	NS	0.7	NS	NS	NS
Selenium	NS	NS	NS	2.1 J	NS	NS	NS
Silver	NS	NS	NS	2.8	NS	NS	NS
Sodium	NS	NS	NS	128 J	NS	NS	NS
Styrene	0.0057 U	0.0087 U	0.012 UJ	NS	NS	0.005 U	0.0051 U
Tetrachloroethene (PCE)	0.0057 U	0.0087 U	0.012 UJ	NS	NS	0.005 U	0.0051 U
Thallium	NS	NS	NS	4.2 U	NS	NS	NS
Toluene (a)	0.0057 UB	0.0087 U	0.012 UBJ	NS	NS	0.005 UB	0.0051 UB
Toxaphene	NS	NS	NS	10 U	NS	NS	NS
trans-1,2-Dichloroethene	0.0057 U	0.0087 U	0.012 U	NS	NS	0.005 U	0.0051 U
trans-1,3-Dichloropropene	0.0057 U	0.0087 U	0.012 UJ	NS	NS	0.005 U	0.0051 U
Trichloroethene (TCE)	0.0057 U	0.0087 U	0.012 U	NS	NS	0.005 U	0.0051 U
Trichlorofluoromethane	0.0057 U	0.0087 U	0.012 U	NS	NS	0.005 U	0.0051 U



TABLE A-1  
Data Summary Table for Soil

Sample Location: Sample Date: Unit: Start Depth (inches): End Depth (inches):	OCIFP-068 10/12/2011 mg/kg	OCIFP-068 10/12/2011 mg/kg	OCIFP-068 10/12/2011 mg/kg	OCIFP-073 10/12/2011 mg/kg	OCIFP-073 10/12/2011 pg/g	OCIFP-078 10/13/2011 mg/kg	OCIFP-078 10/13/2011 mg/kg
	36	48	60	19	19	12	24
	48	60	66	27	27	24	31
Vanadium	NS	NS	NS	24.3	NS	NS	NS
Vinyl Chloride	0.0057 U	0.0087 U	0.012 U	NS	NS	0.005 U	0.0051 U
Xylenes, Total	0.0057 U	0.0087 U	0.012 UJ	NS	NS	0.005 U	0.0051 U
Zinc	NS	NS	NS	548 J	NS	NS	NS

Notes:  
(a) Potential laboratory contaminant.  
(b) For potential lab contaminants: The detected value is  
J / B flagged and the result is less than the reporting  
limit; the sample is considered a non-detect.

**TABLE A-1**  
**Data Summary Table for Soil**

Sample Location: Sample Date: Unit: Start Depth (inches): End Depth (inches):	OCIFP-078 10/13/2011 mg/kg	OCIFP-078 10/13/2011 mg/kg	OCIFP-078 10/13/2011 mg/kg	OCIFP-078 10/13/2011 pg/g	OCIFP-083 10/13/2011 mg/kg	OCIFP-083 10/13/2011 pg/g	OCIFP-088 10/13/2011 mg/kg
	31 35	35 44	44 54	31 35	12 24	12 24	12 24
1,1,1-Trichloroethane	0.014 U	0.0072 U	0.018 U	NS	NS	NS	0.0052 U
1,1,2,2-Tetrachloroethane	0.014 UJ	0.0072 UJ	0.018 UJ	NS	NS	NS	0.0052 U
1,1,2-Trichloroethane	0.014 U	0.0072 U	0.018 U	NS	NS	NS	0.0052 U
1,1-Dichloroethane	0.014 U	0.0072 U	0.018 U	NS	NS	NS	0.0052 U
1,1-Dichloroethene	0.014 U	0.0072 U	0.018 U	NS	NS	NS	0.0052 U
1,2,3,4,6,7,8,9-OCDD	NS	NS	NS	NS	NS	NS	NS
1,2,3,4,6,7,8,9-OCDF	NS	NS	NS	NS	NS	NS	NS
1,2,3,4,6,7,8-HpCDD	NS	NS	NS	14000	NS	150	NS
1,2,3,4,6,7,8-HpCDF	NS	NS	NS	2400	NS	17 J	NS
1,2,3,4,7,8,9-HpCDF	NS	NS	NS	130	NS	1.1 J	NS
1,2,3,4,7,8-HxCDD	NS	NS	NS	95 UX	NS	1.6 J	NS
1,2,3,4,7,8-HxCDF	NS	NS	NS	130 J	NS	1.7 J	NS
1,2,3,6,7,8-HxCDD	NS	NS	NS	350	NS	5.2 J	NS
1,2,3,6,7,8-HxCDF	NS	NS	NS	95 UX	NS	5.4 UX	NS
1,2,3,7,8,9-HxCDD	NS	NS	NS	150	NS	3.1 J	NS
1,2,3,7,8,9-HxCDF	NS	NS	NS	95 UX	NS	5.4 U	NS
1,2,3,7,8-PeCDD	NS	NS	NS	95 UX	NS	5.4 UX	NS
1,2,3,7,8-PeCDF	NS	NS	NS	11 J	NS	5.4 UX	NS
1,2,3-Trichlorobenzene	0.014 UJ	0.0072 UJ	0.018 UJ	NS	NS	NS	0.0052 U
1,2,4,5-Tetrachlorobenzene	1.6 U	NS	NS	NS	0.36 U	NS	NS
1,2,4-Trichlorobenzene	0.014 UJ	0.0072 UJ	0.018 UJ	NS	NS	NS	0.0052 U
1,2-Dibromo-3-Chloropropane	0.014 UJ	0.0072 UJ	0.018 UJ	NS	NS	NS	0.0052 U
1,2-Dibromoethane (Ethylene dibromide)	0.014 U	0.0072 U	0.018 U	NS	NS	NS	0.0052 U
1,2-Dichlorobenzene	0.014 UJ	0.0072 U	0.018 UJ	NS	NS	NS	0.0052 U
1,2-Dichloroethane	0.014 U	0.0072 U	0.018 U	NS	NS	NS	0.0052 U
1,2-Dichloroethene (Total)	NS	NS	NS	NS	NS	NS	NS
1,2-Dichloropropane	0.014 U	0.0072 U	0.018 U	NS	NS	NS	0.0052 U
1,3-Dichlorobenzene	0.014 UJ	0.0072 U	0.018 UJ	NS	NS	NS	0.0052 U
1,4-Dichlorobenzene	0.014 UJ	0.0072 U	0.018 UJ	NS	NS	NS	0.0052 U
2,3,4,6,7,8-HxCDF	NS	NS	NS	NS	NS	NS	NS
2,3,4,7,8-PeCDF	NS	NS	NS	NS	NS	NS	NS
2,3,7,8-TCDD	NS	NS	NS	63	NS	1.8	NS
2,3,7,8-TCDF	NS	NS	NS	290 J	NS	7.7	NS
2,4,5-Trichlorophenol	4.1 U	NS	NS	NS	0.9 U	NS	NS
2,4,6-Trichlorophenol	1.6 U	NS	NS	NS	0.36 U	NS	NS
2,4-Dichlorophenol	1.6 U	NS	NS	NS	0.36 U	NS	NS
2,4-Dimethylphenol	1.6 U	NS	NS	NS	0.36 U	NS	NS
2,4-Dinitrophenol	4.1 U	NS	NS	NS	0.9 U	NS	NS
2,4-Dinitrotoluene	1.6 U	NS	NS	NS	0.36 U	NS	NS
2,6-Dinitrotoluene	1.6 U	NS	NS	NS	0.36 U	NS	NS
2-Butanone (Methyl ethyl ketone) (a)	0.058	0.0072 UJ	0.091 J	NS	NS	NS	0.0052 U
2-Chloronaphthalene	NS	NS	NS	NS	NS	NS	NS
2-Chlorophenol	1.6 U	NS	NS	NS	0.36 U	NS	NS
2-Hexanone	0.014 U	0.0072 UJ	0.018 U	NS	NS	NS	0.0052 U

**TABLE A-1**  
**Data Summary Table for Soil**

Sample Location: Sample Date: Unit: Start Depth (inches): End Depth (inches):	OCIFP-078 10/13/2011 mg/kg	OCIFP-078 10/13/2011 mg/kg	OCIFP-078 10/13/2011 mg/kg	OCIFP-078 10/13/2011 pg/g	OCIFP-083 10/13/2011 mg/kg	OCIFP-083 10/13/2011 pg/g	OCIFP-088 10/13/2011 mg/kg
	31	35	44	31	12	12	12
	35	44	54	35	24	24	24
2-Methylnaphthalene	0.11	NS	NS	NS	0.36 U	NS	NS
2-Methylphenol (o-Cresol)	1.6 U	NS	NS	NS	0.36 U	NS	NS
2-Nitroaniline	4.1 U	NS	NS	NS	0.9 U	NS	NS
2-Nitrophenol	1.6 U	NS	NS	NS	0.36 U	NS	NS
3,3'-Dichlorobenzidine	1.6 U	NS	NS	NS	0.36 U	NS	NS
3+4-Methylphenol (m,p-Cresol)	3.3 U	NS	NS	NS	0.72 U	NS	NS
3-Nitroaniline	4.1 U	NS	NS	NS	0.9 U	NS	NS
4,4'-DDD	0.012 J	NS	NS	NS	0.001 J	NS	NS
4,4'-DDE	0.063 J	NS	NS	NS	0.002 J	NS	NS
4,4'-DDT	0.079 U	NS	NS	NS	0.0036 U	NS	NS
4,6-Dinitro-2-Methylphenol	4.1 U	NS	NS	NS	0.9 U	NS	NS
4-Bromophenyl phenyl ether	1.6 U	NS	NS	NS	0.36 U	NS	NS
4-Chloro-3-Methylphenol	1.6 U	NS	NS	NS	0.36 U	NS	NS
4-Chloroaniline	1.6 U	NS	NS	NS	0.36 U	NS	NS
4-Chlorophenyl phenyl ether	1.6 U	NS	NS	NS	0.36 U	NS	NS
4-Methylphenol (p-Cresol)	NS	NS	NS	NS	NS	NS	NS
4-Nitroaniline	4.1 U	NS	NS	NS	0.9 U	NS	NS
4-Nitrophenol	4.1 U	NS	NS	NS	0.9 U	NS	NS
Acenaphthene	1.6 U	NS	NS	NS	0.36 U	NS	NS
Acenaphthylene	1.6 U	NS	NS	NS	0.36 U	NS	NS
Acetone (a)	0.22	0.069 J	0.33 J	NS	NS	NS	0.0052 U
Acetophenone	1.6 U	NS	NS	NS	0.36 U	NS	NS
Aldrin	0.041 U	NS	NS	NS	0.0019 U	NS	NS
alpha-BHC	0.0058 J	NS	NS	NS	0.0019 U	NS	NS
alpha-Chlordane	0.03 J	NS	NS	NS	0.00056 J	NS	NS
Aluminum	12900	NS	NS	NS	2060	NS	NS
Anthracene	1.6 U	NS	NS	NS	0.092 J	NS	NS
Antimony	9.2 U	NS	NS	NS	4.7 U	NS	NS
Arsenic	13.9	NS	NS	NS	2.2	NS	NS
Atrazine	1.6 U	NS	NS	NS	0.36 U	NS	NS
Barium	554 J	NS	NS	NS	18.8 J	NS	NS
Benzaldehyde	0.12	NS	NS	NS	0.36 U	NS	NS
Benzene	0.014 U	0.0072 U	0.018 U	NS	NS	NS	0.0052 U
Benzo(a)anthracene	0.17	NS	NS	NS	0.26 J	NS	NS
Benzo(a)pyrene	1.6 U	NS	NS	NS	0.17 J	NS	NS
Benzo(b)fluoranthene	0.15	NS	NS	NS	0.12 J	NS	NS
Benzo(g,h,i)perylene	0.081	NS	NS	NS	0.055 J	NS	NS
Benzo(k)fluoranthene	1.6 U	NS	NS	NS	0.2 J	NS	NS
Beryllium	0.93	NS	NS	NS	0.11 J	NS	NS
beta-BHC	0.041 U	NS	NS	NS	0.0019 U	NS	NS
beta-Chlordane	0.041 U	NS	NS	NS	0.0019 U	NS	NS
bis(2-Chloroethoxy)methane	1.6 U	NS	NS	NS	0.36 U	NS	NS
bis(2-Chloroethyl)ether	1.6 U	NS	NS	NS	0.36 U	NS	NS
bis(2-Chloroisopropyl)ether	1.6 U	NS	NS	NS	0.36 U	NS	NS

**TABLE A-1**  
**Data Summary Table for Soil**

Sample Location: Sample Date: Unit: Start Depth (inches): End Depth (inches):	OCIFP-078 10/13/2011 mg/kg	OCIFP-078 10/13/2011 mg/kg	OCIFP-078 10/13/2011 mg/kg	OCIFP-078 10/13/2011 pg/g	OCIFP-083 10/13/2011 mg/kg	OCIFP-083 10/13/2011 pg/g	OCIFP-088 10/13/2011 mg/kg
	31	35	44	31	12	12	12
	35	44	54	35	24	24	24
bis(2-Ethylhexyl)phthalate (b)	0.66	NS	NS	NS	0.031 J (b)	NS	NS
Bromodichloromethane (Dichlorobromomethane)	0.014 U	0.0072 U	0.018 U	NS	NS	NS	0.0052 U
Bromoform (Tribromomethane)	0.014 U	0.0072 U	0.018 U	NS	NS	NS	0.0052 U
Bromomethane (Methyl bromide)	0.014 UJ	0.0072 UJ	0.018 UJ	NS	NS	NS	0.0052 UJ
Butyl benzyl phthalate (b)	1.6 U	NS	NS	NS	0.36 U	NS	NS
Cadmium	8.5	NS	NS	NS	0.31 J	NS	NS
Calcium	29000 J	NS	NS	NS	43300 J	NS	NS
Caprolactam	1.6 U	NS	NS	NS	0.36 U	NS	NS
Carbazole	1.6 U	NS	NS	NS	0.36 U	NS	NS
Carbon disulfide (a)	0.0046 J (b)	0.0072 U	0.018 U	NS	NS	NS	0.0052 U
Carbon tetrachloride	0.014 U	0.0072 UJ	0.018 U	NS	NS	NS	0.0052 U
Chlordane (technical)	0.41 U	NS	NS	NS	0.019 U	NS	NS
Chlorobenzene	0.014 U	0.0072 U	0.018 U	NS	NS	NS	0.0052 U
Chlorobromomethane (Bromochloromethane)	0.014 U	0.0072 U	0.018 U	NS	NS	NS	0.0052 U
Chlorodibromomethane (Dibromochloromethane)	0.014 U	0.0072 U	0.018 U	NS	NS	NS	0.0052 U
Chloroethane	0.014 U	0.0072 U	0.018 U	NS	NS	NS	0.0052 U
Chloroform	0.014 U	0.0072 U	0.018 U	NS	NS	NS	0.0052 U
Chloromethane (Methyl chloride)	0.014 U	0.0072 U	0.018 U	NS	NS	NS	0.0052 U
Chromium	228 J	NS	NS	NS	20.1 J	NS	NS
Chrysene	0.26	NS	NS	NS	0.25 J	NS	NS
cis-1,2-Dichloroethene	0.014 U	0.0072 U	0.018 U	NS	NS	NS	0.0052 U
cis-1,3-Dichloropropene	0.014 U	0.0072 UJ	0.018 U	NS	NS	NS	0.0052 U
Cobalt	10.1 J	NS	NS	NS	2 J	NS	NS
Copper	275	NS	NS	NS	12.4	NS	NS
Cyanide	NS	NS	NS	NS	NS	NS	NS
delta-BHC	NS	NS	NS	NS	NS	NS	NS
Dibenzo(a,h)anthracene	1.6 U	NS	NS	NS	0.36 U	NS	NS
Dibenzofuran	1.6 U	NS	NS	NS	0.36 U	NS	NS
Dichlorodifluoromethane	0.014 U	0.0072 U	0.018 U	NS	NS	NS	0.0052 U
Dieldrin	0.13 JN	NS	NS	NS	0.0036 U	NS	NS
Diethyl phthalate (b)	1.6 U	NS	NS	NS	0.36 U	NS	NS
Dimethyl phthalate	1.6 U	NS	NS	NS	0.36 U	NS	NS
Di-n-butyl phthalate (b)	1.6 U	NS	NS	NS	0.36 U	NS	NS
Di-n-octyl phthalate	1.6 U	NS	NS	NS	0.36 U	NS	NS
Endosulfan I	0.041 U	NS	NS	NS	0.0019 U	NS	NS
Endosulfan II	0.079 U	NS	NS	NS	0.0036 U	NS	NS
Endosulfan sulfate	0.079 U	NS	NS	NS	0.0036 U	NS	NS
Endrin	0.079 U	NS	NS	NS	0.0036 U	NS	NS
Endrin aldehyde	0.079 U	NS	NS	NS	0.0036 U	NS	NS
Endrin ketone	0.079 U	NS	NS	NS	0.0036 U	NS	NS
Ethylbenzene	0.014 U	0.0072 U	0.018 U	NS	NS	NS	0.0052 U
Fluoranthene	0.36	NS	NS	NS	0.37	NS	NS
Fluorene	1.6 U	NS	NS	NS	0.36 U	NS	NS
Freon-113 (1,1,2-trichloro-1,2,2-trifluoroethane)	0.014 U	0.0072 U	0.018 U	NS	NS	NS	0.0052 U

**TABLE A-1**  
**Data Summary Table for Soil**

Sample Location: Sample Date: Unit: Start Depth (inches): End Depth (inches):	OCIFP-078 10/13/2011 mg/kg	OCIFP-078 10/13/2011 mg/kg	OCIFP-078 10/13/2011 mg/kg	OCIFP-078 10/13/2011 pg/g	OCIFP-083 10/13/2011 mg/kg	OCIFP-083 10/13/2011 pg/g	OCIFP-088 10/13/2011 mg/kg
	31	35	44	31	12	12	12
	35	44	54	35	24	24	24
gamma-BHC (Lindane)	0.041 U	NS	NS	NS	0.0019 U	NS	NS
gamma-Chlordane	NS	NS	NS	NS	NS	NS	NS
Heptachlor	0.052 J	NS	NS	NS	0.0019 U	NS	NS
Heptachlor Epoxide	0.075 JN	NS	NS	NS	0.0019 U	NS	NS
Hexachlorobenzene	1.6 U	NS	NS	NS	0.36 U	NS	NS
Hexachlorobutadiene	1.6 U	NS	NS	NS	0.36 U	NS	NS
Hexachlorocyclopentadiene	1.6 U	NS	NS	NS	0.36 U	NS	NS
Hexachloroethane	1.6 U	NS	NS	NS	0.36 U	NS	NS
Indeno(1,2,3-cd)pyrene	1.6 U	NS	NS	NS	0.36 U	NS	NS
Iron	16600 J	NS	NS	NS	4700 J	NS	NS
Isophorone	1.6 U	NS	NS	NS	0.36 U	NS	NS
Isopropylbenzene (Cumene)	0.014 UJ	0.0072 U	0.018 UJ	NS	NS	NS	0.0052 U
Lead	625	NS	NS	NS	15.9	NS	NS
Magnesium	6210	NS	NS	NS	11600	NS	NS
Manganese	190 J	NS	NS	NS	110 J	NS	NS
Mercury	5.5	0.62 J	5.8	NS	0.1	NS	0.35
Methoxychlor	0.41 U	NS	NS	NS	0.019 U	NS	NS
Methyl isobutyl ketone (4-Methyl-2-pentanone)	0.014 U	0.0072 U	0.018 U	NS	NS	NS	0.0052 U
Methyl tertiary butyl ether (MTBE)	0.014 U	0.0072 U	0.018 U	NS	NS	NS	0.0052 U
Methylene chloride (Dichloromethane) (a)	0.014 U	0.0072 U	0.018 U	NS	NS	NS	0.0052 U
Naphthalene	1.6 U	NS	NS	NS	0.36 U	NS	NS
Nickel	57.4 J	NS	NS	NS	11.4 J	NS	NS
Nitrobenzene	1.6 U	NS	NS	NS	0.36 U	NS	NS
N-Nitrosodi-n-propylamine	1.6 U	NS	NS	NS	0.36 U	NS	NS
N-Nitrosodiphenylamine	1.9 U	NS	NS	NS	0.42 U	NS	NS
OCDD	NS	NS	NS	110000 EJ	NS	1700	NS
OCDF	NS	NS	NS	9900	NS	28	NS
Pentachlorophenol	4.1 U	NS	NS	NS	0.9 U	NS	NS
Phenanthrene	0.3	NS	NS	NS	0.19 J	NS	NS
Phenol	1.6 U	NS	NS	NS	0.36 U	NS	NS
Potassium	733 J	NS	NS	NS	132 J	NS	NS
Pyrene	0.47	NS	NS	NS	0.4 J	NS	NS
Selenium	2 J	NS	NS	NS	2.7 U	NS	NS
Silver	2.6	NS	NS	NS	0.78 U	NS	NS
Sodium	195 J	NS	NS	NS	73.3 J	NS	NS
Styrene	0.014 U	0.0072 UJ	0.018 U	NS	NS	NS	0.0052 U
Tetrachloroethene (PCE)	0.014 U	0.0072 UJ	0.018 U	NS	NS	NS	0.0052 U
Thallium	3.8 U	NS	NS	NS	2 U	NS	NS
Toluene (a)	0.014 U	0.0072 UB	0.018 UB	NS	NS	NS	0.0052 U
Toxaphene	4.1 U	NS	NS	NS	0.19 U	NS	NS
trans-1,2-Dichloroethene	0.014 U	0.0072 U	0.018 U	NS	NS	NS	0.0052 U
trans-1,3-Dichloropropene	0.014 U	0.0072 U	0.018 U	NS	NS	NS	0.0052 U
Trichloroethene (TCE)	0.014 U	0.0072 UJ	0.018 U	NS	NS	NS	0.0052 U
Trichlorofluoromethane	0.014 U	0.0072 U	0.018 U	NS	NS	NS	0.0052 U

TABLE A-1  
Data Summary Table for Soil

Sample Location: Sample Date: Unit: Start Depth (inches): End Depth (inches):	OCIFP-078 10/13/2011 mg/kg	OCIFP-078 10/13/2011 mg/kg	OCIFP-078 10/13/2011 mg/kg	OCIFP-078 10/13/2011 pg/g	OCIFP-083 10/13/2011 mg/kg	OCIFP-083 10/13/2011 pg/g	OCIFP-088 10/13/2011 mg/kg
	31	35	44	31	12	12	12
	35	44	54	35	24	24	24
Vanadium	21.7	NS	NS	NS	5.8	NS	NS
Vinyl Chloride	0.014 U	0.0072 U	0.018 U	NS	NS	NS	0.0052 U
Xylenes, Total	0.014 U	0.0072 UJ	0.018 U	NS	NS	NS	0.0052 U
Zinc	529 J	NS	NS	NS	38.1 J	NS	NS

Notes:  
(a) Potential laboratory contaminant.  
(b) For potential lab contaminants: The detected value is  
J / B flagged and the result is less than the reporting  
limit; the sample is considered a non-detect.

**TABLE A-1**  
**Data Summary Table for Soil**

Sample Location: Sample Date: Unit: Start Depth (inches): End Depth (inches):	OCIFP-088 10/13/2011 mg/kg	OCIFP-088 10/13/2011 mg/kg	OCIFP-098 10/14/2011 mg/kg	OCIFP-098 10/14/2011 mg/kg	OCIFP-098 10/14/2011 mg/kg	OCIFP-102 10/14/2011 mg/kg	OCIFP-102 10/14/2011 mg/kg
	24	36	15	19	28	12	24
	36	41	19	28	38	24	36
1,1,1-Trichloroethane	0.0052 U	0.0053 U	0.016 U	0.01 U	0.0055 U	0.0057 U	0.0052 U
1,1,2,2-Tetrachloroethane	0.0052 U	0.0053 U	0.016 UJ	0.01 UJ	0.0055 U	0.0057 U	0.0052 U
1,1,2-Trichloroethane	0.0052 U	0.0053 U	0.016 U	0.01 U	0.0055 U	0.0057 U	0.0052 U
1,1-Dichloroethane	0.0052 U	0.0053 U	0.016 U	0.01 U	0.0055 U	0.0057 U	0.0052 U
1,1-Dichloroethene	0.0052 U	0.0053 U	0.016 U	0.01 U	0.0055 U	0.0057 U	0.0052 U
1,2,3,4,6,7,8,9-OCDD	NS	NS	NS	NS	NS	NS	NS
1,2,3,4,6,7,8,9-OCDF	NS	NS	NS	NS	NS	NS	NS
1,2,3,4,6,7,8-HpCDD	NS	NS	NS	NS	NS	NS	NS
1,2,3,4,6,7,8-HpCDF	NS	NS	NS	NS	NS	NS	NS
1,2,3,4,7,8,9-HpCDF	NS	NS	NS	NS	NS	NS	NS
1,2,3,4,7,8-HxCDD	NS	NS	NS	NS	NS	NS	NS
1,2,3,4,7,8-HxCDF	NS	NS	NS	NS	NS	NS	NS
1,2,3,6,7,8-HxCDD	NS	NS	NS	NS	NS	NS	NS
1,2,3,6,7,8-HxCDF	NS	NS	NS	NS	NS	NS	NS
1,2,3,7,8,9-HxCDD	NS	NS	NS	NS	NS	NS	NS
1,2,3,7,8,9-HxCDF	NS	NS	NS	NS	NS	NS	NS
1,2,3,7,8-PeCDD	NS	NS	NS	NS	NS	NS	NS
1,2,3,7,8-PeCDF	NS	NS	NS	NS	NS	NS	NS
1,2,3-Trichlorobenzene	0.0052 U	0.0053 U	0.016 UJ	0.01 UJ	0.0055 U	0.0057 U	0.0052 U
1,2,4,5-Tetrachlorobenzene	NS	NS	NS	NS	NS	NS	NS
1,2,4-Trichlorobenzene	0.0052 U	0.0053 U	0.016 UJ	0.01 UJ	0.0055 U	0.0057 U	0.0052 U
1,2-Dibromo-3-Chloropropane	0.0052 U	0.0053 U	0.016 UJ	0.01 UJ	0.0055 U	0.0057 U	0.0052 U
1,2-Dibromoethane (Ethylene dibromide)	0.0052 U	0.0053 U	0.016 U	0.01 U	0.0055 U	0.0057 U	0.0052 U
1,2-Dichlorobenzene	0.0052 U	0.0053 U	0.016 UJ	0.01 UJ	0.0055 U	0.0057 U	0.0052 U
1,2-Dichloroethane	0.0052 U	0.0053 U	0.016 U	0.01 U	0.0055 U	0.0057 U	0.0052 U
1,2-Dichloroethene (Total)	NS	NS	NS	NS	NS	NS	NS
1,2-Dichloropropane	0.0052 U	0.0053 U	0.016 U	0.01 U	0.0055 U	0.0057 U	0.0052 U
1,3-Dichlorobenzene	0.0052 U	0.0053 U	0.016 UJ	0.01 UJ	0.0055 U	0.0057 U	0.0052 U
1,4-Dichlorobenzene	0.0052 U	0.0053 U	0.016 UJ	0.01 UJ	0.0055 U	0.0057 U	0.0052 U
2,3,4,6,7,8-HxCDF	NS	NS	NS	NS	NS	NS	NS
2,3,4,7,8-PeCDF	NS	NS	NS	NS	NS	NS	NS
2,3,7,8-TCDD	NS	NS	NS	NS	NS	NS	NS
2,3,7,8-TCDF	NS	NS	NS	NS	NS	NS	NS
2,4,5-Trichlorophenol	NS	NS	NS	NS	NS	NS	NS
2,4,6-Trichlorophenol	NS	NS	NS	NS	NS	NS	NS
2,4-Dichlorophenol	NS	NS	NS	NS	NS	NS	NS
2,4-Dimethylphenol	NS	NS	NS	NS	NS	NS	NS
2,4-Dinitrophenol	NS	NS	NS	NS	NS	NS	NS
2,4-Dinitrotoluene	NS	NS	NS	NS	NS	NS	NS
2,6-Dinitrotoluene	NS	NS	NS	NS	NS	NS	NS
2-Butanone (Methyl ethyl ketone) (a)	0.0037 J (b)	0.0053 U	0.016 U	0.066	0.026	0.0057 U	0.0052 U
2-Chloronaphthalene	NS	NS	NS	NS	NS	NS	NS
2-Chlorophenol	NS	NS	NS	NS	NS	NS	NS
2-Hexanone	0.0052 U	0.0053 U	0.016 U	0.01 U	0.0055 U	0.0057 U	0.0052 U

**TABLE A-1**  
**Data Summary Table for Soil**

Sample Location: Sample Date: Unit: Start Depth (inches): End Depth (inches):	OCIFP-088 10/13/2011 mg/kg	OCIFP-088 10/13/2011 mg/kg	OCIFP-098 10/14/2011 mg/kg	OCIFP-098 10/14/2011 mg/kg	OCIFP-098 10/14/2011 mg/kg	OCIFP-102 10/14/2011 mg/kg	OCIFP-102 10/14/2011 mg/kg
	24	36	15	19	28	12	24
	36	41	19	28	38	24	36
2-Methylnaphthalene	NS	NS	NS	NS	NS	NS	NS
2-Methylphenol (o-Cresol)	NS	NS	NS	NS	NS	NS	NS
2-Nitroaniline	NS	NS	NS	NS	NS	NS	NS
2-Nitrophenol	NS	NS	NS	NS	NS	NS	NS
3,3'-Dichlorobenzidine	NS	NS	NS	NS	NS	NS	NS
3+4-Methylphenol (m,p-Cresol)	NS	NS	NS	NS	NS	NS	NS
3-Nitroaniline	NS	NS	NS	NS	NS	NS	NS
4,4'-DDD	NS	NS	NS	NS	NS	NS	NS
4,4'-DDE	NS	NS	NS	NS	NS	NS	NS
4,4'-DDT	NS	NS	NS	NS	NS	NS	NS
4,6-Dinitro-2-Methylphenol	NS	NS	NS	NS	NS	NS	NS
4-Bromophenyl phenyl ether	NS	NS	NS	NS	NS	NS	NS
4-Chloro-3-Methylphenol	NS	NS	NS	NS	NS	NS	NS
4-Chloroaniline	NS	NS	NS	NS	NS	NS	NS
4-Chlorophenyl phenyl ether	NS	NS	NS	NS	NS	NS	NS
4-Methylphenol (p-Cresol)	NS	NS	NS	NS	NS	NS	NS
4-Nitroaniline	NS	NS	NS	NS	NS	NS	NS
4-Nitrophenol	NS	NS	NS	NS	NS	NS	NS
Acenaphthene	NS	NS	NS	NS	NS	NS	NS
Acenaphthylene	NS	NS	NS	NS	NS	NS	NS
Acetone (a)	0.017	0.0079	0.084 J	0.29	0.13	0.0057 U	0.0052 U
Acetophenone	NS	NS	NS	NS	NS	NS	NS
Aldrin	NS	NS	NS	NS	NS	NS	NS
alpha-BHC	NS	NS	NS	NS	NS	NS	NS
alpha-Chlordane	NS	NS	NS	NS	NS	NS	NS
Aluminum	NS	NS	NS	NS	NS	NS	NS
Anthracene	NS	NS	NS	NS	NS	NS	NS
Antimony	NS	NS	NS	NS	NS	NS	NS
Arsenic	NS	NS	NS	NS	NS	NS	NS
Atrazine	NS	NS	NS	NS	NS	NS	NS
Barium	NS	NS	NS	NS	NS	NS	NS
Benzaldehyde	NS	NS	NS	NS	NS	NS	NS
Benzene	0.0052 U	0.0053 U	0.016 U	0.01 U	0.0055 U	0.0057 U	0.0052 U
Benzo(a)anthracene	NS	NS	NS	NS	NS	NS	NS
Benzo(a)pyrene	NS	NS	NS	NS	NS	NS	NS
Benzo(b)fluoranthene	NS	NS	NS	NS	NS	NS	NS
Benzo(g,h,i)perylene	NS	NS	NS	NS	NS	NS	NS
Benzo(k)fluoranthene	NS	NS	NS	NS	NS	NS	NS
Beryllium	NS	NS	NS	NS	NS	NS	NS
beta-BHC	NS	NS	NS	NS	NS	NS	NS
beta-Chlordane	NS	NS	NS	NS	NS	NS	NS
bis(2-Chloroethoxy)methane	NS	NS	NS	NS	NS	NS	NS
bis(2-Chloroethyl)ether	NS	NS	NS	NS	NS	NS	NS
bis(2-Chloroisopropyl)ether	NS	NS	NS	NS	NS	NS	NS



**TABLE A-1**  
**Data Summary Table for Soil**

Sample Location: Sample Date: Unit: Start Depth (inches): End Depth (inches):	OCIFP-088 10/13/2011 mg/kg	OCIFP-088 10/13/2011 mg/kg	OCIFP-098 10/14/2011 mg/kg	OCIFP-098 10/14/2011 mg/kg	OCIFP-098 10/14/2011 mg/kg	OCIFP-102 10/14/2011 mg/kg	OCIFP-102 10/14/2011 mg/kg
	24	36	15	19	28	12	24
	36	41	19	28	38	24	36
bis(2-Ethylhexyl)phthalate (b)	NS	NS	NS	NS	NS	NS	NS
Bromodichloromethane (Dichlorobromomethane)	0.0052 U	0.0053 U	0.016 U	0.01 U	0.0055 U	0.0057 U	0.0052 U
Bromoform (Tribromomethane)	0.0052 U	0.0053 U	0.016 U	0.01 U	0.0055 U	0.0057 U	0.0052 U
Bromomethane (Methyl bromide)	0.0052 UJ	0.0053 UJ	0.016 UJ	0.01 UJ	0.0055 UJ	0.0057 UJ	0.0052 UJ
Butyl benzyl phthalate (b)	NS	NS	NS	NS	NS	NS	NS
Cadmium	NS	NS	NS	NS	NS	NS	NS
Calcium	NS	NS	NS	NS	NS	NS	NS
Caprolactam	NS	NS	NS	NS	NS	NS	NS
Carbazole	NS	NS	NS	NS	NS	NS	NS
Carbon disulfide (a)	0.0018 J (b)	0.004 J (b)	0.0046 J (b)	0.0016 J (b)	0.0055 U	0.0057 U	0.0052 U
Carbon tetrachloride	0.0052 U	0.0053 U	0.016 U	0.01 U	0.0055 U	0.0057 U	0.0052 U
Chlordane (technical)	NS	NS	NS	NS	NS	NS	NS
Chlorobenzene	0.0052 U	0.0053 U	0.016 U	0.01 U	0.0055 U	0.0057 U	0.0052 U
Chlorobromomethane (Bromochloromethane)	0.0052 U	0.0053 U	0.016 U	0.01 U	0.0055 U	0.0057 U	0.0052 U
Chlorodibromomethane (Dibromochloromethane)	0.0052 U	0.0053 U	0.016 U	0.01 U	0.0055 U	0.0057 U	0.0052 U
Chloroethane	0.0052 U	0.0053 U	0.016 U	0.01 U	0.0055 U	0.0057 U	0.0052 U
Chloroform	0.0052 U	0.0053 U	0.016 U	0.01 U	0.0055 U	0.0057 U	0.0052 U
Chloromethane (Methyl chloride)	0.0052 U	0.0053 U	0.016 U	0.01 U	0.0055 U	0.0057 U	0.0052 U
Chromium	NS	NS	NS	NS	NS	NS	NS
Chrysene	NS	NS	NS	NS	NS	NS	NS
cis-1,2-Dichloroethene	0.0052 U	0.0053 U	0.016 U	0.01 U	0.0055 U	0.0057 U	0.0052 U
cis-1,3-Dichloropropene	0.0052 U	0.0053 U	0.016 U	0.01 U	0.0055 U	0.0057 U	0.0052 U
Cobalt	NS	NS	NS	NS	NS	NS	NS
Copper	NS	NS	NS	NS	NS	NS	NS
Cyanide	NS	NS	NS	NS	NS	NS	NS
delta-BHC	NS	NS	NS	NS	NS	NS	NS
Dibenzo(a,h)anthracene	NS	NS	NS	NS	NS	NS	NS
Dibenzofuran	NS	NS	NS	NS	NS	NS	NS
Dichlorodifluoromethane	0.0052 U	0.0053 U	0.016 U	0.01 U	0.0055 U	0.0057 U	0.0052 U
Dieldrin	NS	NS	NS	NS	NS	NS	NS
Diethyl phthalate (b)	NS	NS	NS	NS	NS	NS	NS
Dimethyl phthalate	NS	NS	NS	NS	NS	NS	NS
Di-n-butyl phthalate (b)	NS	NS	NS	NS	NS	NS	NS
Di-n-octyl phthalate	NS	NS	NS	NS	NS	NS	NS
Endosulfan I	NS	NS	NS	NS	NS	NS	NS
Endosulfan II	NS	NS	NS	NS	NS	NS	NS
Endosulfan sulfate	NS	NS	NS	NS	NS	NS	NS
Endrin	NS	NS	NS	NS	NS	NS	NS
Endrin aldehyde	NS	NS	NS	NS	NS	NS	NS
Endrin ketone	NS	NS	NS	NS	NS	NS	NS
Ethylbenzene	0.0052 U	0.0053 U	0.016 U	0.01 U	0.0055 U	0.0057 U	0.0052 U
Fluoranthene	NS	NS	NS	NS	NS	NS	NS
Fluorene	NS	NS	NS	NS	NS	NS	NS
Freon-113 (1,1,2-trichloro-1,2,2-trifluoroethane)	0.0052 U	0.0053 U	0.016 U	0.01 U	0.0055 U	0.0057 U	0.0052 U

**TABLE A-1**  
**Data Summary Table for Soil**

Sample Location: Sample Date: Unit: Start Depth (inches): End Depth (inches):	OCIFP-088 10/13/2011 mg/kg	OCIFP-088 10/13/2011 mg/kg	OCIFP-098 10/14/2011 mg/kg	OCIFP-098 10/14/2011 mg/kg	OCIFP-098 10/14/2011 mg/kg	OCIFP-102 10/14/2011 mg/kg	OCIFP-102 10/14/2011 mg/kg
	24	36	15	19	28	12	24
	36	41	19	28	38	24	36
gamma-BHC (Lindane)	NS	NS	NS	NS	NS	NS	NS
gamma-Chlordane	NS	NS	NS	NS	NS	NS	NS
Heptachlor	NS	NS	NS	NS	NS	NS	NS
Heptachlor Epoxide	NS	NS	NS	NS	NS	NS	NS
Hexachlorobenzene	NS	NS	NS	NS	NS	NS	NS
Hexachlorobutadiene	NS	NS	NS	NS	NS	NS	NS
Hexachlorocyclopentadiene	NS	NS	NS	NS	NS	NS	NS
Hexachloroethane	NS	NS	NS	NS	NS	NS	NS
Indeno(1,2,3-cd)pyrene	NS	NS	NS	NS	NS	NS	NS
Iron	NS	NS	NS	NS	NS	NS	NS
Isophorone	NS	NS	NS	NS	NS	NS	NS
Isopropylbenzene (Cumene)	0.0052 U	0.0053 U	0.016 UJ	0.01 UJ	0.0055 U	0.0057 U	0.0052 U
Lead	NS	NS	NS	NS	NS	NS	NS
Magnesium	NS	NS	NS	NS	NS	NS	NS
Manganese	NS	NS	NS	NS	NS	NS	NS
Mercury	0.15	0.14	3.7	2.7	0.12	0.057	0.025
Methoxychlor	NS	NS	NS	NS	NS	NS	NS
Methyl isobutyl ketone (4-Methyl-2-pentanone)	0.0052 U	0.0053 U	0.016 U	0.01 U	0.0055 U	0.0057 U	0.0052 U
Methyl tertiary butyl ether (MTBE)	0.0052 U	0.0053 U	0.016 U	0.01 U	0.0055 U	0.0057 U	0.0052 U
Methylene chloride (Dichloromethane) (a)	0.0052 U	0.0053 U	0.0077 J (b)	0.01 UB	0.0055 UB	0.0017 J (b)	0.0031 J (b)
Naphthalene	NS	NS	NS	NS	NS	NS	NS
Nickel	NS	NS	NS	NS	NS	NS	NS
Nitrobenzene	NS	NS	NS	NS	NS	NS	NS
N-Nitrosodi-n-propylamine	NS	NS	NS	NS	NS	NS	NS
N-Nitrosodiphenylamine	NS	NS	NS	NS	NS	NS	NS
OCDD	NS	NS	NS	NS	NS	NS	NS
OCDF	NS	NS	NS	NS	NS	NS	NS
Pentachlorophenol	NS	NS	NS	NS	NS	NS	NS
Phenanthrene	NS	NS	NS	NS	NS	NS	NS
Phenol	NS	NS	NS	NS	NS	NS	NS
Potassium	NS	NS	NS	NS	NS	NS	NS
Pyrene	NS	NS	NS	NS	NS	NS	NS
Selenium	NS	NS	NS	NS	NS	NS	NS
Silver	NS	NS	NS	NS	NS	NS	NS
Sodium	NS	NS	NS	NS	NS	NS	NS
Styrene	0.0052 U	0.0053 U	0.016 U	0.01 U	0.0055 U	0.0057 U	0.0052 U
Tetrachloroethene (PCE)	0.0052 U	0.0053 U	0.016 U	0.01 U	0.0055 U	0.0057 U	0.0052 U
Thallium	NS	NS	NS	NS	NS	NS	NS
Toluene (a)	0.0052 U	0.0053 U	0.016 U	0.01 U	0.0055 U	0.0057 U	0.0052 U
Toxaphene	NS	NS	NS	NS	NS	NS	NS
trans-1,2-Dichloroethene	0.0052 U	0.0053 U	0.016 U	0.01 U	0.0055 U	0.0057 U	0.0052 U
trans-1,3-Dichloropropene	0.0052 U	0.0053 U	0.016 U	0.01 U	0.0055 U	0.0057 U	0.0052 U
Trichloroethene (TCE)	0.0052 U	0.0053 U	0.016 U	0.01 U	0.0055 U	0.0057 U	0.0052 U
Trichlorofluoromethane	0.0052 U	0.0053 U	0.016 U	0.01 U	0.0055 U	0.0057 U	0.0052 U

TABLE A-1  
Data Summary Table for Soil

Sample Location: Sample Date: Unit: Start Depth (inches): End Depth (inches):	OCIFP-088 10/13/2011 mg/kg	OCIFP-088 10/13/2011 mg/kg	OCIFP-098 10/14/2011 mg/kg	OCIFP-098 10/14/2011 mg/kg	OCIFP-098 10/14/2011 mg/kg	OCIFP-102 10/14/2011 mg/kg	OCIFP-102 10/14/2011 mg/kg
	24	36	15	19	28	12	24
	36	41	19	28	38	24	36
Vanadium	NS	NS	NS	NS	NS	NS	NS
Vinyl Chloride	0.0052 U	0.0053 U	0.016 U	0.01 U	0.0055 U	0.0057 U	0.0052 U
Xylenes, Total	0.0052 U	0.0053 U	0.016 U	0.01 U	0.0055 U	0.0057 U	0.0052 U
Zinc	NS	NS	NS	NS	NS	NS	NS

Notes:  
(a) Potential laboratory contaminant.  
(b) For potential lab contaminants: The detected value is J / B flagged and the result is less than the reporting limit; the sample is considered a non-detect.

**TABLE A-1**  
**Data Summary Table for Soil**

Sample Location: Sample Date: Unit: Start Depth (inches): End Depth (inches):	OCIFP-102 10/14/2011 mg/kg 36 40	OCIFP-102 10/14/2011 mg/kg 40 48	OCIFP-102 10/14/2011 pg/g 36 40	OCIFP-111 10/25/2011 mg/kg 12 23	OCIFP-111 10/25/2011 mg/kg 23 27	OCIFP-120 10/25/2011 mg/kg 14 28	OCIFP-120 10/25/2011 mg/kg 28 32
1,1,1-Trichloroethane	0.0054 U	0.0055 U	NS	0.0078 U	0.005 U	0.0049 U	0.0056 U
1,1,2,2-Tetrachloroethane	0.0054 U	0.0055 U	NS	0.0078 UJ	0.005 U	0.0049 UJ	0.0056 U
1,1,2-Trichloroethane	0.0054 U	0.0055 U	NS	0.0078 UJ	0.005 U	0.0049 U	0.0056 U
1,1-Dichloroethane	0.0054 U	0.0055 U	NS	0.0078 U	0.005 U	0.0049 U	0.0056 U
1,1-Dichloroethene	0.0054 U	0.0055 U	NS	0.0078 U	0.005 U	0.0049 U	0.0056 U
1,2,3,4,6,7,8,9-OCDD	NS	NS	NS	NS	NS	NS	NS
1,2,3,4,6,7,8,9-OCDF	NS	NS	NS	NS	NS	NS	NS
1,2,3,4,6,7,8-HpCDD	NS	NS	39	NS	NS	NS	NS
1,2,3,4,6,7,8-HpCDF	NS	NS	5.5 J	NS	NS	NS	NS
1,2,3,4,7,8,9-HpCDF	NS	NS	5.1 UXJ	NS	NS	NS	NS
1,2,3,4,7,8-HxCDD	NS	NS	0.22 J	NS	NS	NS	NS
1,2,3,4,7,8-HxCDF	NS	NS	0.37 J	NS	NS	NS	NS
1,2,3,6,7,8-HxCDD	NS	NS	2.1 J	NS	NS	NS	NS
1,2,3,6,7,8-HxCDF	NS	NS	0.24 J	NS	NS	NS	NS
1,2,3,7,8,9-HxCDD	NS	NS	0.88 J	NS	NS	NS	NS
1,2,3,7,8,9-HxCDF	NS	NS	5.1 U	NS	NS	NS	NS
1,2,3,7,8-PeCDD	NS	NS	5.1 UX	NS	NS	NS	NS
1,2,3,7,8-PeCDF	NS	NS	5.1 UX	NS	NS	NS	NS
1,2,3-Trichlorobenzene	0.0054 U	0.0055 U	NS	0.0078 UJ	0.005 U	0.0049 UJ	0.0056 UB
1,2,4,5-Tetrachlorobenzene	0.36 U	NS	NS	NS	NS	NS	NS
1,2,4-Trichlorobenzene	0.0054 U	0.0055 U	NS	0.0078 UJ	0.005 U	0.0049 UJ	0.0056 U
1,2-Dibromo-3-Chloropropane	0.0054 U	0.0055 U	NS	0.0078 UJ	0.005 U	0.0049 UJ	0.0056 U
1,2-Dibromoethane (Ethylene dibromide)	0.0054 U	0.0055 U	NS	0.0078 UJ	0.005 U	0.0049 U	0.0056 U
1,2-Dichlorobenzene	0.0054 U	0.0055 U	NS	0.0078 UJ	0.005 U	0.0049 UJ	0.0056 U
1,2-Dichloroethane	0.0054 U	0.0055 U	NS	0.0078 U	0.005 U	0.0049 U	0.0056 U
1,2-Dichloroethene (Total)	NS	NS	NS	NS	NS	NS	NS
1,2-Dichloropropane	0.0054 U	0.0055 U	NS	0.0078 UJ	0.005 U	0.0049 U	0.0056 U
1,3-Dichlorobenzene	0.0054 U	0.0055 U	NS	0.0078 UJ	0.005 U	0.0049 UJ	0.0056 U
1,4-Dichlorobenzene	0.0054 U	0.0055 U	NS	0.0078 UJ	0.005 U	0.0049 UJ	0.0056 U
2,3,4,6,7,8-HxCDF	NS	NS	NS	NS	NS	NS	NS
2,3,4,7,8-PeCDF	NS	NS	NS	NS	NS	NS	NS
2,3,7,8-TCDD	NS	NS	1 UX	NS	NS	NS	NS
2,3,7,8-TCDF	NS	NS	2.7 J	NS	NS	NS	NS
2,4,5-Trichlorophenol	0.91 U	NS	NS	NS	NS	NS	NS
2,4,6-Trichlorophenol	0.36 U	NS	NS	NS	NS	NS	NS
2,4-Dichlorophenol	0.36 U	NS	NS	NS	NS	NS	NS
2,4-Dimethylphenol	0.36 U	NS	NS	NS	NS	NS	NS
2,4-Dinitrophenol	0.91 U	NS	NS	NS	NS	NS	NS
2,4-Dinitrotoluene	0.36 U	NS	NS	NS	NS	NS	NS
2,6-Dinitrotoluene	0.36 U	NS	NS	NS	NS	NS	NS
2-Butanone (Methyl ethyl ketone) (a)	0.0054 U	0.01	NS	0.055 J	0.005 UJ	0.0049 UJ	0.022 J
2-Chloronaphthalene	NS	NS	NS	NS	NS	NS	NS
2-Chlorophenol	0.36 U	NS	NS	NS	NS	NS	NS
2-Hexanone	0.0054 U	0.0055 U	NS	0.0078 UJ	0.005 U	0.0049 U	0.0056 U

**TABLE A-1**  
**Data Summary Table for Soil**

	Sample Location:	OCIFP-102	OCIFP-102	OCIFP-102	OCIFP-111	OCIFP-111	OCIFP-120	OCIFP-120
	Sample Date:	10/14/2011	10/14/2011	10/14/2011	10/25/2011	10/25/2011	10/25/2011	10/25/2011
	Unit:	mg/kg	mg/kg	pg/g	mg/kg	mg/kg	mg/kg	mg/kg
Start Depth (inches):		36	40	36	12	23	14	28
End Depth (inches):		40	48	40	23	27	28	32
2-Methylnaphthalene		0.36 U	NS	NS	NS	NS	NS	NS
2-Methylphenol (o-Cresol)		0.36 U	NS	NS	NS	NS	NS	NS
2-Nitroaniline		0.91 U	NS	NS	NS	NS	NS	NS
2-Nitrophenol		0.36 U	NS	NS	NS	NS	NS	NS
3,3'-Dichlorobenzidine		0.36 U	NS	NS	NS	NS	NS	NS
3+4-Methylphenol (m,p-Cresol)		0.73 U	NS	NS	NS	NS	NS	NS
3-Nitroaniline		0.91 U	NS	NS	NS	NS	NS	NS
4,4'-DDD		0.00046 J	NS	NS	NS	NS	NS	NS
4,4'-DDE		0.00047 J	NS	NS	NS	NS	NS	NS
4,4'-DDT		0.0036 U	NS	NS	NS	NS	NS	NS
4,6-Dinitro-2-Methylphenol		0.91 U	NS	NS	NS	NS	NS	NS
4-Bromophenyl phenyl ether		0.36 U	NS	NS	NS	NS	NS	NS
4-Chloro-3-Methylphenol		0.36 U	NS	NS	NS	NS	NS	NS
4-Chloroaniline		0.36 U	NS	NS	NS	NS	NS	NS
4-Chlorophenyl phenyl ether		0.36 U	NS	NS	NS	NS	NS	NS
4-Methylphenol (p-Cresol)		NS	NS	NS	NS	NS	NS	NS
4-Nitroaniline		0.91 U	NS	NS	NS	NS	NS	NS
4-Nitrophenol		0.91 U	NS	NS	NS	NS	NS	NS
Acenaphthene		0.36 U	NS	NS	NS	NS	NS	NS
Acenaphthylene		0.36 U	NS	NS	NS	NS	NS	NS
Acetone (a)		0.026	0.044	NS	0.21 J	0.006	0.0049 U	0.11 J
Acetophenone		0.36 U	NS	NS	NS	NS	NS	NS
Aldrin		0.0019 U	NS	NS	NS	NS	NS	NS
alpha-BHC		0.0019 U	NS	NS	NS	NS	NS	NS
alpha-Chlordane		0.00014 J	NS	NS	NS	NS	NS	NS
Aluminum		2720	NS	NS	NS	NS	NS	NS
Anthracene		0.36 U	NS	NS	NS	NS	NS	NS
Antimony		4.8 U	NS	NS	NS	NS	NS	NS
Arsenic		2.5	NS	NS	NS	NS	NS	NS
Atrazine		0.36 U	NS	NS	NS	NS	NS	NS
Barium		10.9 J	NS	NS	NS	NS	NS	NS
Benzaldehyde		0.36 U	NS	NS	NS	NS	NS	NS
Benzene		0.0054 U	0.0055 U	NS	0.0078 U	0.005 U	0.0049 U	0.0056 U
Benzo(a)anthracene		0.019	NS	NS	NS	NS	NS	NS
Benzo(a)pyrene		0.36 U	NS	NS	NS	NS	NS	NS
Benzo(b)fluoranthene		0.36 U	NS	NS	NS	NS	NS	NS
Benzo(g,h,i)perylene		0.36 U	NS	NS	NS	NS	NS	NS
Benzo(k)fluoranthene		0.36 U	NS	NS	NS	NS	NS	NS
Beryllium		0.12 J	NS	NS	NS	NS	NS	NS
beta-BHC		0.0028 JN	NS	NS	NS	NS	NS	NS
beta-Chlordane		0.0019 U	NS	NS	NS	NS	NS	NS
bis(2-Chloroethoxy)methane		0.36 U	NS	NS	NS	NS	NS	NS
bis(2-Chloroethyl)ether		0.36 U	NS	NS	NS	NS	NS	NS
bis(2-Chloroisopropyl)ether		0.36 U	NS	NS	NS	NS	NS	NS

**TABLE A-1**  
**Data Summary Table for Soil**

Sample Location: Sample Date: Unit: Start Depth (inches): End Depth (inches):	OCIFP-102 10/14/2011 mg/kg 36 40	OCIFP-102 10/14/2011 mg/kg 40 48	OCIFP-102 10/14/2011 pg/g 36 40	OCIFP-111 10/25/2011 mg/kg 12 23	OCIFP-111 10/25/2011 mg/kg 23 27	OCIFP-120 10/25/2011 mg/kg 14 28	OCIFP-120 10/25/2011 mg/kg 28 32
bis(2-Ethylhexyl)phthalate (b)	0.024	NS	NS	NS	NS	NS	NS
Bromodichloromethane (Dichlorobromomethane)	0.0054 U	0.0055 U	NS	0.0078 UJ	0.005 U	0.0049 U	0.0056 U
Bromoform (Tribromomethane)	0.0054 U	0.0055 U	NS	0.0078 UJ	0.005 U	0.0049 U	0.0056 U
Bromomethane (Methyl bromide)	0.0054 UJ	0.0055 UJ	NS	0.0078 U	0.005 U	0.0049 U	0.0056 U
Butyl benzyl phthalate (b)	0.36 U	NS	NS	NS	NS	NS	NS
Cadmium	0.16 J	NS	NS	NS	NS	NS	NS
Calcium	124000 J	NS	NS	NS	NS	NS	NS
Caprolactam	0.36 U	NS	NS	NS	NS	NS	NS
Carbazole	0.36 U	NS	NS	NS	NS	NS	NS
Carbon disulfide (a)	0.0015 J (b)	0.0055 U	NS	0.0078 UJ	0.005 UB	0.0011 J (b)	0.0056 U
Carbon tetrachloride	0.0054 U	0.0055 U	NS	0.0078 UJ	0.005 U	0.0049 U	0.0056 U
Chlordane (technical)	0.019 U	NS	NS	NS	NS	NS	NS
Chlorobenzene	0.0054 U	0.0055 U	NS	0.0078 UJ	0.005 U	0.0049 U	0.0056 U
Chlorobromomethane (Bromochloromethane)	0.0054 U	0.0055 U	NS	0.0078 U	0.005 U	0.0049 U	0.0056 U
Chlorodibromomethane (Dibromochloromethane)	0.0054 U	0.0055 U	NS	0.0078 UJ	0.005 U	0.0049 U	0.0056 U
Chloroethane	0.0054 U	0.0055 U	NS	0.0078 U	0.005 U	0.0049 U	0.0056 U
Chloroform	0.0054 U	0.0055 U	NS	0.0078 U	0.005 U	0.0049 U	0.0056 U
Chloromethane (Methyl chloride)	0.0054 U	0.0055 U	NS	0.0078 U	0.005 U	0.0049 U	0.0056 U
Chromium	15.5 J	NS	NS	NS	NS	NS	NS
Chrysene	0.36 U	NS	NS	NS	NS	NS	NS
cis-1,2-Dichloroethene	0.0054 U	0.0055 U	NS	0.0078 U	0.005 U	0.0049 U	0.0056 U
cis-1,3-Dichloropropene	0.0054 U	0.0055 U	NS	0.0078 UJ	0.005 U	0.0049 U	0.0056 U
Cobalt	2.3 J	NS	NS	NS	NS	NS	NS
Copper	5.5	NS	NS	NS	NS	NS	NS
Cyanide	NS	NS	NS	NS	NS	NS	NS
delta-BHC	NS	NS	NS	NS	NS	NS	NS
Dibenzo(a,h)anthracene	0.36 U	NS	NS	NS	NS	NS	NS
Dibenzofuran	0.36 U	NS	NS	NS	NS	NS	NS
Dichlorodifluoromethane	0.0054 U	0.0055 U	NS	0.0078 U	0.005 U	0.0049 U	0.0056 U
Dieldrin	0.0036 U	NS	NS	NS	NS	NS	NS
Diethyl phthalate (b)	0.36 U	NS	NS	NS	NS	NS	NS
Dimethyl phthalate	0.36 U	NS	NS	NS	NS	NS	NS
Di-n-butyl phthalate (b)	0.36 U	NS	NS	NS	NS	NS	NS
Di-n-octyl phthalate	0.36 U	NS	NS	NS	NS	NS	NS
Endosulfan I	0.0019 U	NS	NS	NS	NS	NS	NS
Endosulfan II	0.0036 U	NS	NS	NS	NS	NS	NS
Endosulfan sulfate	0.0036 U	NS	NS	NS	NS	NS	NS
Endrin	0.0036 U	NS	NS	NS	NS	NS	NS
Endrin aldehyde	0.0036 U	NS	NS	NS	NS	NS	NS
Endrin ketone	0.0036 U	NS	NS	NS	NS	NS	NS
Ethylbenzene	0.0054 U	0.0055 U	NS	0.0078 UJ	0.005 U	0.0049 U	0.0056 U
Fluoranthene	0.027	NS	NS	NS	NS	NS	NS
Fluorene	0.36 U	NS	NS	NS	NS	NS	NS
Freon-113 (1,1,2-trichloro-1,2,2-trifluoroethane)	0.0054 U	0.0055 U	NS	0.0078 U	0.005 U	0.0049 U	0.0056 U

**TABLE A-1**  
**Data Summary Table for Soil**

Sample Location: Sample Date: Unit: Start Depth (inches): End Depth (inches):	OCIFP-102 10/14/2011 mg/kg	OCIFP-102 10/14/2011 mg/kg	OCIFP-102 10/14/2011 pg/g	OCIFP-111 10/25/2011 mg/kg	OCIFP-111 10/25/2011 mg/kg	OCIFP-120 10/25/2011 mg/kg	OCIFP-120 10/25/2011 mg/kg
	36	40	36	12	23	14	28
	40	48	40	23	27	28	32
gamma-BHC (Lindane)	0.0015 J	NS	NS	NS	NS	NS	NS
gamma-Chlordane	NS	NS	NS	NS	NS	NS	NS
Heptachlor	0.0029 JN	NS	NS	NS	NS	NS	NS
Heptachlor Epoxide	0.0019 U	NS	NS	NS	NS	NS	NS
Hexachlorobenzene	0.36 U	NS	NS	NS	NS	NS	NS
Hexachlorobutadiene	0.36 U	NS	NS	NS	NS	NS	NS
Hexachlorocyclopentadiene	0.36 U	NS	NS	NS	NS	NS	NS
Hexachloroethane	0.36 U	NS	NS	NS	NS	NS	NS
Indeno(1,2,3-cd)pyrene	0.36 U	NS	NS	NS	NS	NS	NS
Iron	6380 J	NS	NS	NS	NS	NS	NS
Isophorone	0.36 U	NS	NS	NS	NS	NS	NS
Isopropylbenzene (Cumene)	0.0054 U	0.0055 U	NS	0.0078 UJ	0.005 U	0.0049 U	0.0056 U
Lead	8	NS	NS	NS	NS	NS	NS
Magnesium	43600	NS	NS	NS	NS	NS	NS
Manganese	138 J	NS	NS	NS	NS	NS	NS
Mercury	0.1	0.14	NS	0.29 J	0.014 UBJ	0.034	0.026
Methoxychlor	0.019 U	NS	NS	NS	NS	NS	NS
Methyl isobutyl ketone (4-Methyl-2-pentanone)	0.0054 U	0.0055 U	NS	0.0078 U	0.005 U	0.0049 U	0.0056 U
Methyl tertiary butyl ether (MTBE)	0.0054 U	0.0055 U	NS	0.0078 U	0.005 U	0.0049 U	0.0056 U
Methylene chloride (Dichloromethane) (a)	0.0027 J (b)	0.002 J (b)	NS	0.0024 J (b)	0.002 J (b)	0.0014 J (b)	0.0014 J (b)
Naphthalene	0.36 U	NS	NS	NS	NS	NS	NS
Nickel	9.7 J	NS	NS	NS	NS	NS	NS
Nitrobenzene	0.36 U	NS	NS	NS	NS	NS	NS
N-Nitrosodi-n-propylamine	0.36 U	NS	NS	NS	NS	NS	NS
N-Nitrosodiphenylamine	0.42 U	NS	NS	NS	NS	NS	NS
OCDD	NS	NS	320	NS	NS	NS	NS
OCDF	NS	NS	7.3 J	NS	NS	NS	NS
Pentachlorophenol	0.91 U	NS	NS	NS	NS	NS	NS
Phenanthrene	0.013	NS	NS	NS	NS	NS	NS
Phenol	0.36 U	NS	NS	NS	NS	NS	NS
Potassium	329 J	NS	NS	NS	NS	NS	NS
Pyrene	0.033	NS	NS	NS	NS	NS	NS
Selenium	2.8 U	NS	NS	NS	NS	NS	NS
Silver	0.79 U	NS	NS	NS	NS	NS	NS
Sodium	115 J	NS	NS	NS	NS	NS	NS
Styrene	0.0054 U	0.0055 U	NS	0.0078 UJ	0.005 U	0.0049 U	0.0056 U
Tetrachloroethene (PCE)	0.0054 U	0.0055 U	NS	0.0078 UJ	0.005 U	0.0049 U	0.0056 U
Thallium	2 U	NS	NS	NS	NS	NS	NS
Toluene (a)	0.0054 U	0.0055 U	NS	0.001 J (b)	0.00037 J (b)	0.0049 U	0.00022 J (b)
Toxaphene	0.19 U	NS	NS	NS	NS	NS	NS
trans-1,2-Dichloroethene	0.0054 U	0.0055 U	NS	0.0078 U	0.005 U	0.0049 U	0.0056 U
trans-1,3-Dichloropropene	0.0054 U	0.0055 U	NS	0.0078 UJ	0.005 U	0.0049 U	0.0056 U
Trichloroethene (TCE)	0.0054 U	0.0055 U	NS	0.0078 UJ	0.005 U	0.0049 U	0.0056 U
Trichlorofluoromethane	0.0054 U	0.0055 U	NS	0.0078 U	0.005 U	0.0049 U	0.0056 U

TABLE A-1  
Data Summary Table for Soil

Sample Location: Sample Date: Unit: Start Depth (inches): End Depth (inches):	OCIFP-102 10/14/2011 mg/kg	OCIFP-102 10/14/2011 mg/kg	OCIFP-102 10/14/2011 pg/g	OCIFP-111 10/25/2011 mg/kg	OCIFP-111 10/25/2011 mg/kg	OCIFP-120 10/25/2011 mg/kg	OCIFP-120 10/25/2011 mg/kg
	36	40	36	12	23	14	28
	40	48	40	23	27	28	32
Vanadium	10	NS	NS	NS	NS	NS	NS
Vinyl Chloride	0.0054 U	0.0055 U	NS	0.0078 U	0.005 U	0.0049 U	0.0056 U
Xylenes, Total	0.0054 U	0.0055 U	NS	0.0078 UJ	0.005 U	0.0049 U	0.0056 U
Zinc	25.5 J	NS	NS	NS	NS	NS	NS

Notes:

- (a) Potential laboratory contaminant.
- (b) For potential lab contaminants: The detected value is J / B flagged and the result is less than the reporting limit; the sample is considered a non-detect.



**TABLE A-1**  
**Data Summary Table for Soil**

Sample Location: Sample Date: Unit: Start Depth (inches): End Depth (inches):	OCIFP-120 10/25/2011 mg/kg 32 39	OCIFP-134 10/27/2011 mg/kg 35 42	OCIFP-134 10/27/2011 pg/g 35 42	OCTBN-003 10/19/2011 mg/kg 18 24	OCTBN-003 10/19/2011 mg/kg 24 36	OCTBN-003 10/19/2011 mg/kg 36 53	OCTBN-003 10/19/2011 mg/kg 53 65
1,1,1-Trichloroethane	0.006 U	NS	NS	0.017 U	0.018 U	0.015 U	0.0057 U
1,1,2,2-Tetrachloroethane	0.006 U	NS	NS	0.017 UJ	0.018 UJ	0.015 UJ	0.0057 U
1,1,2-Trichloroethane	0.006 U	NS	NS	0.017 UJ	0.018 U	0.015 U	0.0057 U
1,1-Dichloroethane	0.006 U	NS	NS	0.017 U	0.018 U	0.015 U	0.0057 U
1,1-Dichloroethene	0.006 U	NS	NS	0.017 U	0.018 U	0.015 U	0.0057 U
1,2,3,4,6,7,8,9-OCDD	NS	NS	NS	NS	NS	NS	NS
1,2,3,4,6,7,8,9-OCDF	NS	NS	NS	NS	NS	NS	NS
1,2,3,4,6,7,8-HpCDD	NS	NS	61 UX	NS	NS	NS	NS
1,2,3,4,6,7,8-HpCDF	NS	NS	61 U	NS	NS	NS	NS
1,2,3,4,7,8,9-HpCDF	NS	NS	61 U	NS	NS	NS	NS
1,2,3,4,7,8-HxCDD	NS	NS	61 U	NS	NS	NS	NS
1,2,3,4,7,8-HxCDF	NS	NS	61 U	NS	NS	NS	NS
1,2,3,6,7,8-HxCDD	NS	NS	61 U	NS	NS	NS	NS
1,2,3,6,7,8-HxCDF	NS	NS	61 U	NS	NS	NS	NS
1,2,3,7,8,9-HxCDD	NS	NS	61 U	NS	NS	NS	NS
1,2,3,7,8,9-HxCDF	NS	NS	61 U	NS	NS	NS	NS
1,2,3,7,8-PeCDD	NS	NS	61 U	NS	NS	NS	NS
1,2,3,7,8-PeCDF	NS	NS	61 U	NS	NS	NS	NS
1,2,3-Trichlorobenzene	0.006 U	NS	NS	0.017 UJ	0.018 UJ	0.015 UJ	0.0057 U
1,2,4,5-Tetrachlorobenzene	NS	0.41 U	NS	NS	NS	NS	NS
1,2,4-Trichlorobenzene	0.006 U	NS	NS	0.017 UJ	0.018 UJ	0.015 UJ	0.0057 U
1,2-Dibromo-3-Chloropropane	0.006 U	NS	NS	0.017 UJ	0.018 UJ	0.015 UJ	0.0057 U
1,2-Dibromoethane (Ethylene dibromide)	0.006 U	NS	NS	0.017 UJ	0.018 U	0.015 U	0.0057 U
1,2-Dichlorobenzene	0.006 U	NS	NS	0.017 UJ	0.018 UJ	0.015 UJ	0.0057 U
1,2-Dichloroethane	0.006 U	NS	NS	0.017 U	0.018 U	0.015 U	0.0057 U
1,2-Dichloroethene (Total)	NS	NS	NS	NS	NS	NS	NS
1,2-Dichloropropane	0.006 U	NS	NS	0.017 U	0.018 U	0.015 U	0.0057 U
1,3-Dichlorobenzene	0.006 U	NS	NS	0.017 UJ	0.018 UJ	0.015 UJ	0.0057 U
1,4-Dichlorobenzene	0.006 U	NS	NS	0.017 UJ	0.018 UJ	0.015 UJ	0.0057 U
2,3,4,6,7,8-HxCDF	NS	NS	NS	NS	NS	NS	NS
2,3,4,7,8-PeCDF	NS	NS	NS	NS	NS	NS	NS
2,3,7,8-TCDD	NS	NS	12 U	NS	NS	NS	NS
2,3,7,8-TCDF	NS	NS	12 U	NS	NS	NS	NS
2,4,5-Trichlorophenol	NS	1 U	NS	NS	NS	NS	NS
2,4,6-Trichlorophenol	NS	0.41 U	NS	NS	NS	NS	NS
2,4-Dichlorophenol	NS	0.41 U	NS	NS	NS	NS	NS
2,4-Dimethylphenol	NS	0.41 U	NS	NS	NS	NS	NS
2,4-Dinitrophenol	NS	1 U	NS	NS	NS	NS	NS
2,4-Dinitrotoluene	NS	0.41 U	NS	NS	NS	NS	NS
2,6-Dinitrotoluene	NS	0.41 U	NS	NS	NS	NS	NS
2-Butanone (Methyl ethyl ketone) (a)	0.006 UJ	NS	NS	0.41 J	0.24 J	0.16 J	0.0057 U
2-Chloronaphthalene	NS	NS	NS	NS	NS	NS	NS
2-Chlorophenol	NS	0.41 U	NS	NS	NS	NS	NS
2-Hexanone	0.006 U	NS	NS	0.017 UJ	0.018 U	0.015 U	0.0057 U

**TABLE A-1**  
**Data Summary Table for Soil**

Sample Location: Sample Date: Unit: Start Depth (inches): End Depth (inches):	OCIFP-120 10/25/2011 mg/kg	OCIFP-134 10/27/2011 mg/kg	OCIFP-134 10/27/2011 pg/g	OCTBN-003 10/19/2011 mg/kg	OCTBN-003 10/19/2011 mg/kg	OCTBN-003 10/19/2011 mg/kg	OCTBN-003 10/19/2011 mg/kg
	32	35	35	18	24	36	53
	39	42	42	24	36	53	65
2-Methylnaphthalene	NS	0.41 U	NS	NS	NS	NS	NS
2-Methylphenol (o-Cresol)	NS	0.41 U	NS	NS	NS	NS	NS
2-Nitroaniline	NS	1 U	NS	NS	NS	NS	NS
2-Nitrophenol	NS	0.41 U	NS	NS	NS	NS	NS
3,3'-Dichlorobenzidine	NS	0.41 U	NS	NS	NS	NS	NS
3+4-Methylphenol (m,p-Cresol)	NS	0.82 U	NS	NS	NS	NS	NS
3-Nitroaniline	NS	1 U	NS	NS	NS	NS	NS
4,4'-DDD	NS	0.0042 U	NS	NS	NS	NS	NS
4,4'-DDE	NS	0.0042 U	NS	NS	NS	NS	NS
4,4'-DDT	NS	0.0042 U	NS	NS	NS	NS	NS
4,6-Dinitro-2-Methylphenol	NS	1 U	NS	NS	NS	NS	NS
4-Bromophenyl phenyl ether	NS	0.41 U	NS	NS	NS	NS	NS
4-Chloro-3-Methylphenol	NS	0.41 U	NS	NS	NS	NS	NS
4-Chloroaniline	NS	0.41 U	NS	NS	NS	NS	NS
4-Chlorophenyl phenyl ether	NS	0.41 U	NS	NS	NS	NS	NS
4-Methylphenol (p-Cresol)	NS	NS	NS	NS	NS	NS	NS
4-Nitroaniline	NS	1 U	NS	NS	NS	NS	NS
4-Nitrophenol	NS	1 U	NS	NS	NS	NS	NS
Acenaphthene	NS	0.41 U	NS	NS	NS	NS	NS
Acenaphthylene	NS	0.018 J	NS	NS	NS	NS	NS
Acetone (a)	0.012	NS	NS	1.6 J	0.94 J	0.58 J	0.0084
Acetophenone	NS	0.033 J	NS	NS	NS	NS	NS
Aldrin	NS	0.0021 U	NS	NS	NS	NS	NS
alpha-BHC	NS	0.0021 U	NS	NS	NS	NS	NS
alpha-Chlordane	NS	0.0021 U	NS	NS	NS	NS	NS
Aluminum	NS	1530	NS	NS	NS	NS	NS
Anthracene	NS	0.4 J	NS	NS	NS	NS	NS
Antimony	NS	5.4 U	NS	NS	NS	NS	NS
Arsenic	NS	3.5	NS	NS	NS	NS	NS
Atrazine	NS	0.41 U	NS	NS	NS	NS	NS
Barium	NS	20.9 J	NS	NS	NS	NS	NS
Benzaldehyde	NS	0.032 J	NS	NS	NS	NS	NS
Benzene	0.006 U	NS	NS	0.017 U	0.018 U	0.015 U	0.0057 U
Benzo(a)anthracene	NS	0.73	NS	NS	NS	NS	NS
Benzo(a)pyrene	NS	0.47	NS	NS	NS	NS	NS
Benzo(b)fluoranthene	NS	0.4 J	NS	NS	NS	NS	NS
Benzo(g,h,i)perylene	NS	0.16 J	NS	NS	NS	NS	NS
Benzo(k)fluoranthene	NS	0.48	NS	NS	NS	NS	NS
Beryllium	NS	0.092 J	NS	NS	NS	NS	NS
beta-BHC	NS	0.00036 J	NS	NS	NS	NS	NS
beta-Chlordane	NS	0.0021 U	NS	NS	NS	NS	NS
bis(2-Chloroethoxy)methane	NS	0.41 U	NS	NS	NS	NS	NS
bis(2-Chloroethyl)ether	NS	0.41 U	NS	NS	NS	NS	NS
bis(2-Chloroisopropyl)ether	NS	0.41 U	NS	NS	NS	NS	NS

**TABLE A-1**  
**Data Summary Table for Soil**

Sample Location: Sample Date: Unit: Start Depth (inches): End Depth (inches):	OCIFP-120 10/25/2011 mg/kg 32 39	OCIFP-134 10/27/2011 mg/kg 35 42	OCIFP-134 10/27/2011 pg/g 35 42	OCTBN-003 10/19/2011 mg/kg 18 24	OCTBN-003 10/19/2011 mg/kg 24 36	OCTBN-003 10/19/2011 mg/kg 36 53	OCTBN-003 10/19/2011 mg/kg 53 65
bis(2-Ethylhexyl)phthalate (b)	NS	0.41 U	NS	NS	NS	NS	NS
Bromodichloromethane (Dichlorobromomethane)	0.006 U	NS	NS	0.017 U	0.018 U	0.015 U	0.0057 U
Bromoform (Tribromomethane)	0.006 U	NS	NS	0.017 UJ	0.018 U	0.015 U	0.0057 U
Bromomethane (Methyl bromide)	0.006 U	NS	NS	0.017 UJ	0.018 UJ	0.015 UJ	0.0057 UJ
Butyl benzyl phthalate (b)	NS	0.41 U	NS	NS	NS	NS	NS
Cadmium	NS	0.45 U	NS	NS	NS	NS	NS
Calcium	NS	46800 J	NS	NS	NS	NS	NS
Caprolactam	NS	0.41 U	NS	NS	NS	NS	NS
Carbazole	NS	0.41 U	NS	NS	NS	NS	NS
Carbon disulfide (a)	0.0012 J (b)	NS	NS	0.024 J	0.019 J	0.0064 J (b)	0.00055 J (b)
Carbon tetrachloride	0.006 U	NS	NS	0.017 U	0.018 U	0.015 U	0.0057 U
Chlordane (technical)	NS	0.021 U	NS	NS	NS	NS	NS
Chlorobenzene	0.006 U	NS	NS	0.017 UJ	0.018 U	0.015 U	0.0057 U
Chlorobromomethane (Bromochloromethane)	0.006 U	NS	NS	0.017 U	0.018 U	0.015 U	0.0057 U
Chlorodibromomethane (Dibromochloromethane)	0.006 U	NS	NS	0.017 U	0.018 U	0.015 U	0.0057 U
Chloroethane	0.006 U	NS	NS	0.017 U	0.018 U	0.015 U	0.0057 U
Chloroform	0.006 U	NS	NS	0.017 U	0.018 U	0.015 U	0.0057 U
Chloromethane (Methyl chloride)	0.006 U	NS	NS	0.017 U	0.018 U	0.015 U	0.0057 U
Chromium	NS	4 J	NS	NS	NS	NS	NS
Chrysene	NS	0.58	NS	NS	NS	NS	NS
cis-1,2-Dichloroethene	0.006 U	NS	NS	0.017 U	0.018 U	0.015 U	0.0057 U
cis-1,3-Dichloropropene	0.006 U	NS	NS	0.017 U	0.018 U	0.015 U	0.0057 U
Cobalt	NS	1.6 J	NS	NS	NS	NS	NS
Copper	NS	1.5 J	NS	NS	NS	NS	NS
Cyanide	NS	NS	NS	NS	NS	NS	NS
delta-BHC	NS	NS	NS	NS	NS	NS	NS
Dibenzo(a,h)anthracene	NS	0.41 U	NS	NS	NS	NS	NS
Dibenzofuran	NS	0.025 J	NS	NS	NS	NS	NS
Dichlorodifluoromethane	0.006 U	NS	NS	0.017 UJ	0.018 U	0.015 U	0.0057 U
Dieldrin	NS	0.0042 U	NS	NS	NS	NS	NS
Diethyl phthalate (b)	NS	0.41 U	NS	NS	NS	NS	NS
Dimethyl phthalate	NS	0.41 U	NS	NS	NS	NS	NS
Di-n-butyl phthalate (b)	NS	0.41 U	NS	NS	NS	NS	NS
Di-n-octyl phthalate	NS	0.41 U	NS	NS	NS	NS	NS
Endosulfan I	NS	0.00023 J	NS	NS	NS	NS	NS
Endosulfan II	NS	0.0042 U	NS	NS	NS	NS	NS
Endosulfan sulfate	NS	0.0042 U	NS	NS	NS	NS	NS
Endrin	NS	0.0042 U	NS	NS	NS	NS	NS
Endrin aldehyde	NS	0.0042 U	NS	NS	NS	NS	NS
Endrin ketone	NS	0.0042 U	NS	NS	NS	NS	NS
Ethylbenzene	0.006 U	NS	NS	0.017 UJ	0.018 U	0.015 U	0.0057 U
Fluoranthene	NS	1.1	NS	NS	NS	NS	NS
Fluorene	NS	0.089 J	NS	NS	NS	NS	NS
Freon-113 (1,1,2-trichloro-1,2,2-trifluoroethane)	0.006 U	NS	NS	0.017 U	0.018 U	0.015 U	0.0057 U

**TABLE A-1**  
**Data Summary Table for Soil**

Sample Location: Sample Date: Unit: Start Depth (inches): End Depth (inches):	OCIFP-120 10/25/2011 mg/kg	OCIFP-134 10/27/2011 mg/kg	OCIFP-134 10/27/2011 pg/g	OCTBN-003 10/19/2011 mg/kg	OCTBN-003 10/19/2011 mg/kg	OCTBN-003 10/19/2011 mg/kg	OCTBN-003 10/19/2011 mg/kg
	32	35	35	18	24	36	53
	39	42	42	24	36	53	65
gamma-BHC (Lindane)	NS	0.0021 U	NS	NS	NS	NS	NS
gamma-Chlordane	NS	NS	NS	NS	NS	NS	NS
Heptachlor	NS	0.0021 U	NS	NS	NS	NS	NS
Heptachlor Epoxide	NS	0.0021 U	NS	NS	NS	NS	NS
Hexachlorobenzene	NS	0.41 U	NS	NS	NS	NS	NS
Hexachlorobutadiene	NS	0.41 U	NS	NS	NS	NS	NS
Hexachlorocyclopentadiene	NS	0.41 U	NS	NS	NS	NS	NS
Hexachloroethane	NS	0.41 U	NS	NS	NS	NS	NS
Indeno(1,2,3-cd)pyrene	NS	0.18 J	NS	NS	NS	NS	NS
Iron	NS	4660 J	NS	NS	NS	NS	NS
Isophorone	NS	0.41 U	NS	NS	NS	NS	NS
Isopropylbenzene (Cumene)	0.006 U	NS	NS	0.017 UJ	0.018 UJ	0.015 UJ	0.0057 U
Lead	NS	2.9	NS	NS	NS	NS	NS
Magnesium	NS	5020	NS	NS	NS	NS	NS
Manganese	NS	174 J	NS	NS	NS	NS	NS
Mercury	0.019	0.1	NS	3.6	3.1	5.8	0.036 U
Methoxychlor	NS	0.021 U	NS	NS	NS	NS	NS
Methyl isobutyl ketone (4-Methyl-2-pentanone)	0.006 U	NS	NS	0.017 U	0.018 U	0.015 U	0.0057 U
Methyl tertiary butyl ether (MTBE)	0.006 U	NS	NS	0.017 U	0.018 U	0.015 U	0.0057 U
Methylene chloride (Dichloromethane) (a)	0.0025 J (b)	NS	NS	0.017 UB	0.018 UB	0.015 UB	0.0057 UB
Naphthalene	NS	0.41 U	NS	NS	NS	NS	NS
Nickel	NS	2.8 J	NS	NS	NS	NS	NS
Nitrobenzene	NS	0.41 U	NS	NS	NS	NS	NS
N-Nitrosodi-n-propylamine	NS	0.41 U	NS	NS	NS	NS	NS
N-Nitrosodiphenylamine	NS	0.48 U	NS	NS	NS	NS	NS
OCDD	NS	NS	140	NS	NS	NS	NS
OCDF	NS	NS	120 U	NS	NS	NS	NS
Pentachlorophenol	NS	1 U	NS	NS	NS	NS	NS
Phenanthrene	NS	0.9	NS	NS	NS	NS	NS
Phenol	NS	0.41 U	NS	NS	NS	NS	NS
Potassium	NS	131 J	NS	NS	NS	NS	NS
Pyrene	NS	1.3	NS	NS	NS	NS	NS
Selenium	NS	3.1 U	NS	NS	NS	NS	NS
Silver	NS	0.89 U	NS	NS	NS	NS	NS
Sodium	NS	60.3 J	NS	NS	NS	NS	NS
Styrene	0.006 U	NS	NS	0.017 UJ	0.018 U	0.015 U	0.0057 U
Tetrachloroethene (PCE)	0.006 U	NS	NS	0.017 UJ	0.018 U	0.015 U	0.0057 U
Thallium	NS	2.2 U	NS	NS	NS	NS	NS
Toluene (a)	0.00025 J (b)	NS	NS	0.0049 J (b)	0.0043 J (b)	0.002 J (b)	0.00097 J (b)
Toxaphene	NS	0.21 U	NS	NS	NS	NS	NS
trans-1,2-Dichloroethene	0.006 U	NS	NS	0.017 U	0.018 U	0.015 U	0.0057 U
trans-1,3-Dichloropropene	0.006 U	NS	NS	0.017 UJ	0.018 U	0.015 U	0.0057 U
Trichloroethene (TCE)	0.006 U	NS	NS	0.017 U	0.018 U	0.015 U	0.0057 U
Trichlorofluoromethane	0.006 U	NS	NS	0.017 U	0.018 U	0.015 U	0.0057 U

TABLE A-1  
Data Summary Table for Soil

Sample Location: Sample Date: Unit: Start Depth (inches): End Depth (inches):	OCIFP-120 10/25/2011 mg/kg	OCIFP-134 10/27/2011 mg/kg	OCIFP-134 10/27/2011 pg/g	OCTBN-003 10/19/2011 mg/kg	OCTBN-003 10/19/2011 mg/kg	OCTBN-003 10/19/2011 mg/kg	OCTBN-003 10/19/2011 mg/kg
	32	35	35	18	24	36	53
	39	42	42	24	36	53	65
Vanadium	NS	4.9	NS	NS	NS	NS	NS
Vinyl Chloride	0.006 U	NS	NS	0.017 U	0.018 U	0.015 U	0.0057 U
Xylenes, Total	0.006 U	NS	NS	0.004 J	0.0053 J	0.015 U	0.0057 U
Zinc	NS	9.8 J	NS	NS	NS	NS	NS

Notes:  
(a) Potential laboratory contaminant.  
(b) For potential lab contaminants: The detected value is J / B flagged and the result is less than the reporting limit; the sample is considered a non-detect.

**TABLE A-1**  
**Data Summary Table for Soil**

Sample Location: Sample Date: Unit: Start Depth (inches): End Depth (inches):	OCTBN-011 10/26/2011 mg/kg 12 17	OCTBN-011 10/26/2011 mg/kg 19 32	OCTBN-011 10/26/2011 mg/kg 32 44	OCTBN-011 10/26/2011 mg/kg 44 52	OCTBN-011 10/26/2011 mg/kg 52 64	OCTBN-011 10/26/2011 mg/kg 64 74	OCTBN-016 10/27/2011 mg/kg 24 32
1,1,1-Trichloroethane	0.0065 U	0.0051 U	0.016 U	0.0061 U	0.0088 U	0.0071 U	NS
1,1,2,2-Tetrachloroethane	0.0065 U	0.0051 U	0.016 UJ	0.0061 U	0.0088 U	0.0071 U	NS
1,1,2-Trichloroethane	0.0065 U	0.0051 U	0.016 U	0.0061 U	0.0088 U	0.0071 U	NS
1,1-Dichloroethane	0.0065 U	0.0051 U	0.016 U	0.0061 U	0.0088 U	0.0071 U	NS
1,1-Dichloroethene	0.0065 U	0.0051 U	0.016 U	0.0061 U	0.0088 U	0.0071 U	NS
1,2,3,4,6,7,8,9-OCDD	NS	NS	NS	NS	NS	NS	NS
1,2,3,4,6,7,8,9-OCDF	NS	NS	NS	NS	NS	NS	NS
1,2,3,4,6,7,8-HpCDD	NS	NS	NS	NS	NS	NS	NS
1,2,3,4,6,7,8-HpCDF	NS	NS	NS	NS	NS	NS	NS
1,2,3,4,7,8,9-HpCDF	NS	NS	NS	NS	NS	NS	NS
1,2,3,4,7,8-HxCDD	NS	NS	NS	NS	NS	NS	NS
1,2,3,4,7,8-HxCDF	NS	NS	NS	NS	NS	NS	NS
1,2,3,6,7,8-HxCDD	NS	NS	NS	NS	NS	NS	NS
1,2,3,6,7,8-HxCDF	NS	NS	NS	NS	NS	NS	NS
1,2,3,7,8,9-HxCDD	NS	NS	NS	NS	NS	NS	NS
1,2,3,7,8,9-HxCDF	NS	NS	NS	NS	NS	NS	NS
1,2,3,7,8-PeCDD	NS	NS	NS	NS	NS	NS	NS
1,2,3,7,8-PeCDF	NS	NS	NS	NS	NS	NS	NS
1,2,3-Trichlorobenzene	0.0065 UB	0.0051 U	0.016 UJ	0.0061 U	0.0088 U	0.0071 U	NS
1,2,4,5-Tetrachlorobenzene	NS	NS	NS	NS	NS	NS	0.34 U
1,2,4-Trichlorobenzene	0.0065 U	0.0051 U	0.016 UJ	0.0061 U	0.0088 U	0.0071 U	NS
1,2-Dibromo-3-Chloropropane	0.0065 U	0.0051 U	0.016 UJ	0.0061 U	0.0088 U	0.0071 U	NS
1,2-Dibromoethane (Ethylene dibromide)	0.0065 U	0.0051 U	0.016 U	0.0061 U	0.0088 U	0.0071 U	NS
1,2-Dichlorobenzene	0.0065 U	0.0051 U	0.016 UJ	0.0061 U	0.0088 U	0.0071 U	NS
1,2-Dichloroethane	0.0065 U	0.0051 U	0.016 U	0.0061 U	0.0088 U	0.0071 U	NS
1,2-Dichloroethene (Total)	NS	NS	NS	NS	NS	NS	NS
1,2-Dichloropropane	0.0065 U	0.0051 U	0.016 U	0.0061 U	0.0088 U	0.0071 U	NS
1,3-Dichlorobenzene	0.0065 U	0.0051 U	0.016 UJ	0.0061 U	0.0088 U	0.0071 U	NS
1,4-Dichlorobenzene	0.0065 U	0.0051 U	0.016 UJ	0.0061 U	0.0088 U	0.0071 U	NS
2,3,4,6,7,8-HxCDF	NS	NS	NS	NS	NS	NS	NS
2,3,4,7,8-PeCDF	NS	NS	NS	NS	NS	NS	NS
2,3,7,8-TCDD	NS	NS	NS	NS	NS	NS	NS
2,3,7,8-TCDF	NS	NS	NS	NS	NS	NS	NS
2,4,5-Trichlorophenol	NS	NS	NS	NS	NS	NS	0.86 U
2,4,6-Trichlorophenol	NS	NS	NS	NS	NS	NS	0.34 U
2,4-Dichlorophenol	NS	NS	NS	NS	NS	NS	0.34 U
2,4-Dimethylphenol	NS	NS	NS	NS	NS	NS	0.34 U
2,4-Dinitrophenol	NS	NS	NS	NS	NS	NS	0.86 U
2,4-Dinitrotoluene	NS	NS	NS	NS	NS	NS	0.34 U
2,6-Dinitrotoluene	NS	NS	NS	NS	NS	NS	0.34 U
2-Butanone (Methyl ethyl ketone) (a)	0.021 J	0.0051 UJ	0.15 J	0.0061 UJ	0.023 J	0.01 J	NS
2-Chloronaphthalene	NS	NS	NS	NS	NS	NS	NS
2-Chlorophenol	NS	NS	NS	NS	NS	NS	0.34 U
2-Hexanone	0.0065 U	0.0051 U	0.016 U	0.0061 U	0.0088 U	0.0071 U	NS

**TABLE A-1**  
**Data Summary Table for Soil**

Sample Location: Sample Date: Unit: Start Depth (inches): End Depth (inches):	OCTBN-011 10/26/2011 mg/kg	OCTBN-011 10/26/2011 mg/kg	OCTBN-011 10/26/2011 mg/kg	OCTBN-011 10/26/2011 mg/kg	OCTBN-011 10/26/2011 mg/kg	OCTBN-011 10/26/2011 mg/kg	OCTBN-016 10/27/2011 mg/kg
	12	19	32	44	52	64	24
	17	32	44	52	64	74	32
2-Methylnaphthalene	NS	NS	NS	NS	NS	NS	0.34 U
2-Methylphenol (o-Cresol)	NS	NS	NS	NS	NS	NS	0.34 U
2-Nitroaniline	NS	NS	NS	NS	NS	NS	0.86 U
2-Nitrophenol	NS	NS	NS	NS	NS	NS	0.34 U
3,3'-Dichlorobenzidine	NS	NS	NS	NS	NS	NS	0.34 U
3+4-Methylphenol (m,p-Cresol)	NS	NS	NS	NS	NS	NS	0.69 U
3-Nitroaniline	NS	NS	NS	NS	NS	NS	0.86 U
4,4'-DDD	NS	NS	NS	NS	NS	NS	0.0021 J
4,4'-DDE	NS	NS	NS	NS	NS	NS	0.0069
4,4'-DDT	NS	NS	NS	NS	NS	NS	0.0035 U
4,6-Dinitro-2-Methylphenol	NS	NS	NS	NS	NS	NS	0.86 U
4-Bromophenyl phenyl ether	NS	NS	NS	NS	NS	NS	0.34 U
4-Chloro-3-Methylphenol	NS	NS	NS	NS	NS	NS	0.34 U
4-Chloroaniline	NS	NS	NS	NS	NS	NS	0.34 U
4-Chlorophenyl phenyl ether	NS	NS	NS	NS	NS	NS	0.34 U
4-Methylphenol (p-Cresol)	NS	NS	NS	NS	NS	NS	NS
4-Nitroaniline	NS	NS	NS	NS	NS	NS	0.86 U
4-Nitrophenol	NS	NS	NS	NS	NS	NS	0.86 U
Acenaphthene	NS	NS	NS	NS	NS	NS	0.34 U
Acenaphthylene	NS	NS	NS	NS	NS	NS	0.34 U
Acetone (a)	0.079 J	0.028 J	0.55 J	0.018 UBJ	0.089 J	0.05 J	NS
Acetophenone	NS	NS	NS	NS	NS	NS	0.34 U
Aldrin	NS	NS	NS	NS	NS	NS	0.0018 U
alpha-BHC	NS	NS	NS	NS	NS	NS	0.0018 U
alpha-Chlordane	NS	NS	NS	NS	NS	NS	0.0011 J
Aluminum	NS	NS	NS	NS	NS	NS	2880
Anthracene	NS	NS	NS	NS	NS	NS	0.34 U
Antimony	NS	NS	NS	NS	NS	NS	4.8 U
Arsenic	NS	NS	NS	NS	NS	NS	4
Atrazine	NS	NS	NS	NS	NS	NS	0.34 U
Barium	NS	NS	NS	NS	NS	NS	17.4 J
Benzaldehyde	NS	NS	NS	NS	NS	NS	0.34 U
Benzene	0.0065 U	0.0051 U	0.016 U	0.0061 U	0.0088 U	0.0071 U	NS
Benzo(a)anthracene	NS	NS	NS	NS	NS	NS	0.34 U
Benzo(a)pyrene	NS	NS	NS	NS	NS	NS	0.34 U
Benzo(b)fluoranthene	NS	NS	NS	NS	NS	NS	0.34 U
Benzo(g,h,i)perylene	NS	NS	NS	NS	NS	NS	0.34 U
Benzo(k)fluoranthene	NS	NS	NS	NS	NS	NS	0.34 U
Beryllium	NS	NS	NS	NS	NS	NS	0.13 J
beta-BHC	NS	NS	NS	NS	NS	NS	0.0018 U
beta-Chlordane	NS	NS	NS	NS	NS	NS	0.0018 U
bis(2-Chloroethoxy)methane	NS	NS	NS	NS	NS	NS	0.34 U
bis(2-Chloroethyl)ether	NS	NS	NS	NS	NS	NS	0.34 U
bis(2-Chloroisopropyl)ether	NS	NS	NS	NS	NS	NS	0.34 U

**TABLE A-1**  
**Data Summary Table for Soil**

Sample Location: Sample Date: Unit: Start Depth (inches): End Depth (inches):	OCTBN-011 10/26/2011 mg/kg	OCTBN-011 10/26/2011 mg/kg	OCTBN-011 10/26/2011 mg/kg	OCTBN-011 10/26/2011 mg/kg	OCTBN-011 10/26/2011 mg/kg	OCTBN-011 10/26/2011 mg/kg	OCTBN-016 10/27/2011 mg/kg
	12	19	32	44	52	64	24
	17	32	44	52	64	74	32
bis(2-Ethylhexyl)phthalate (b)	NS	NS	NS	NS	NS	NS	0.041
Bromodichloromethane (Dichlorobromomethane)	0.0065 U	0.0051 U	0.016 U	0.0061 U	0.0088 U	0.0071 U	NS
Bromoform (Tribromomethane)	0.0065 U	0.0051 U	0.016 U	0.0061 U	0.0088 U	0.0071 U	NS
Bromomethane (Methyl bromide)	0.0065 UJ	0.0051 UJ	0.016 UJ	0.0061 UJ	0.0088 UJ	0.0071 UJ	NS
Butyl benzyl phthalate (b)	NS	NS	NS	NS	NS	NS	0.34 U
Cadmium	NS	NS	NS	NS	NS	NS	0.25 J
Calcium	NS	NS	NS	NS	NS	NS	62400 J
Caprolactam	NS	NS	NS	NS	NS	NS	0.34 U
Carbazole	NS	NS	NS	NS	NS	NS	0.34 U
Carbon disulfide (a)	0.0065 UB	0.0051 U	0.016 UB	0.0061 U	0.0088 UB	0.0071 UB	NS
Carbon tetrachloride	0.0065 U	0.0051 U	0.016 U	0.0061 U	0.0088 U	0.0071 U	NS
Chlordane (technical)	NS	NS	NS	NS	NS	NS	0.018 U
Chlorobenzene	0.0065 U	0.0051 U	0.016 U	0.0061 U	0.0088 U	0.0071 U	NS
Chlorobromomethane (Bromochloromethane)	0.0065 U	0.0051 U	0.016 U	0.0061 U	0.0088 U	0.0071 U	NS
Chlorodibromomethane (Dibromochloromethane)	0.0065 U	0.0051 U	0.016 U	0.0061 U	0.0088 U	0.0071 U	NS
Chloroethane	0.0065 U	0.0051 U	0.016 U	0.0061 U	0.0088 U	0.0071 U	NS
Chloroform	0.0065 U	0.0051 U	0.016 U	0.0061 U	0.0088 U	0.0071 U	NS
Chloromethane (Methyl chloride)	0.0065 U	0.0051 U	0.016 U	0.0061 U	0.0088 U	0.0071 U	NS
Chromium	NS	NS	NS	NS	NS	NS	12.8 J
Chrysene	NS	NS	NS	NS	NS	NS	0.34 U
cis-1,2-Dichloroethene	0.0065 U	0.0051 U	0.016 U	0.0061 U	0.0088 U	0.0071 U	NS
cis-1,3-Dichloropropene	0.0065 U	0.0051 U	0.016 U	0.0061 U	0.0088 U	0.0071 U	NS
Cobalt	NS	NS	NS	NS	NS	NS	2.7 J
Copper	NS	NS	NS	NS	NS	NS	5.8
Cyanide	NS	NS	NS	NS	NS	NS	NS
delta-BHC	NS	NS	NS	NS	NS	NS	NS
Dibenzo(a,h)anthracene	NS	NS	NS	NS	NS	NS	0.34 U
Dibenzofuran	NS	NS	NS	NS	NS	NS	0.34 U
Dichlorodifluoromethane	0.0065 U	0.0051 U	0.016 U	0.0061 U	0.0088 U	0.0071 U	NS
Dieldrin	NS	NS	NS	NS	NS	NS	0.0043 JN
Diethyl phthalate (b)	NS	NS	NS	NS	NS	NS	0.34 U
Dimethyl phthalate	NS	NS	NS	NS	NS	NS	0.34 U
Di-n-butyl phthalate (b)	NS	NS	NS	NS	NS	NS	0.34 U
Di-n-octyl phthalate	NS	NS	NS	NS	NS	NS	0.34 U
Endosulfan I	NS	NS	NS	NS	NS	NS	0.0018 U
Endosulfan II	NS	NS	NS	NS	NS	NS	0.0035 U
Endosulfan sulfate	NS	NS	NS	NS	NS	NS	0.0035 U
Endrin	NS	NS	NS	NS	NS	NS	0.0035 U
Endrin aldehyde	NS	NS	NS	NS	NS	NS	0.0035 U
Endrin ketone	NS	NS	NS	NS	NS	NS	0.0035 U
Ethylbenzene	0.0065 U	0.0051 U	0.016 U	0.0061 U	0.0088 U	0.0071 U	NS
Fluoranthene	NS	NS	NS	NS	NS	NS	0.014
Fluorene	NS	NS	NS	NS	NS	NS	0.34 U
Freon-113 (1,1,2-trichloro-1,2,2-trifluoroethane)	0.0065 U	0.0051 U	0.016 U	0.0061 U	0.0088 U	0.0071 U	NS



**TABLE A-1**  
**Data Summary Table for Soil**

Sample Location: Sample Date: Unit: Start Depth (inches): End Depth (inches):	OCTBN-011 10/26/2011 mg/kg	OCTBN-011 10/26/2011 mg/kg	OCTBN-011 10/26/2011 mg/kg	OCTBN-011 10/26/2011 mg/kg	OCTBN-011 10/26/2011 mg/kg	OCTBN-011 10/26/2011 mg/kg	OCTBN-016 10/27/2011 mg/kg
	12	19	32	44	52	64	24
	17	32	44	52	64	74	32
gamma-BHC (Lindane)	NS	NS	NS	NS	NS	NS	0.0018 U
gamma-Chlordane	NS	NS	NS	NS	NS	NS	NS
Heptachlor	NS	NS	NS	NS	NS	NS	0.0018 U
Heptachlor Epoxide	NS	NS	NS	NS	NS	NS	0.0031 JN
Hexachlorobenzene	NS	NS	NS	NS	NS	NS	0.34 U
Hexachlorobutadiene	NS	NS	NS	NS	NS	NS	0.34 U
Hexachlorocyclopentadiene	NS	NS	NS	NS	NS	NS	0.34 U
Hexachloroethane	NS	NS	NS	NS	NS	NS	0.34 U
Indeno(1,2,3-cd)pyrene	NS	NS	NS	NS	NS	NS	0.34 U
Iron	NS	NS	NS	NS	NS	NS	8120 J
Isophorone	NS	NS	NS	NS	NS	NS	0.34 U
Isopropylbenzene (Cumene)	0.0065 U	0.0051 U	0.016 UJ	0.0061 U	0.0088 U	0.0071 U	NS
Lead	NS	NS	NS	NS	NS	NS	14.1
Magnesium	NS	NS	NS	NS	NS	NS	19000
Manganese	NS	NS	NS	NS	NS	NS	213 J
Mercury	0.15 J	0.081 J	0.44 J	0.046 UBJ	0.053 UBJ	0.049 UJ	0.045
Methoxychlor	NS	NS	NS	NS	NS	NS	0.018 U
Methyl isobutyl ketone (4-Methyl-2-pentanone)	0.0065 U	0.0051 U	0.016 U	0.0061 U	0.0088 U	0.0071 U	NS
Methyl tertiary butyl ether (MTBE)	0.0065 U	0.0051 U	0.016 U	0.0061 U	0.0088 U	0.0071 U	NS
Methylene chloride (Dichloromethane) (a)	0.0017 J (b)	0.0007 J (b)	0.0035 J (b)	0.0022 J (b)	0.0069 J (b)	0.0016 J (b)	NS
Naphthalene	NS	NS	NS	NS	NS	NS	0.34 U
Nickel	NS	NS	NS	NS	NS	NS	7.8 J
Nitrobenzene	NS	NS	NS	NS	NS	NS	0.34 U
N-Nitrosodi-n-propylamine	NS	NS	NS	NS	NS	NS	0.34 U
N-Nitrosodiphenylamine	NS	NS	NS	NS	NS	NS	0.4 U
OCDD	NS	NS	NS	NS	NS	NS	NS
OCDF	NS	NS	NS	NS	NS	NS	NS
Pentachlorophenol	NS	NS	NS	NS	NS	NS	0.86 U
Phenanthrene	NS	NS	NS	NS	NS	NS	0.34 U
Phenol	NS	NS	NS	NS	NS	NS	0.34 U
Potassium	NS	NS	NS	NS	NS	NS	167 J
Pyrene	NS	NS	NS	NS	NS	NS	0.029
Selenium	NS	NS	NS	NS	NS	NS	0.8 J
Silver	NS	NS	NS	NS	NS	NS	0.8 U
Sodium	NS	NS	NS	NS	NS	NS	70.9 J
Styrene	0.0065 U	0.0051 U	0.016 U	0.0061 U	0.0088 U	0.0071 U	NS
Tetrachloroethene (PCE)	0.0065 U	0.0051 U	0.016 U	0.0061 U	0.0088 U	0.0071 U	NS
Thallium	NS	NS	NS	NS	NS	NS	2 U
Toluene (a)	0.0065 U	0.00018 J (b)	0.00074 J (b)	0.0061 U	0.00041 J (b)	0.0071 U	NS
Toxaphene	NS	NS	NS	NS	NS	NS	0.18 U
trans-1,2-Dichloroethene	0.0065 U	0.0051 U	0.016 U	0.0061 U	0.0088 U	0.0071 U	NS
trans-1,3-Dichloropropene	0.0065 U	0.0051 U	0.016 U	0.0061 U	0.0088 U	0.0071 U	NS
Trichloroethene (TCE)	0.0065 U	0.0051 U	0.016 U	0.0061 U	0.0088 U	0.0071 U	NS
Trichlorofluoromethane	0.0065 U	0.0051 U	0.016 U	0.0061 U	0.0088 U	0.0071 U	NS

TABLE A-1  
Data Summary Table for Soil

Sample Location: Sample Date: Unit: Start Depth (inches): End Depth (inches):	OCTBN-011 10/26/2011 mg/kg	OCTBN-011 10/26/2011 mg/kg	OCTBN-011 10/26/2011 mg/kg	OCTBN-011 10/26/2011 mg/kg	OCTBN-011 10/26/2011 mg/kg	OCTBN-011 10/26/2011 mg/kg	OCTBN-016 10/27/2011 mg/kg
	12	19	32	44	52	64	24
	17	32	44	52	64	74	32
Vanadium	NS	NS	NS	NS	NS	NS	7.8
Vinyl Chloride	0.0065 U	0.0051 U	0.016 U	0.0061 U	0.0088 U	0.0071 U	NS
Xylenes, Total	0.0065 U	0.0051 U	0.016 U	0.0061 U	0.0088 U	0.0071 U	NS
Zinc	NS	NS	NS	NS	NS	NS	33.4 J

Notes:  
(a) Potential laboratory contaminant.  
(b) For potential lab contaminants: The detected value is J / B flagged and the result is less than the reporting limit; the sample is considered a non-detect.

**TABLE A-1**  
**Data Summary Table for Soil**

Sample Location: Sample Date: Unit: Start Depth (inches): End Depth (inches):	OCTBN-016 10/27/2011 pg/g	OCTBN-021 10/26/2011 mg/kg	OCTBN-021 10/26/2011 mg/kg	OCTBN-021 10/26/2011 mg/kg	OCTBN-021 10/26/2011 mg/kg	OCTBN-021 10/26/2011 mg/kg	OCTBN-021 10/26/2011 pg/g
	24	15	25	35	42	50	35
	32	25	35	42	50	65	42
1,1,1-Trichloroethane	NS	0.0054 U	0.0066 U	0.017 U	0.0088 U	0.0051 U	NS
1,1,2,2-Tetrachloroethane	NS	0.0054 U	0.0066 U	0.017 UJ	0.0088 U	0.0051 U	NS
1,1,2-Trichloroethane	NS	0.0054 U	0.0066 U	0.017 U	0.0088 U	0.0051 U	NS
1,1-Dichloroethane	NS	0.0054 U	0.0066 U	0.017 U	0.0088 U	0.0051 U	NS
1,1-Dichloroethene	NS	0.0054 U	0.0066 U	0.017 U	0.0088 U	0.0051 U	NS
1,2,3,4,6,7,8,9-OCDD	NS	NS	NS	NS	NS	NS	NS
1,2,3,4,6,7,8,9-OCDF	NS	NS	NS	NS	NS	NS	NS
1,2,3,4,6,7,8-HpCDD	220	NS	NS	NS	NS	NS	9100
1,2,3,4,6,7,8-HpCDF	24 J	NS	NS	NS	NS	NS	1100
1,2,3,4,7,8,9-HpCDF	26 UX	NS	NS	NS	NS	NS	93 J
1,2,3,4,7,8-HxCDD	26 U	NS	NS	NS	NS	NS	110 UX
1,2,3,4,7,8-HxCDF	1.9 J	NS	NS	NS	NS	NS	120
1,2,3,6,7,8-HxCDD	6 J	NS	NS	NS	NS	NS	260
1,2,3,6,7,8-HxCDF	26 UX	NS	NS	NS	NS	NS	110 UX
1,2,3,7,8,9-HxCDD	26 UX	NS	NS	NS	NS	NS	110 J
1,2,3,7,8,9-HxCDF	26 U	NS	NS	NS	NS	NS	110 U
1,2,3,7,8-PeCDD	26 U	NS	NS	NS	NS	NS	110 UX
1,2,3,7,8-PeCDF	26 U	NS	NS	NS	NS	NS	21 J
1,2,3-Trichlorobenzene	NS	0.0054 UB	0.0066 U	0.017 UJ	0.0088 U	0.0051 UJ	NS
1,2,4,5-Tetrachlorobenzene	NS	NS	NS	2.8 U	NS	NS	NS
1,2,4-Trichlorobenzene	NS	0.0054 U	0.0066 U	0.017 UJ	0.0088 U	0.0051 UJ	NS
1,2-Dibromo-3-Chloropropane	NS	0.0054 U	0.0066 U	0.017 UJ	0.0088 U	0.0051 U	NS
1,2-Dibromoethane (Ethylene dibromide)	NS	0.0054 U	0.0066 U	0.017 U	0.0088 U	0.0051 U	NS
1,2-Dichlorobenzene	NS	0.0054 U	0.0066 U	0.017 UJ	0.0088 U	0.0051 U	NS
1,2-Dichloroethane	NS	0.0054 U	0.0066 U	0.017 U	0.0088 U	0.0051 U	NS
1,2-Dichloroethene (Total)	NS	NS	NS	NS	NS	NS	NS
1,2-Dichloropropane	NS	0.0054 U	0.0066 U	0.017 U	0.0088 U	0.0051 U	NS
1,3-Dichlorobenzene	NS	0.0054 U	0.0066 U	0.017 UJ	0.0088 U	0.0051 U	NS
1,4-Dichlorobenzene	NS	0.0054 U	0.0066 U	0.017 UJ	0.0088 U	0.0051 U	NS
2,3,4,6,7,8-HxCDF	NS	NS	NS	NS	NS	NS	NS
2,3,4,7,8-PeCDF	NS	NS	NS	NS	NS	NS	NS
2,3,7,8-TCDD	2.4 J	NS	NS	NS	NS	NS	260
2,3,7,8-TCDF	5.2 UX	NS	NS	NS	NS	NS	610
2,4,5-Trichlorophenol	NS	NS	NS	7.1 U	NS	NS	NS
2,4,6-Trichlorophenol	NS	NS	NS	2.8 U	NS	NS	NS
2,4-Dichlorophenol	NS	NS	NS	2.8 U	NS	NS	NS
2,4-Dimethylphenol	NS	NS	NS	2.8 U	NS	NS	NS
2,4-Dinitrophenol	NS	NS	NS	7.1 U	NS	NS	NS
2,4-Dinitrotoluene	NS	NS	NS	2.8 U	NS	NS	NS
2,6-Dinitrotoluene	NS	NS	NS	2.8 U	NS	NS	NS
2-Butanone (Methyl ethyl ketone) (a)	NS	0.0054 U	0.0055 J (b)	0.12	0.055	0.0051 U	NS
2-Chloronaphthalene	NS	NS	NS	NS	NS	NS	NS
2-Chlorophenol	NS	NS	NS	2.8 U	NS	NS	NS
2-Hexanone	NS	0.0054 U	0.0066 U	0.017 U	0.0088 U	0.0051 U	NS

**TABLE A-1**  
**Data Summary Table for Soil**

Sample Location: Sample Date: Unit: Start Depth (inches): End Depth (inches):	OCTBN-016 10/27/2011 pg/g	OCTBN-021 10/26/2011 mg/kg	OCTBN-021 10/26/2011 mg/kg	OCTBN-021 10/26/2011 mg/kg	OCTBN-021 10/26/2011 mg/kg	OCTBN-021 10/26/2011 mg/kg	OCTBN-021 10/26/2011 mg/kg
	24	15	25	35	42	50	35
	32	25	35	42	50	65	42
2-Methylnaphthalene	NS	NS	NS	0.19	NS	NS	NS
2-Methylphenol (o-Cresol)	NS	NS	NS	2.8 U	NS	NS	NS
2-Nitroaniline	NS	NS	NS	7.1 U	NS	NS	NS
2-Nitrophenol	NS	NS	NS	2.8 U	NS	NS	NS
3,3'-Dichlorobenzidine	NS	NS	NS	2.8 U	NS	NS	NS
3+4-Methylphenol (m,p-Cresol)	NS	NS	NS	5.7 U	NS	NS	NS
3-Nitroaniline	NS	NS	NS	7.1 U	NS	NS	NS
4,4'-DDD	NS	NS	NS	0.017 J	NS	NS	NS
4,4'-DDE	NS	NS	NS	0.043	NS	NS	NS
4,4'-DDT	NS	NS	NS	0.043 U	NS	NS	NS
4,6-Dinitro-2-Methylphenol	NS	NS	NS	7.1 U	NS	NS	NS
4-Bromophenyl phenyl ether	NS	NS	NS	2.8 U	NS	NS	NS
4-Chloro-3-Methylphenol	NS	NS	NS	2.8 U	NS	NS	NS
4-Chloroaniline	NS	NS	NS	2.8 U	NS	NS	NS
4-Chlorophenyl phenyl ether	NS	NS	NS	2.8 U	NS	NS	NS
4-Methylphenol (p-Cresol)	NS	NS	NS	NS	NS	NS	NS
4-Nitroaniline	NS	NS	NS	7.1 U	NS	NS	NS
4-Nitrophenol	NS	NS	NS	7.1 U	NS	NS	NS
Acenaphthene	NS	NS	NS	2.8 U	NS	NS	NS
Acenaphthylene	NS	NS	NS	2.8 U	NS	NS	NS
Acetone (a)	NS	0.0054 U	0.025	0.38	0.27	0.011 J	NS
Acetophenone	NS	NS	NS	2.8 U	NS	NS	NS
Aldrin	NS	NS	NS	0.022 U	NS	NS	NS
alpha-BHC	NS	NS	NS	0.0035 J	NS	NS	NS
alpha-Chlordane	NS	NS	NS	0.029	NS	NS	NS
Aluminum	NS	NS	NS	18900	NS	NS	NS
Anthracene	NS	NS	NS	2.8 U	NS	NS	NS
Antimony	NS	NS	NS	12.8 U	NS	NS	NS
Arsenic	NS	NS	NS	24.3	NS	NS	NS
Atrazine	NS	NS	NS	2.8 U	NS	NS	NS
Barium	NS	NS	NS	263 J	NS	NS	NS
Benzaldehyde	NS	NS	NS	0.18	NS	NS	NS
Benzene	NS	0.0054 U	0.0066 U	0.017 U	0.0088 U	0.0051 U	NS
Benzo(a)anthracene	NS	NS	NS	2.8 U	NS	NS	NS
Benzo(a)pyrene	NS	NS	NS	2.8 U	NS	NS	NS
Benzo(b)fluoranthene	NS	NS	NS	2.8 U	NS	NS	NS
Benzo(g,h,i)perylene	NS	NS	NS	2.8 U	NS	NS	NS
Benzo(k)fluoranthene	NS	NS	NS	2.8 U	NS	NS	NS
Beryllium	NS	NS	NS	0.73 J	NS	NS	NS
beta-BHC	NS	NS	NS	0.035 JN	NS	NS	NS
beta-Chlordane	NS	NS	NS	0.022 U	NS	NS	NS
bis(2-Chloroethoxy)methane	NS	NS	NS	2.8 U	NS	NS	NS
bis(2-Chloroethyl)ether	NS	NS	NS	2.8 U	NS	NS	NS
bis(2-Chloroisopropyl)ether	NS	NS	NS	2.8 U	NS	NS	NS

**TABLE A-1**  
**Data Summary Table for Soil**

Sample Location: Sample Date: Unit: Start Depth (inches): End Depth (inches):	OCTBN-016 10/27/2011 pg/g	OCTBN-021 10/26/2011 mg/kg	OCTBN-021 10/26/2011 mg/kg	OCTBN-021 10/26/2011 mg/kg	OCTBN-021 10/26/2011 mg/kg	OCTBN-021 10/26/2011 mg/kg	OCTBN-021 10/26/2011 mg/kg
	24	15	25	35	42	50	35
	32	25	35	42	50	65	42
bis(2-Ethylhexyl)phthalate (b)	NS	NS	NS	2.3	NS	NS	NS
Bromodichloromethane (Dichlorobromomethane)	NS	0.0054 U	0.0066 U	0.017 U	0.0088 U	0.0051 U	NS
Bromoform (Tribromomethane)	NS	0.0054 U	0.0066 U	0.017 U	0.0088 U	0.0051 U	NS
Bromomethane (Methyl bromide)	NS	0.0054 UJ	0.0066 UJ	0.017 UJ	0.0088 UJ	0.0051 UJ	NS
Butyl benzyl phthalate (b)	NS	NS	NS	2.8 U	NS	NS	NS
Cadmium	NS	NS	NS	8.1	NS	NS	NS
Calcium	NS	NS	NS	36100 J	NS	NS	NS
Caprolactam	NS	NS	NS	2.8 U	NS	NS	NS
Carbazole	NS	NS	NS	2.8 U	NS	NS	NS
Carbon disulfide (a)	NS	0.0054 U	0.0016 J (b)	0.0086 J (b)	0.0088 U	0.0051 UJ	NS
Carbon tetrachloride	NS	0.0054 U	0.0066 U	0.017 U	0.0088 U	0.0051 U	NS
Chlordane (technical)	NS	NS	NS	0.22 U	NS	NS	NS
Chlorobenzene	NS	0.0054 U	0.0066 U	0.017 U	0.0088 U	0.0051 U	NS
Chlorobromomethane (Bromochloromethane)	NS	0.0054 U	0.0066 U	0.017 U	0.0088 U	0.0051 U	NS
Chlorodibromomethane (Dibromochloromethane)	NS	0.0054 U	0.0066 U	0.017 U	0.0088 U	0.0051 U	NS
Chloroethane	NS	0.0054 U	0.0066 U	0.017 U	0.0088 U	0.0051 U	NS
Chloroform	NS	0.0054 U	0.0066 U	0.017 U	0.0088 U	0.0051 U	NS
Chloromethane (Methyl chloride)	NS	0.0054 U	0.0066 U	0.017 U	0.0088 U	0.0051 U	NS
Chromium	NS	NS	NS	246 J	NS	NS	NS
Chrysene	NS	NS	NS	0.22	NS	NS	NS
cis-1,2-Dichloroethene	NS	0.0054 U	0.0066 U	0.017 U	0.0088 U	0.0051 U	NS
cis-1,3-Dichloropropene	NS	0.0054 U	0.0066 U	0.017 U	0.0088 U	0.0051 U	NS
Cobalt	NS	NS	NS	8.8 J	NS	NS	NS
Copper	NS	NS	NS	258	NS	NS	NS
Cyanide	NS	NS	NS	NS	NS	NS	NS
delta-BHC	NS	NS	NS	NS	NS	NS	NS
Dibenzo(a,h)anthracene	NS	NS	NS	2.8 U	NS	NS	NS
Dibenzofuran	NS	NS	NS	2.8 U	NS	NS	NS
Dichlorodifluoromethane	NS	0.0054 U	0.0066 U	0.017 U	0.0088 U	0.0051 U	NS
Dieldrin	NS	NS	NS	0.074 JN	NS	NS	NS
Diethyl phthalate (b)	NS	NS	NS	2.8 U	NS	NS	NS
Dimethyl phthalate	NS	NS	NS	2.8 U	NS	NS	NS
Di-n-butyl phthalate (b)	NS	NS	NS	2.9	NS	NS	NS
Di-n-octyl phthalate	NS	NS	NS	2.8 U	NS	NS	NS
Endosulfan I	NS	NS	NS	0.022 U	NS	NS	NS
Endosulfan II	NS	NS	NS	0.043 U	NS	NS	NS
Endosulfan sulfate	NS	NS	NS	0.043 U	NS	NS	NS
Endrin	NS	NS	NS	0.028 J	NS	NS	NS
Endrin aldehyde	NS	NS	NS	0.043 U	NS	NS	NS
Endrin ketone	NS	NS	NS	0.043 U	NS	NS	NS
Ethylbenzene	NS	0.0054 U	0.0066 U	0.017 U	0.0088 U	0.0051 U	NS
Fluoranthene	NS	NS	NS	0.22	NS	NS	NS
Fluorene	NS	NS	NS	2.8 U	NS	NS	NS
Freon-113 (1,1,2-trichloro-1,2,2-trifluoroethane)	NS	0.0054 U	0.0066 U	0.017 U	0.0088 U	0.0051 U	NS

**TABLE A-1**  
**Data Summary Table for Soil**

Sample Location: Sample Date: Unit: Start Depth (inches): End Depth (inches):	OCTBN-016 10/27/2011 pg/g	OCTBN-021 10/26/2011 mg/kg	OCTBN-021 10/26/2011 mg/kg	OCTBN-021 10/26/2011 mg/kg	OCTBN-021 10/26/2011 mg/kg	OCTBN-021 10/26/2011 mg/kg	OCTBN-021 10/26/2011 pg/g
	24	15	25	35	42	50	35
	32	25	35	42	50	65	42
gamma-BHC (Lindane)	NS	NS	NS	0.049 JN	NS	NS	NS
gamma-Chlordane	NS	NS	NS	NS	NS	NS	NS
Heptachlor	NS	NS	NS	0.066 JN	NS	NS	NS
Heptachlor Epoxide	NS	NS	NS	0.062 JN	NS	NS	NS
Hexachlorobenzene	NS	NS	NS	2.8 U	NS	NS	NS
Hexachlorobutadiene	NS	NS	NS	2.8 U	NS	NS	NS
Hexachlorocyclopentadiene	NS	NS	NS	2.8 U	NS	NS	NS
Hexachloroethane	NS	NS	NS	2.8 U	NS	NS	NS
Indeno(1,2,3-cd)pyrene	NS	NS	NS	2.8 U	NS	NS	NS
Iron	NS	NS	NS	21200 J	NS	NS	NS
Isophorone	NS	NS	NS	2.8 U	NS	NS	NS
Isopropylbenzene (Cumene)	NS	0.0054 U	0.0066 U	0.017 UJ	0.0088 U	0.0051 U	NS
Lead	NS	NS	NS	527	NS	NS	NS
Magnesium	NS	NS	NS	13100	NS	NS	NS
Manganese	NS	NS	NS	381 J	NS	NS	NS
Mercury	NS	0.042	0.17	3	0.068	0.036 U	NS
Methoxychlor	NS	NS	NS	0.22 U	NS	NS	NS
Methyl isobutyl ketone (4-Methyl-2-pentanone)	NS	0.0054 U	0.0066 U	0.017 U	0.0088 U	0.0051 U	NS
Methyl tertiary butyl ether (MTBE)	NS	0.0054 U	0.0066 U	0.017 U	0.0088 U	0.0051 U	NS
Methylene chloride (Dichloromethane) (a)	NS	0.0054 U	0.0066 U	0.017 U	0.0088 U	0.0051 U	NS
Naphthalene	NS	NS	NS	2.8 U	NS	NS	NS
Nickel	NS	NS	NS	49.6 J	NS	NS	NS
Nitrobenzene	NS	NS	NS	2.8 U	NS	NS	NS
N-Nitrosodi-n-propylamine	NS	NS	NS	2.8 U	NS	NS	NS
N-Nitrosodiphenylamine	NS	NS	NS	3.3 U	NS	NS	NS
OCDD	2500	NS	NS	NS	NS	NS	160000 EJ
OCDF	46 J	NS	NS	NS	NS	NS	2000
Pentachlorophenol	NS	NS	NS	7.1 U	NS	NS	NS
Phenanthrene	NS	NS	NS	0.2	NS	NS	NS
Phenol	NS	NS	NS	2.8 U	NS	NS	NS
Potassium	NS	NS	NS	717 J	NS	NS	NS
Pyrene	NS	NS	NS	0.34	NS	NS	NS
Selenium	NS	NS	NS	2.3 J	NS	NS	NS
Silver	NS	NS	NS	2.8	NS	NS	NS
Sodium	NS	NS	NS	267 J	NS	NS	NS
Styrene	NS	0.0054 U	0.0066 U	0.017 U	0.0088 U	0.0051 U	NS
Tetrachloroethene (PCE)	NS	0.0054 U	0.0066 U	0.017 U	0.0088 U	0.0051 U	NS
Thallium	NS	NS	NS	5.3 U	NS	NS	NS
Toluene (a)	NS	0.00028 J (b)	0.00016 J (b)	0.00059 J (b)	0.0088 U	0.0051 U	NS
Toxaphene	NS	NS	NS	2.2 U	NS	NS	NS
trans-1,2-Dichloroethene	NS	0.0054 U	0.0066 U	0.017 U	0.0088 U	0.0051 U	NS
trans-1,3-Dichloropropene	NS	0.0054 U	0.0066 U	0.017 U	0.0088 U	0.0051 U	NS
Trichloroethene (TCE)	NS	0.0054 U	0.0066 U	0.017 U	0.0088 U	0.0051 U	NS
Trichlorofluoromethane	NS	0.0054 U	0.0066 U	0.017 U	0.0088 U	0.0051 U	NS

TABLE A-1  
Data Summary Table for Soil

Sample Location: Sample Date: Unit: Start Depth (inches): End Depth (inches):	OCTBN-016 10/27/2011 pg/g	OCTBN-021 10/26/2011 mg/kg	OCTBN-021 10/26/2011 mg/kg	OCTBN-021 10/26/2011 mg/kg	OCTBN-021 10/26/2011 mg/kg	OCTBN-021 10/26/2011 mg/kg	OCTBN-021 10/26/2011 pg/g
	24	15	25	35	42	50	35
	32	25	35	42	50	65	42
Vanadium	NS	NS	NS	31.1	NS	NS	NS
Vinyl Chloride	NS	0.0054 U	0.0066 U	0.017 U	0.0088 U	0.0051 U	NS
Xylenes, Total	NS	0.0054 U	0.0066 U	0.017 U	0.0088 U	0.0051 U	NS
Zinc	NS	NS	NS	819 J	NS	NS	NS

Notes:  
(a) Potential laboratory contaminant.  
(b) For potential lab contaminants: The detected value is  
J / B flagged and the result is less than the reporting  
limit; the sample is considered a non-detect.

**TABLE A-1**  
**Data Summary Table for Soil**

Sample Location: Sample Date: Unit: Start Depth (inches): End Depth (inches):	OCTBN-031 10/26/2011 mg/kg	OCTBN-031 10/26/2011 mg/kg	OCTBN-031 10/26/2011 mg/kg	OCTBN-031 10/26/2011 mg/kg	OCTBN-031 10/26/2011 mg/kg	OCTBN-031 10/26/2011 mg/kg	OCTBS-007 10/21/2011 mg/kg
	15	30	40	48	58	68	12
	30	40	48	58	68	83	22
1,1,1-Trichloroethane	0.0051 U	0.0083 U	0.014 U	0.015 U	0.015 U	0.008 UJ	0.0052 U
1,1,2,2-Tetrachloroethane	0.0051 U	0.0083 UJ	0.014 UJ	0.015 UJ	0.015 UJ	0.008 UJ	0.0052 U
1,1,2-Trichloroethane	0.0051 U	0.0083 U	0.014 U	0.015 U	0.015 U	0.008 UJ	0.0052 U
1,1-Dichloroethane	0.0051 U	0.0083 U	0.014 U	0.015 U	0.015 U	0.008 UJ	0.0052 U
1,1-Dichloroethene	0.0051 U	0.0083 U	0.014 U	0.015 U	0.015 U	0.008 UJ	0.0052 U
1,2,3,4,6,7,8,9-OCDD	NS	NS	NS	NS	NS	NS	NS
1,2,3,4,6,7,8,9-OCDF	NS	NS	NS	NS	NS	NS	NS
1,2,3,4,6,7,8-HpCDD	NS	NS	NS	NS	NS	NS	NS
1,2,3,4,6,7,8-HpCDF	NS	NS	NS	NS	NS	NS	NS
1,2,3,4,7,8,9-HpCDF	NS	NS	NS	NS	NS	NS	NS
1,2,3,4,7,8-HxCDD	NS	NS	NS	NS	NS	NS	NS
1,2,3,4,7,8-HxCDF	NS	NS	NS	NS	NS	NS	NS
1,2,3,6,7,8-HxCDD	NS	NS	NS	NS	NS	NS	NS
1,2,3,6,7,8-HxCDF	NS	NS	NS	NS	NS	NS	NS
1,2,3,7,8,9-HxCDD	NS	NS	NS	NS	NS	NS	NS
1,2,3,7,8,9-HxCDF	NS	NS	NS	NS	NS	NS	NS
1,2,3,7,8-PeCDD	NS	NS	NS	NS	NS	NS	NS
1,2,3,7,8-PeCDF	NS	NS	NS	NS	NS	NS	NS
1,2,3-Trichlorobenzene	0.0051 UB	0.0083 UJ	0.014 UJ	0.015 UJ	0.015 UJ	0.008 UJ	0.0052 U
1,2,4,5-Tetrachlorobenzene	NS	NS	NS	NS	NS	NS	NS
1,2,4-Trichlorobenzene	0.0051 UB	0.0083 UJ	0.014 UJ	0.015 UJ	0.015 UJ	0.008 UJ	0.0052 U
1,2-Dibromo-3-Chloropropane	0.0051 U	0.0083 UJ	0.014 UJ	0.015 UJ	0.015 UJ	0.008 UJ	0.0052 U
1,2-Dibromoethane (Ethylene dibromide)	0.0051 U	0.0083 U	0.014 U	0.015 U	0.015 U	0.008 UJ	0.0052 U
1,2-Dichlorobenzene	0.0051 U	0.0083 UJ	0.014 UJ	0.015 UJ	0.015 UJ	0.008 UJ	0.0052 U
1,2-Dichloroethane	0.0051 U	0.0083 U	0.014 U	0.015 U	0.015 U	0.008 UJ	0.0052 U
1,2-Dichloroethene (Total)	NS	NS	NS	NS	NS	NS	NS
1,2-Dichloropropane	0.0051 U	0.0083 U	0.014 U	0.015 U	0.015 U	0.008 UJ	0.0052 U
1,3-Dichlorobenzene	0.0051 U	0.0083 UJ	0.014 UJ	0.015 UJ	0.015 UJ	0.008 UJ	0.0052 U
1,4-Dichlorobenzene	0.0051 U	0.0083 UJ	0.014 UJ	0.015 UJ	0.015 UJ	0.008 UJ	0.0052 U
2,3,4,6,7,8-HxCDF	NS	NS	NS	NS	NS	NS	NS
2,3,4,7,8-PeCDF	NS	NS	NS	NS	NS	NS	NS
2,3,7,8-TCDD	NS	NS	NS	NS	NS	NS	NS
2,3,7,8-TCDF	NS	NS	NS	NS	NS	NS	NS
2,4,5-Trichlorophenol	NS	NS	NS	NS	NS	NS	NS
2,4,6-Trichlorophenol	NS	NS	NS	NS	NS	NS	NS
2,4-Dichlorophenol	NS	NS	NS	NS	NS	NS	NS
2,4-Dimethylphenol	NS	NS	NS	NS	NS	NS	NS
2,4-Dinitrophenol	NS	NS	NS	NS	NS	NS	NS
2,4-Dinitrotoluene	NS	NS	NS	NS	NS	NS	NS
2,6-Dinitrotoluene	NS	NS	NS	NS	NS	NS	NS
2-Butanone (Methyl ethyl ketone) (a)	0.0051 U	0.09 J	0.18 J	0.23 J	0.24	0.028 J	0.0052 U
2-Chloronaphthalene	NS	NS	NS	NS	NS	NS	NS
2-Chlorophenol	NS	NS	NS	NS	NS	NS	NS
2-Hexanone	0.0051 U	0.0083 U	0.014 U	0.015 U	0.015 U	0.008 UJ	0.0052 U



**TABLE A-1**  
**Data Summary Table for Soil**

Sample Location: Sample Date: Unit: Start Depth (inches): End Depth (inches):	OCTBN-031 10/26/2011 mg/kg	OCTBN-031 10/26/2011 mg/kg	OCTBN-031 10/26/2011 mg/kg	OCTBN-031 10/26/2011 mg/kg	OCTBN-031 10/26/2011 mg/kg	OCTBN-031 10/26/2011 mg/kg	OCTBS-007 10/21/2011 mg/kg
	15	30	40	48	58	68	12
	30	40	48	58	68	83	22
2-Methylnaphthalene	NS	NS	NS	NS	NS	NS	NS
2-Methylphenol (o-Cresol)	NS	NS	NS	NS	NS	NS	NS
2-Nitroaniline	NS	NS	NS	NS	NS	NS	NS
2-Nitrophenol	NS	NS	NS	NS	NS	NS	NS
3,3'-Dichlorobenzidine	NS	NS	NS	NS	NS	NS	NS
3+4-Methylphenol (m,p-Cresol)	NS	NS	NS	NS	NS	NS	NS
3-Nitroaniline	NS	NS	NS	NS	NS	NS	NS
4,4'-DDD	NS	NS	NS	NS	NS	NS	NS
4,4'-DDE	NS	NS	NS	NS	NS	NS	NS
4,4'-DDT	NS	NS	NS	NS	NS	NS	NS
4,6-Dinitro-2-Methylphenol	NS	NS	NS	NS	NS	NS	NS
4-Bromophenyl phenyl ether	NS	NS	NS	NS	NS	NS	NS
4-Chloro-3-Methylphenol	NS	NS	NS	NS	NS	NS	NS
4-Chloroaniline	NS	NS	NS	NS	NS	NS	NS
4-Chlorophenyl phenyl ether	NS	NS	NS	NS	NS	NS	NS
4-Methylphenol (p-Cresol)	NS	NS	NS	NS	NS	NS	NS
4-Nitroaniline	NS	NS	NS	NS	NS	NS	NS
4-Nitrophenol	NS	NS	NS	NS	NS	NS	NS
Acenaphthene	NS	NS	NS	NS	NS	NS	NS
Acenaphthylene	NS	NS	NS	NS	NS	NS	NS
Acetone (a)	0.009	0.32 J	0.57 J	0.81 J	0.85	0.11 J	0.015
Acetophenone	NS	NS	NS	NS	NS	NS	NS
Aldrin	NS	NS	NS	NS	NS	NS	NS
alpha-BHC	NS	NS	NS	NS	NS	NS	NS
alpha-Chlordane	NS	NS	NS	NS	NS	NS	NS
Aluminum	NS	NS	NS	NS	NS	NS	NS
Anthracene	NS	NS	NS	NS	NS	NS	NS
Antimony	NS	NS	NS	NS	NS	NS	NS
Arsenic	NS	NS	NS	NS	NS	NS	NS
Atrazine	NS	NS	NS	NS	NS	NS	NS
Barium	NS	NS	NS	NS	NS	NS	NS
Benzaldehyde	NS	NS	NS	NS	NS	NS	NS
Benzene	0.0051 U	0.0083 U	0.014 U	0.015 U	0.015 U	0.008 UJ	0.0052 U
Benzo(a)anthracene	NS	NS	NS	NS	NS	NS	NS
Benzo(a)pyrene	NS	NS	NS	NS	NS	NS	NS
Benzo(b)fluoranthene	NS	NS	NS	NS	NS	NS	NS
Benzo(g,h,i)perylene	NS	NS	NS	NS	NS	NS	NS
Benzo(k)fluoranthene	NS	NS	NS	NS	NS	NS	NS
Beryllium	NS	NS	NS	NS	NS	NS	NS
beta-BHC	NS	NS	NS	NS	NS	NS	NS
beta-Chlordane	NS	NS	NS	NS	NS	NS	NS
bis(2-Chloroethoxy)methane	NS	NS	NS	NS	NS	NS	NS
bis(2-Chloroethyl)ether	NS	NS	NS	NS	NS	NS	NS
bis(2-Chloroisopropyl)ether	NS	NS	NS	NS	NS	NS	NS

**TABLE A-1**  
**Data Summary Table for Soil**

Sample Location: Sample Date: Unit: Start Depth (inches): End Depth (inches):	OCTBN-031 10/26/2011 mg/kg 15 30	OCTBN-031 10/26/2011 mg/kg 30 40	OCTBN-031 10/26/2011 mg/kg 40 48	OCTBN-031 10/26/2011 mg/kg 48 58	OCTBN-031 10/26/2011 mg/kg 58 68	OCTBN-031 10/26/2011 mg/kg 68 83	OCTBS-007 10/21/2011 mg/kg 12 22
bis(2-Ethylhexyl)phthalate (b)	NS	NS	NS	NS	NS	NS	NS
Bromodichloromethane (Dichlorobromomethane)	0.0051 U	0.0083 U	0.014 U	0.015 U	0.015 U	0.008 UJ	0.0052 U
Bromoform (Tribromomethane)	0.0051 U	0.0083 U	0.014 U	0.015 U	0.015 U	0.008 UJ	0.0052 U
Bromomethane (Methyl bromide)	0.0051 UJ	0.0083 UJ	0.014 UJ	0.015 UJ	0.015 UJ	0.008 UJ	0.0052 U
Butyl benzyl phthalate (b)	NS	NS	NS	NS	NS	NS	NS
Cadmium	NS	NS	NS	NS	NS	NS	NS
Calcium	NS	NS	NS	NS	NS	NS	NS
Caprolactam	NS	NS	NS	NS	NS	NS	NS
Carbazole	NS	NS	NS	NS	NS	NS	NS
Carbon disulfide (a)	0.0051 U	0.0032 J (b)	0.007 J (b)	0.01 J (b)	0.011 J (b)	0.0023 J (b)	0.0052 U
Carbon tetrachloride	0.0051 U	0.0083 U	0.014 U	0.015 U	0.015 U	0.008 UJ	0.0052 U
Chlordane (technical)	NS	NS	NS	NS	NS	NS	NS
Chlorobenzene	0.0051 U	0.0083 U	0.014 U	0.015 U	0.015 U	0.008 UJ	0.0052 U
Chlorobromomethane (Bromochloromethane)	0.0051 U	0.0083 U	0.014 U	0.015 U	0.015 U	0.008 UJ	0.0052 U
Chlorodibromomethane (Dibromochloromethane)	0.0051 U	0.0083 U	0.014 U	0.015 U	0.015 U	0.008 UJ	0.0052 U
Chloroethane	0.0051 U	0.0083 U	0.014 U	0.015 U	0.015 U	0.008 UJ	0.0052 U
Chloroform	0.0051 U	0.0083 U	0.014 U	0.015 U	0.015 U	0.008 UJ	0.0052 U
Chloromethane (Methyl chloride)	0.0051 U	0.0083 U	0.014 U	0.015 U	0.015 U	0.008 UJ	0.0052 U
Chromium	NS	NS	NS	NS	NS	NS	NS
Chrysene	NS	NS	NS	NS	NS	NS	NS
cis-1,2-Dichloroethene	0.0051 U	0.0083 U	0.014 U	0.015 U	0.015 U	0.008 UJ	0.0052 U
cis-1,3-Dichloropropene	0.0051 U	0.0083 U	0.014 U	0.015 U	0.015 U	0.008 UJ	0.0052 U
Cobalt	NS	NS	NS	NS	NS	NS	NS
Copper	NS	NS	NS	NS	NS	NS	NS
Cyanide	NS	NS	NS	NS	NS	NS	NS
delta-BHC	NS	NS	NS	NS	NS	NS	NS
Dibenzo(a,h)anthracene	NS	NS	NS	NS	NS	NS	NS
Dibenzofuran	NS	NS	NS	NS	NS	NS	NS
Dichlorodifluoromethane	0.0051 U	0.0083 U	0.014 U	0.015 U	0.015 U	0.008 UJ	0.0052 U
Dieldrin	NS	NS	NS	NS	NS	NS	NS
Diethyl phthalate (b)	NS	NS	NS	NS	NS	NS	NS
Dimethyl phthalate	NS	NS	NS	NS	NS	NS	NS
Di-n-butyl phthalate (b)	NS	NS	NS	NS	NS	NS	NS
Di-n-octyl phthalate	NS	NS	NS	NS	NS	NS	NS
Endosulfan I	NS	NS	NS	NS	NS	NS	NS
Endosulfan II	NS	NS	NS	NS	NS	NS	NS
Endosulfan sulfate	NS	NS	NS	NS	NS	NS	NS
Endrin	NS	NS	NS	NS	NS	NS	NS
Endrin aldehyde	NS	NS	NS	NS	NS	NS	NS
Endrin ketone	NS	NS	NS	NS	NS	NS	NS
Ethylbenzene	0.0051 U	0.0083 U	0.014 U	0.015 U	0.015 U	0.008 UJ	0.0052 U
Fluoranthene	NS	NS	NS	NS	NS	NS	NS
Fluorene	NS	NS	NS	NS	NS	NS	NS
Freon-113 (1,1,2-trichloro-1,2,2-trifluoroethane)	0.0051 U	0.0083 U	0.014 U	0.015 U	0.015 U	0.008 UJ	0.0052 U

**TABLE A-1**  
**Data Summary Table for Soil**

Sample Location: Sample Date: Unit: Start Depth (inches): End Depth (inches):	OCTBN-031 10/26/2011 mg/kg	OCTBN-031 10/26/2011 mg/kg	OCTBN-031 10/26/2011 mg/kg	OCTBN-031 10/26/2011 mg/kg	OCTBN-031 10/26/2011 mg/kg	OCTBN-031 10/26/2011 mg/kg	OCTBS-007 10/21/2011 mg/kg
	15	30	40	48	58	68	12
	30	40	48	58	68	83	22
gamma-BHC (Lindane)	NS	NS	NS	NS	NS	NS	NS
gamma-Chlordane	NS	NS	NS	NS	NS	NS	NS
Heptachlor	NS	NS	NS	NS	NS	NS	NS
Heptachlor Epoxide	NS	NS	NS	NS	NS	NS	NS
Hexachlorobenzene	NS	NS	NS	NS	NS	NS	NS
Hexachlorobutadiene	NS	NS	NS	NS	NS	NS	NS
Hexachlorocyclopentadiene	NS	NS	NS	NS	NS	NS	NS
Hexachloroethane	NS	NS	NS	NS	NS	NS	NS
Indeno(1,2,3-cd)pyrene	NS	NS	NS	NS	NS	NS	NS
Iron	NS	NS	NS	NS	NS	NS	NS
Isophorone	NS	NS	NS	NS	NS	NS	NS
Isopropylbenzene (Cumene)	0.0051 U	0.0083 UJ	0.014 UJ	0.015 UJ	0.015 UJ	0.008 UJ	0.0052 U
Lead	NS	NS	NS	NS	NS	NS	NS
Magnesium	NS	NS	NS	NS	NS	NS	NS
Manganese	NS	NS	NS	NS	NS	NS	NS
Mercury	0.14	0.84	4	3.6	2.9	0.77	0.031 U
Methoxychlor	NS	NS	NS	NS	NS	NS	NS
Methyl isobutyl ketone (4-Methyl-2-pentanone)	0.0051 U	0.0083 U	0.014 U	0.015 U	0.015 U	0.008 UJ	0.0052 U
Methyl tertiary butyl ether (MTBE)	0.0051 U	0.0083 U	0.014 U	0.015 U	0.015 U	0.008 UJ	0.0052 U
Methylene chloride (Dichloromethane) (a)	0.002 J (b)	0.0083 U	0.0021 J (b)	0.0063 J (b)	0.0037 J (b)	0.0024 J (b)	0.0052 UB
Naphthalene	NS	NS	NS	NS	NS	NS	NS
Nickel	NS	NS	NS	NS	NS	NS	NS
Nitrobenzene	NS	NS	NS	NS	NS	NS	NS
N-Nitrosodi-n-propylamine	NS	NS	NS	NS	NS	NS	NS
N-Nitrosodiphenylamine	NS	NS	NS	NS	NS	NS	NS
OCDD	NS	NS	NS	NS	NS	NS	NS
OCDF	NS	NS	NS	NS	NS	NS	NS
Pentachlorophenol	NS	NS	NS	NS	NS	NS	NS
Phenanthrene	NS	NS	NS	NS	NS	NS	NS
Phenol	NS	NS	NS	NS	NS	NS	NS
Potassium	NS	NS	NS	NS	NS	NS	NS
Pyrene	NS	NS	NS	NS	NS	NS	NS
Selenium	NS	NS	NS	NS	NS	NS	NS
Silver	NS	NS	NS	NS	NS	NS	NS
Sodium	NS	NS	NS	NS	NS	NS	NS
Styrene	0.0051 U	0.0083 U	0.014 U	0.015 U	0.015 U	0.008 UJ	0.0052 U
Tetrachloroethene (PCE)	0.0051 U	0.0083 U	0.014 U	0.015 U	0.015 U	0.008 UJ	0.0052 U
Thallium	NS	NS	NS	NS	NS	NS	NS
Toluene (a)	0.00012 J (b)	0.00034 J (b)	0.0013 J (b)	0.0012 J (b)	0.0011 J (b)	0.008 UJ	0.00047 J (b)
Toxaphene	NS	NS	NS	NS	NS	NS	NS
trans-1,2-Dichloroethene	0.0051 U	0.0083 U	0.014 U	0.015 U	0.015 U	0.008 UJ	0.0052 U
trans-1,3-Dichloropropene	0.0051 U	0.0083 U	0.014 U	0.015 U	0.015 U	0.008 UJ	0.0052 U
Trichloroethene (TCE)	0.0051 U	0.0083 U	0.014 U	0.015 U	0.015 U	0.008 UJ	0.0052 U
Trichlorofluoromethane	0.0051 U	0.0083 U	0.014 U	0.015 U	0.015 U	0.008 UJ	0.0052 U

TABLE A-1  
Data Summary Table for Soil

Sample Location: Sample Date: Unit: Start Depth (inches): End Depth (inches):	OCTBN-031 10/26/2011 mg/kg	OCTBN-031 10/26/2011 mg/kg	OCTBN-031 10/26/2011 mg/kg	OCTBN-031 10/26/2011 mg/kg	OCTBN-031 10/26/2011 mg/kg	OCTBN-031 10/26/2011 mg/kg	OCTBS-007 10/21/2011 mg/kg
	15	30	40	48	58	68	12
	30	40	48	58	68	83	22
Vanadium	NS	NS	NS	NS	NS	NS	NS
Vinyl Chloride	0.0051 U	0.0083 U	0.014 U	0.015 U	0.015 U	0.008 UJ	0.0052 U
Xylenes, Total	0.0051 U	0.0083 U	0.014 U	0.015 U	0.0042 J	0.008 UJ	0.0015 J
Zinc	NS	NS	NS	NS	NS	NS	NS

Notes:  
(a) Potential laboratory contaminant.  
(b) For potential lab contaminants: The detected value is  
J / B flagged and the result is less than the reporting  
limit; the sample is considered a non-detect.

**TABLE A-1**  
**Data Summary Table for Soil**

Sample Location: Sample Date: Unit: Start Depth (inches): End Depth (inches):	OCTBS-007 10/21/2011 mg/kg 25 36	OCTBS-007 10/21/2011 mg/kg 36 45	OCTBS-007 10/21/2011 mg/kg 45 53	OCTBS-007 10/21/2011 mg/kg 53 66	OCTBS-007 10/21/2011 mg/kg 66 80	OCTBS-007 10/21/2011 pg/g 53 66	OCTBS-017 10/26/2011 mg/kg 14 24
1,1,1-Trichloroethane	0.0057 U	0.0048 U	0.0052 U	0.0052 U	0.0049 U	NS	0.0055 U
1,1,2,2-Tetrachloroethane	0.0057 U	0.0048 U	0.0052 U	0.0052 U	0.0049 U	NS	0.0055 U
1,1,2-Trichloroethane	0.0057 U	0.0048 U	0.0052 U	0.0052 U	0.0049 U	NS	0.0055 U
1,1-Dichloroethane	0.0057 U	0.0048 U	0.0052 U	0.0052 U	0.0049 U	NS	0.0055 U
1,1-Dichloroethene	0.0057 U	0.0048 U	0.0052 U	0.0052 U	0.0049 U	NS	0.0055 U
1,2,3,4,6,7,8,9-OCDD	NS	NS	NS	NS	NS	NS	NS
1,2,3,4,6,7,8,9-OCDF	NS	NS	NS	NS	NS	NS	NS
1,2,3,4,6,7,8-HpCDD	NS	NS	NS	NS	NS	210	NS
1,2,3,4,6,7,8-HpCDF	NS	NS	NS	NS	NS	21 J	NS
1,2,3,4,7,8,9-HpCDF	NS	NS	NS	NS	NS	56 U	NS
1,2,3,4,7,8-HxCDD	NS	NS	NS	NS	NS	56 U	NS
1,2,3,4,7,8-HxCDF	NS	NS	NS	NS	NS	56 UX	NS
1,2,3,6,7,8-HxCDD	NS	NS	NS	NS	NS	4.6 J	NS
1,2,3,6,7,8-HxCDF	NS	NS	NS	NS	NS	56 UX	NS
1,2,3,7,8,9-HxCDD	NS	NS	NS	NS	NS	56 UX	NS
1,2,3,7,8,9-HxCDF	NS	NS	NS	NS	NS	56 U	NS
1,2,3,7,8-PeCDD	NS	NS	NS	NS	NS	56 U	NS
1,2,3,7,8-PeCDF	NS	NS	NS	NS	NS	56 U	NS
1,2,3-Trichlorobenzene	0.0057 U	0.0048 U	0.0052 U	0.0052 U	0.0049 U	NS	0.0055 UJ
1,2,4,5-Tetrachlorobenzene	NS	NS	NS	0.37 U	NS	NS	NS
1,2,4-Trichlorobenzene	0.0057 U	0.0048 U	0.0052 U	0.0052 U	0.0049 U	NS	0.0055 UJ
1,2-Dibromo-3-Chloropropane	0.0057 U	0.0048 U	0.0052 U	0.0052 U	0.0049 U	NS	0.0055 UJ
1,2-Dibromoethane (Ethylene dibromide)	0.0057 U	0.0048 U	0.0052 U	0.0052 U	0.0049 U	NS	0.0055 U
1,2-Dichlorobenzene	0.0057 U	0.0048 U	0.0052 U	0.0052 U	0.0049 U	NS	0.0055 U
1,2-Dichloroethane	0.0057 U	0.0048 U	0.0052 U	0.0052 U	0.0049 U	NS	0.0055 U
1,2-Dichloroethene (Total)	NS	NS	NS	NS	NS	NS	NS
1,2-Dichloropropane	0.0057 U	0.0048 U	0.0052 U	0.0052 U	0.0049 U	NS	0.0055 U
1,3-Dichlorobenzene	0.0057 U	0.0048 U	0.0052 U	0.0052 U	0.0049 U	NS	0.0055 U
1,4-Dichlorobenzene	0.0057 U	0.0048 U	0.0052 U	0.0052 U	0.0049 U	NS	0.0055 U
2,3,4,6,7,8-HxCDF	NS	NS	NS	NS	NS	NS	NS
2,3,4,7,8-PeCDF	NS	NS	NS	NS	NS	NS	NS
2,3,7,8-TCDD	NS	NS	NS	NS	NS	11 UX	NS
2,3,7,8-TCDF	NS	NS	NS	NS	NS	14	NS
2,4,5-Trichlorophenol	NS	NS	NS	0.94 U	NS	NS	NS
2,4,6-Trichlorophenol	NS	NS	NS	0.37 U	NS	NS	NS
2,4-Dichlorophenol	NS	NS	NS	0.37 U	NS	NS	NS
2,4-Dimethylphenol	NS	NS	NS	0.37 U	NS	NS	NS
2,4-Dinitrophenol	NS	NS	NS	0.94 U	NS	NS	NS
2,4-Dinitrotoluene	NS	NS	NS	0.37 U	NS	NS	NS
2,6-Dinitrotoluene	NS	NS	NS	0.37 U	NS	NS	NS
2-Butanone (Methyl ethyl ketone) (a)	0.0087 J	0.011 J	0.02 J	0.0048 J (b)	0.0081	NS	0.0055 UJ
2-Chloronaphthalene	NS	NS	NS	NS	NS	NS	NS
2-Chlorophenol	NS	NS	NS	0.37 U	NS	NS	NS
2-Hexanone	0.0057 U	0.0048 U	0.0052 U	0.0052 U	0.0049 U	NS	0.0055 UJ

**TABLE A-1**  
**Data Summary Table for Soil**

Sample Location: Sample Date: Unit: Start Depth (inches): End Depth (inches):	OCTBS-007 10/21/2011 mg/kg	OCTBS-007 10/21/2011 mg/kg	OCTBS-007 10/21/2011 mg/kg	OCTBS-007 10/21/2011 mg/kg	OCTBS-007 10/21/2011 mg/kg	OCTBS-007 10/21/2011 pg/g	OCTBS-017 10/26/2011 mg/kg
	25	36	45	53	66	53	14
	36	45	53	66	80	66	24
2-Methylnaphthalene	NS	NS	NS	0.37 U	NS	NS	NS
2-Methylphenol (o-Cresol)	NS	NS	NS	0.37 U	NS	NS	NS
2-Nitroaniline	NS	NS	NS	0.94 U	NS	NS	NS
2-Nitrophenol	NS	NS	NS	0.37 U	NS	NS	NS
3,3'-Dichlorobenzidine	NS	NS	NS	0.37 U	NS	NS	NS
3+4-Methylphenol (m,p-Cresol)	NS	NS	NS	0.76 U	NS	NS	NS
3-Nitroaniline	NS	NS	NS	0.94 U	NS	NS	NS
4,4'-DDD	NS	NS	NS	0.0087 J	NS	NS	NS
4,4'-DDE	NS	NS	NS	0.0059	NS	NS	NS
4,4'-DDT	NS	NS	NS	0.0036 U	NS	NS	NS
4,6-Dinitro-2-Methylphenol	NS	NS	NS	0.94 U	NS	NS	NS
4-Bromophenyl phenyl ether	NS	NS	NS	0.37 U	NS	NS	NS
4-Chloro-3-Methylphenol	NS	NS	NS	0.37 U	NS	NS	NS
4-Chloroaniline	NS	NS	NS	0.37 U	NS	NS	NS
4-Chlorophenyl phenyl ether	NS	NS	NS	0.37 U	NS	NS	NS
4-Methylphenol (p-Cresol)	NS	NS	NS	NS	NS	NS	NS
4-Nitroaniline	NS	NS	NS	0.94 U	NS	NS	NS
4-Nitrophenol	NS	NS	NS	0.94 U	NS	NS	NS
Acenaphthene	NS	NS	NS	0.021 J	NS	NS	NS
Acenaphthylene	NS	NS	NS	0.37 U	NS	NS	NS
Acetone (a)	0.036	0.048	0.078	0.024	0.029	NS	0.0055 UJ
Acetophenone	NS	NS	NS	0.37 U	NS	NS	NS
Aldrin	NS	NS	NS	0.0019 U	NS	NS	NS
alpha-BHC	NS	NS	NS	0.0019 U	NS	NS	NS
alpha-Chlordane	NS	NS	NS	0.001 J	NS	NS	NS
Aluminum	NS	NS	NS	1570	NS	NS	NS
Anthracene	NS	NS	NS	0.06 J	NS	NS	NS
Antimony	NS	NS	NS	5.2 U	NS	NS	NS
Arsenic	NS	NS	NS	4.7	NS	NS	NS
Atrazine	NS	NS	NS	0.37 U	NS	NS	NS
Barium	NS	NS	NS	27.4 J	NS	NS	NS
Benzaldehyde	NS	NS	NS	0.018 J	NS	NS	NS
Benzene	0.0057 U	0.0048 U	0.0052 U	0.0052 U	0.0049 U	NS	0.0055 U
Benzo(a)anthracene	NS	NS	NS	0.19 J	NS	NS	NS
Benzo(a)pyrene	NS	NS	NS	0.19 J	NS	NS	NS
Benzo(b)fluoranthene	NS	NS	NS	0.19 J	NS	NS	NS
Benzo(g,h,i)perylene	NS	NS	NS	0.093 J	NS	NS	NS
Benzo(k)fluoranthene	NS	NS	NS	0.25 J	NS	NS	NS
Beryllium	NS	NS	NS	0.1 J	NS	NS	NS
beta-BHC	NS	NS	NS	0.0019 U	NS	NS	NS
beta-Chlordane	NS	NS	NS	0.0019 U	NS	NS	NS
bis(2-Chloroethoxy)methane	NS	NS	NS	0.37 U	NS	NS	NS
bis(2-Chloroethyl)ether	NS	NS	NS	0.37 U	NS	NS	NS
bis(2-Chloroisopropyl)ether	NS	NS	NS	0.37 U	NS	NS	NS

**TABLE A-1**  
**Data Summary Table for Soil**

Sample Location: Sample Date: Unit: Start Depth (inches): End Depth (inches):	OCTBS-007 10/21/2011 mg/kg 25 36	OCTBS-007 10/21/2011 mg/kg 36 45	OCTBS-007 10/21/2011 mg/kg 45 53	OCTBS-007 10/21/2011 mg/kg 53 66	OCTBS-007 10/21/2011 mg/kg 66 80	OCTBS-007 10/21/2011 pg/g 53 66	OCTBS-017 10/26/2011 mg/kg 14 24
bis(2-Ethylhexyl)phthalate (b)	NS	NS	NS	0.07 J (b)	NS	NS	NS
Bromodichloromethane (Dichlorobromomethane)	0.0057 U	0.0048 U	0.0052 U	0.0052 U	0.0049 U	NS	0.0055 U
Bromoform (Tribromomethane)	0.0057 U	0.0048 U	0.0052 U	0.0052 U	0.0049 U	NS	0.0055 U
Bromomethane (Methyl bromide)	0.0057 U	0.0048 U	0.0052 U	0.0052 U	0.0049 U	NS	0.0055 UJ
Butyl benzyl phthalate (b)	NS	NS	NS	0.37 U	NS	NS	NS
Cadmium	NS	NS	NS	0.17 J	NS	NS	NS
Calcium	NS	NS	NS	23400 J	NS	NS	NS
Caprolactam	NS	NS	NS	0.37 U	NS	NS	NS
Carbazole	NS	NS	NS	0.37 U	NS	NS	NS
Carbon disulfide (a)	0.0057 UB	0.0048 U	0.0052 U	0.0052 U	0.0049 U	NS	0.0055 UJ
Carbon tetrachloride	0.0057 U	0.0048 U	0.0052 U	0.0052 U	0.0049 U	NS	0.0055 U
Chlordane (technical)	NS	NS	NS	0.019 U	NS	NS	NS
Chlorobenzene	0.0057 U	0.0048 U	0.0052 U	0.0052 U	0.0049 U	NS	0.0055 U
Chlorobromomethane (Bromochloromethane)	0.0057 U	0.0048 U	0.0052 U	0.0052 U	0.0049 U	NS	0.0055 U
Chlorodibromomethane (Dibromochloromethane)	0.0057 U	0.0048 U	0.0052 U	0.0052 U	0.0049 U	NS	0.0055 U
Chloroethane	0.0057 U	0.0048 U	0.0052 U	0.0052 U	0.0049 U	NS	0.0055 U
Chloroform	0.0057 U	0.0048 U	0.0052 U	0.0052 U	0.0049 U	NS	0.0055 U
Chloromethane (Methyl chloride)	0.0057 U	0.0048 U	0.0052 U	0.0052 U	0.0049 U	NS	0.0055 U
Chromium	NS	NS	NS	7.7 J	NS	NS	NS
Chrysene	NS	NS	NS	0.53	NS	NS	NS
cis-1,2-Dichloroethene	0.0057 U	0.0048 U	0.0052 U	0.0052 U	0.0049 U	NS	0.0055 U
cis-1,3-Dichloropropene	0.0057 U	0.0048 U	0.0052 U	0.0052 U	0.0049 U	NS	0.0055 UJ
Cobalt	NS	NS	NS	1.7 J	NS	NS	NS
Copper	NS	NS	NS	5.5	NS	NS	NS
Cyanide	NS	NS	NS	NS	NS	NS	NS
delta-BHC	NS	NS	NS	NS	NS	NS	NS
Dibenzo(a,h)anthracene	NS	NS	NS	0.37 U	NS	NS	NS
Dibenzofuran	NS	NS	NS	0.37 U	NS	NS	NS
Dichlorodifluoromethane	0.0057 U	0.0048 U	0.0052 U	0.0052 U	0.0049 U	NS	0.0055 U
Dieldrin	NS	NS	NS	0.0036 U	NS	NS	NS
Diethyl phthalate (b)	NS	NS	NS	0.37 U	NS	NS	NS
Dimethyl phthalate	NS	NS	NS	0.37 U	NS	NS	NS
Di-n-butyl phthalate (b)	NS	NS	NS	0.37 U	NS	NS	NS
Di-n-octyl phthalate	NS	NS	NS	0.37 U	NS	NS	NS
Endosulfan I	NS	NS	NS	0.0019 U	NS	NS	NS
Endosulfan II	NS	NS	NS	0.0036 U	NS	NS	NS
Endosulfan sulfate	NS	NS	NS	0.0036 U	NS	NS	NS
Endrin	NS	NS	NS	0.00064 J	NS	NS	NS
Endrin aldehyde	NS	NS	NS	0.0036 U	NS	NS	NS
Endrin ketone	NS	NS	NS	0.0036 U	NS	NS	NS
Ethylbenzene	0.0057 U	0.0048 U	0.0052 U	0.0052 U	0.0049 U	NS	0.0055 U
Fluoranthene	NS	NS	NS	0.97	NS	NS	NS
Fluorene	NS	NS	NS	0.05 J	NS	NS	NS
Freon-113 (1,1,2-trichloro-1,2,2-trifluoroethane)	0.0057 U	0.0048 U	0.0052 U	0.0052 U	0.0049 U	NS	0.0055 U

**TABLE A-1**  
**Data Summary Table for Soil**

Sample Location: Sample Date: Unit: Start Depth (inches): End Depth (inches):	OCTBS-007 10/21/2011 mg/kg	OCTBS-007 10/21/2011 mg/kg	OCTBS-007 10/21/2011 mg/kg	OCTBS-007 10/21/2011 mg/kg	OCTBS-007 10/21/2011 mg/kg	OCTBS-007 10/21/2011 pg/g	OCTBS-017 10/26/2011 mg/kg
	25	36	45	53	66	53	14
	36	45	53	66	80	66	24
gamma-BHC (Lindane)	NS	NS	NS	0.0019 U	NS	NS	NS
gamma-Chlordane	NS	NS	NS	NS	NS	NS	NS
Heptachlor	NS	NS	NS	0.0027 J	NS	NS	NS
Heptachlor Epoxide	NS	NS	NS	0.0021 JN	NS	NS	NS
Hexachlorobenzene	NS	NS	NS	0.37 U	NS	NS	NS
Hexachlorobutadiene	NS	NS	NS	0.37 U	NS	NS	NS
Hexachlorocyclopentadiene	NS	NS	NS	0.37 U	NS	NS	NS
Hexachloroethane	NS	NS	NS	0.37 U	NS	NS	NS
Indeno(1,2,3-cd)pyrene	NS	NS	NS	0.37 U	NS	NS	NS
Iron	NS	NS	NS	7350 J	NS	NS	NS
Isophorone	NS	NS	NS	0.37 U	NS	NS	NS
Isopropylbenzene (Cumene)	0.0057 U	0.0048 U	0.0052 U	0.0052 U	0.0049 U	NS	0.0055 U
Lead	NS	NS	NS	12.2	NS	NS	NS
Magnesium	NS	NS	NS	7020	NS	NS	NS
Manganese	NS	NS	NS	294 J	NS	NS	NS
Mercury	0.034 U	0.029 U	0.026	0.027 J	0.031 U	NS	0.33 J
Methoxychlor	NS	NS	NS	0.019 U	NS	NS	NS
Methyl isobutyl ketone (4-Methyl-2-pentanone)	0.0057 U	0.0048 U	0.0052 U	0.0052 U	0.0049 U	NS	0.0055 U
Methyl tertiary butyl ether (MTBE)	0.0057 U	0.0048 U	0.0052 U	0.0052 U	0.0049 U	NS	0.0055 U
Methylene chloride (Dichloromethane) (a)	0.0057 U	0.0048 U	0.0011 J (b)	0.0052 UB	0.0049 UB	NS	0.0055 U
Naphthalene	NS	NS	NS	0.37 U	NS	NS	NS
Nickel	NS	NS	NS	4.5 J	NS	NS	NS
Nitrobenzene	NS	NS	NS	0.37 U	NS	NS	NS
N-Nitrosodi-n-propylamine	NS	NS	NS	0.37 U	NS	NS	NS
N-Nitrosodiphenylamine	NS	NS	NS	0.44 U	NS	NS	NS
OCDD	NS	NS	NS	NS	NS	2300	NS
OCDF	NS	NS	NS	NS	NS	37 J	NS
Pentachlorophenol	NS	NS	NS	0.94 U	NS	NS	NS
Phenanthrene	NS	NS	NS	1.3	NS	NS	NS
Phenol	NS	NS	NS	0.37 U	NS	NS	NS
Potassium	NS	NS	NS	127 J	NS	NS	NS
Pyrene	NS	NS	NS	1.4 J	NS	NS	NS
Selenium	NS	NS	NS	3 U	NS	NS	NS
Silver	NS	NS	NS	0.87 U	NS	NS	NS
Sodium	NS	NS	NS	35.9 J	NS	NS	NS
Styrene	0.0057 U	0.0048 U	0.0052 U	0.0052 U	0.0049 U	NS	0.0055 UJ
Tetrachloroethene (PCE)	0.0057 U	0.0048 U	0.0052 U	0.0052 U	0.0049 U	NS	0.0055 U
Thallium	NS	NS	NS	2.2 U	NS	NS	NS
Toluene (a)	0.00056 J (b)	0.00059 J (b)	0.00058 J (b)	0.00077 J (b)	0.00039 J (b)	NS	0.00032 J (b)
Toxaphene	NS	NS	NS	0.19 U	NS	NS	NS
trans-1,2-Dichloroethene	0.0057 U	0.0048 U	0.0052 U	0.0052 U	0.0049 U	NS	0.0055 U
trans-1,3-Dichloropropene	0.0057 U	0.0048 U	0.0052 U	0.0052 U	0.0049 U	NS	0.0055 U
Trichloroethene (TCE)	0.0057 U	0.0048 U	0.0052 U	0.0052 U	0.0049 U	NS	0.0055 UJ
Trichlorofluoromethane	0.0057 U	0.0048 U	0.0052 U	0.0052 U	0.0049 U	NS	0.0055 U



TABLE A-1  
Data Summary Table for Soil

Sample Location: Sample Date: Unit: Start Depth (inches): End Depth (inches):	OCTBS-007 10/21/2011 mg/kg	OCTBS-007 10/21/2011 mg/kg	OCTBS-007 10/21/2011 mg/kg	OCTBS-007 10/21/2011 mg/kg	OCTBS-007 10/21/2011 mg/kg	OCTBS-007 10/21/2011 pg/g	OCTBS-017 10/26/2011 mg/kg
	25	36	45	53	66	53	14
	36	45	53	66	80	66	24
Vanadium	NS	NS	NS	5.2	NS	NS	NS
Vinyl Chloride	0.0057 U	0.0048 U	0.0052 U	0.0052 U	0.0049 U	NS	0.0055 U
Xylenes, Total	0.0057 U	0.0048 U	0.0012 J	0.002 J	0.0049 U	NS	0.0055 UJ
Zinc	NS	NS	NS	25.9 J	NS	NS	NS

Notes:

- (a) Potential laboratory contaminant.
- (b) For potential lab contaminants: The detected value is J / B flagged and the result is less than the reporting limit; the sample is considered a non-detect.

**TABLE A-1**  
**Data Summary Table for Soil**

Sample Location: Sample Date: Unit: Start Depth (inches): End Depth (inches):	OCTBS-017 10/26/2011 mg/kg	OCTBS-017 10/26/2011 mg/kg	OCTBS-017 10/26/2011 mg/kg	OCTBS-017 10/26/2011 mg/kg	OCTBS-017 10/26/2011 mg/kg	OCTBS-022 10/26/2011 mg/kg	OCTBS-022 10/26/2011 pg/g
	24	35	48	56	61	31	31
	35	48	56	61	68	45	45
1,1,1-Trichloroethane	0.0055 U	0.0073 U	0.0061 U	0.0082 U	0.0087 U	NS	NS
1,1,2,2-Tetrachloroethane	0.0055 U	0.0073 UJ	0.0061 U	0.0082 U	0.0087 UJ	NS	NS
1,1,2-Trichloroethane	0.0055 U	0.0073 U	0.0061 U	0.0082 U	0.0087 UJ	NS	NS
1,1-Dichloroethane	0.0055 U	0.0073 U	0.0061 U	0.0082 U	0.0087 U	NS	NS
1,1-Dichloroethene	0.0055 U	0.0073 U	0.0061 U	0.0082 U	0.0087 U	NS	NS
1,2,3,4,6,7,8,9-OCDD	NS	NS	NS	NS	NS	NS	NS
1,2,3,4,6,7,8,9-OCDF	NS	NS	NS	NS	NS	NS	NS
1,2,3,4,6,7,8-HpCDD	NS	NS	NS	NS	NS	NS	27
1,2,3,4,6,7,8-HpCDF	NS	NS	NS	NS	NS	NS	3.3 J
1,2,3,4,7,8,9-HpCDF	NS	NS	NS	NS	NS	NS	8.6 U
1,2,3,4,7,8-HxCDD	NS	NS	NS	NS	NS	NS	8.6 U
1,2,3,4,7,8-HxCDF	NS	NS	NS	NS	NS	NS	8.6 UX
1,2,3,6,7,8-HxCDD	NS	NS	NS	NS	NS	NS	8.6 UX
1,2,3,6,7,8-HxCDF	NS	NS	NS	NS	NS	NS	8.6 UX
1,2,3,7,8,9-HxCDD	NS	NS	NS	NS	NS	NS	8.6 UX
1,2,3,7,8,9-HxCDF	NS	NS	NS	NS	NS	NS	8.6 U
1,2,3,7,8-PeCDD	NS	NS	NS	NS	NS	NS	8.6 U
1,2,3,7,8-PeCDF	NS	NS	NS	NS	NS	NS	8.6 U
1,2,3-Trichlorobenzene	0.0055 U	0.0073 UJ	0.0061 U	0.0082 U	0.0087 UJ	NS	NS
1,2,4,5-Tetrachlorobenzene	NS	NS	NS	NS	NS	0.6 U	NS
1,2,4-Trichlorobenzene	0.0055 U	0.0073 UJ	0.0061 U	0.0082 U	0.0087 UJ	NS	NS
1,2-Dibromo-3-Chloropropane	0.0055 U	0.0073 UJ	0.0061 U	0.0082 U	0.0087 UJ	NS	NS
1,2-Dibromoethane (Ethylene dibromide)	0.0055 U	0.0073 U	0.0061 U	0.0082 U	0.0087 UJ	NS	NS
1,2-Dichlorobenzene	0.0055 U	0.0073 UJ	0.0061 U	0.0082 U	0.0087 UJ	NS	NS
1,2-Dichloroethane	0.0055 U	0.0073 U	0.0061 U	0.0082 U	0.0087 U	NS	NS
1,2-Dichloroethene (Total)	NS	NS	NS	NS	NS	NS	NS
1,2-Dichloropropane	0.0055 U	0.0073 U	0.0061 U	0.0082 U	0.0087 U	NS	NS
1,3-Dichlorobenzene	0.0055 U	0.0073 UJ	0.0061 U	0.0082 U	0.0087 UJ	NS	NS
1,4-Dichlorobenzene	0.0055 U	0.0073 UJ	0.0061 U	0.0082 U	0.0087 UJ	NS	NS
2,3,4,6,7,8-HxCDF	NS	NS	NS	NS	NS	NS	NS
2,3,4,7,8-PeCDF	NS	NS	NS	NS	NS	NS	NS
2,3,7,8-TCDD	NS	NS	NS	NS	NS	NS	1.7 UX
2,3,7,8-TCDF	NS	NS	NS	NS	NS	NS	1.3 J
2,4,5-Trichlorophenol	NS	NS	NS	NS	NS	1.5 U	NS
2,4,6-Trichlorophenol	NS	NS	NS	NS	NS	0.6 U	NS
2,4-Dichlorophenol	NS	NS	NS	NS	NS	0.6 U	NS
2,4-Dimethylphenol	NS	NS	NS	NS	NS	0.6 U	NS
2,4-Dinitrophenol	NS	NS	NS	NS	NS	1.5 U	NS
2,4-Dinitrotoluene	NS	NS	NS	NS	NS	0.6 U	NS
2,6-Dinitrotoluene	NS	NS	NS	NS	NS	0.6 U	NS
2-Butanone (Methyl ethyl ketone) (a)	0.0055 UJ	0.014 J	0.0082 J	0.012 J	0.045 J	NS	NS
2-Chloronaphthalene	NS	NS	NS	NS	NS	NS	NS
2-Chlorophenol	NS	NS	NS	NS	NS	0.6 U	NS
2-Hexanone	0.0055 U	0.0073 U	0.0061 U	0.0082 U	0.0087 UJ	NS	NS

**TABLE A-1**  
**Data Summary Table for Soil**

Sample Location: Sample Date: Unit: Start Depth (inches): End Depth (inches):	OCTBS-017 10/26/2011 mg/kg	OCTBS-017 10/26/2011 mg/kg	OCTBS-017 10/26/2011 mg/kg	OCTBS-017 10/26/2011 mg/kg	OCTBS-017 10/26/2011 mg/kg	OCTBS-022 10/26/2011 mg/kg	OCTBS-022 10/26/2011 pg/g
	24	35	48	56	61	31	31
	35	48	56	61	68	45	45
2-Methylnaphthalene	NS	NS	NS	NS	NS	0.6 U	NS
2-Methylphenol (o-Cresol)	NS	NS	NS	NS	NS	0.6 U	NS
2-Nitroaniline	NS	NS	NS	NS	NS	1.5 U	NS
2-Nitrophenol	NS	NS	NS	NS	NS	0.6 U	NS
3,3'-Dichlorobenzidine	NS	NS	NS	NS	NS	0.6 U	NS
3+4-Methylphenol (m,p-Cresol)	NS	NS	NS	NS	NS	1.2 U	NS
3-Nitroaniline	NS	NS	NS	NS	NS	1.5 U	NS
4,4'-DDD	NS	NS	NS	NS	NS	0.0058 U	NS
4,4'-DDE	NS	NS	NS	NS	NS	0.0058 U	NS
4,4'-DDT	NS	NS	NS	NS	NS	0.0058 U	NS
4,6-Dinitro-2-Methylphenol	NS	NS	NS	NS	NS	1.5 U	NS
4-Bromophenyl phenyl ether	NS	NS	NS	NS	NS	0.6 U	NS
4-Chloro-3-Methylphenol	NS	NS	NS	NS	NS	0.6 U	NS
4-Chloroaniline	NS	NS	NS	NS	NS	0.6 U	NS
4-Chlorophenyl phenyl ether	NS	NS	NS	NS	NS	0.6 U	NS
4-Methylphenol (p-Cresol)	NS	NS	NS	NS	NS	NS	NS
4-Nitroaniline	NS	NS	NS	NS	NS	1.5 U	NS
4-Nitrophenol	NS	NS	NS	NS	NS	1.5 U	NS
Acenaphthene	NS	NS	NS	NS	NS	0.6 U	NS
Acenaphthylene	NS	NS	NS	NS	NS	0.6 U	NS
Acetone (a)	0.011 UBJ	0.07 J	0.041 J	0.059 J	0.18 J	NS	NS
Acetophenone	NS	NS	NS	NS	NS	0.6 U	NS
Aldrin	NS	NS	NS	NS	NS	0.003 U	NS
alpha-BHC	NS	NS	NS	NS	NS	0.003 U	NS
alpha-Chlordane	NS	NS	NS	NS	NS	0.003 U	NS
Aluminum	NS	NS	NS	NS	NS	5540	NS
Anthracene	NS	NS	NS	NS	NS	0.6 U	NS
Antimony	NS	NS	NS	NS	NS	0.85 J	NS
Arsenic	NS	NS	NS	NS	NS	6.5	NS
Atrazine	NS	NS	NS	NS	NS	0.6 U	NS
Barium	NS	NS	NS	NS	NS	173 J	NS
Benzaldehyde	NS	NS	NS	NS	NS	0.061	NS
Benzene	0.0055 U	0.0073 U	0.0061 U	0.0082 U	0.0087 U	NS	NS
Benzo(a)anthracene	NS	NS	NS	NS	NS	0.6 U	NS
Benzo(a)pyrene	NS	NS	NS	NS	NS	0.6 U	NS
Benzo(b)fluoranthene	NS	NS	NS	NS	NS	0.6 U	NS
Benzo(g,h,i)perylene	NS	NS	NS	NS	NS	0.6 U	NS
Benzo(k)fluoranthene	NS	NS	NS	NS	NS	0.6 U	NS
Beryllium	NS	NS	NS	NS	NS	0.33 J	NS
beta-BHC	NS	NS	NS	NS	NS	0.003 U	NS
beta-Chlordane	NS	NS	NS	NS	NS	0.003 U	NS
bis(2-Chloroethoxy)methane	NS	NS	NS	NS	NS	0.6 U	NS
bis(2-Chloroethyl)ether	NS	NS	NS	NS	NS	0.6 U	NS
bis(2-Chloroisopropyl)ether	NS	NS	NS	NS	NS	0.6 U	NS

**TABLE A-1**  
**Data Summary Table for Soil**

Sample Location: Sample Date: Unit: Start Depth (inches): End Depth (inches):	OCTBS-017 10/26/2011 mg/kg	OCTBS-017 10/26/2011 mg/kg	OCTBS-017 10/26/2011 mg/kg	OCTBS-017 10/26/2011 mg/kg	OCTBS-017 10/26/2011 mg/kg	OCTBS-022 10/26/2011 mg/kg	OCTBS-022 10/26/2011 pg/g
	24	35	48	56	61	31	31
	35	48	56	61	68	45	45
bis(2-Ethylhexyl)phthalate (b)	NS	NS	NS	NS	NS	0.053	NS
Bromodichloromethane (Dichlorobromomethane)	0.0055 U	0.0073 U	0.0061 U	0.0082 U	0.0087 U	NS	NS
Bromoform (Tribromomethane)	0.0055 U	0.0073 U	0.0061 U	0.0082 U	0.0087 UJ	NS	NS
Bromomethane (Methyl bromide)	0.0055 UJ	0.0073 UJ	0.0061 UJ	0.0082 UJ	0.0087 UJ	NS	NS
Butyl benzyl phthalate (b)	NS	NS	NS	NS	NS	0.6 U	NS
Cadmium	NS	NS	NS	NS	NS	0.19 J	NS
Calcium	NS	NS	NS	NS	NS	119000 J	NS
Caprolactam	NS	NS	NS	NS	NS	0.6 U	NS
Carbazole	NS	NS	NS	NS	NS	0.6 U	NS
Carbon disulfide (a)	0.0055 UB	0.0073 U	0.0061 U	0.0082 U	0.0087 U	NS	NS
Carbon tetrachloride	0.0055 U	0.0073 U	0.0061 U	0.0082 U	0.0087 U	NS	NS
Chlordane (technical)	NS	NS	NS	NS	NS	0.03 U	NS
Chlorobenzene	0.0055 U	0.0073 U	0.0061 U	0.0082 U	0.0087 UJ	NS	NS
Chlorobromomethane (Bromochloromethane)	0.0055 U	0.0073 U	0.0061 U	0.0082 U	0.0087 U	NS	NS
Chlorodibromomethane (Dibromochloromethane)	0.0055 U	0.0073 U	0.0061 U	0.0082 U	0.0087 UJ	NS	NS
Chloroethane	0.0055 U	0.0073 U	0.0061 U	0.0082 U	0.0087 U	NS	NS
Chloroform	0.0055 U	0.0073 U	0.0061 U	0.0082 U	0.0087 U	NS	NS
Chloromethane (Methyl chloride)	0.0055 U	0.0073 U	0.0061 U	0.0082 U	0.0087 U	NS	NS
Chromium	NS	NS	NS	NS	NS	9.7 J	NS
Chrysene	NS	NS	NS	NS	NS	0.6 U	NS
cis-1,2-Dichloroethene	0.0055 U	0.0073 U	0.0061 U	0.0082 U	0.0087 U	NS	NS
cis-1,3-Dichloropropene	0.0055 U	0.0073 U	0.0061 U	0.0082 U	0.0087 U	NS	NS
Cobalt	NS	NS	NS	NS	NS	4.7 J	NS
Copper	NS	NS	NS	NS	NS	5.6	NS
Cyanide	NS	NS	NS	NS	NS	NS	NS
delta-BHC	NS	NS	NS	NS	NS	NS	NS
Dibenzo(a,h)anthracene	NS	NS	NS	NS	NS	0.6 U	NS
Dibenzofuran	NS	NS	NS	NS	NS	0.6 U	NS
Dichlorodifluoromethane	0.0055 U	0.0073 U	0.0061 U	0.0082 U	0.0087 U	NS	NS
Dieldrin	NS	NS	NS	NS	NS	0.0058 U	NS
Diethyl phthalate (b)	NS	NS	NS	NS	NS	0.6 U	NS
Dimethyl phthalate	NS	NS	NS	NS	NS	0.6 U	NS
Di-n-butyl phthalate (b)	NS	NS	NS	NS	NS	0.03	NS
Di-n-octyl phthalate	NS	NS	NS	NS	NS	0.6 U	NS
Endosulfan I	NS	NS	NS	NS	NS	0.003 U	NS
Endosulfan II	NS	NS	NS	NS	NS	0.0058 U	NS
Endosulfan sulfate	NS	NS	NS	NS	NS	0.0058 U	NS
Endrin	NS	NS	NS	NS	NS	0.0058 U	NS
Endrin aldehyde	NS	NS	NS	NS	NS	0.0058 U	NS
Endrin ketone	NS	NS	NS	NS	NS	0.0058 U	NS
Ethylbenzene	0.0055 U	0.0073 U	0.0061 U	0.0082 U	0.0087 UJ	NS	NS
Fluoranthene	NS	NS	NS	NS	NS	0.6 U	NS
Fluorene	NS	NS	NS	NS	NS	0.6 U	NS
Freon-113 (1,1,2-trichloro-1,2,2-trifluoroethane)	0.0055 U	0.0073 U	0.0061 U	0.0082 U	0.0087 U	NS	NS

**TABLE A-1**  
**Data Summary Table for Soil**

Sample Location: Sample Date: Unit: Start Depth (inches): End Depth (inches):	OCTBS-017 10/26/2011 mg/kg	OCTBS-017 10/26/2011 mg/kg	OCTBS-017 10/26/2011 mg/kg	OCTBS-017 10/26/2011 mg/kg	OCTBS-017 10/26/2011 mg/kg	OCTBS-022 10/26/2011 mg/kg	OCTBS-022 10/26/2011 pg/g
	24	35	48	56	61	31	31
	35	48	56	61	68	45	45
gamma-BHC (Lindane)	NS	NS	NS	NS	NS	0.003 U	NS
gamma-Chlordane	NS	NS	NS	NS	NS	NS	NS
Heptachlor	NS	NS	NS	NS	NS	0.003 U	NS
Heptachlor Epoxide	NS	NS	NS	NS	NS	0.003 U	NS
Hexachlorobenzene	NS	NS	NS	NS	NS	0.6 U	NS
Hexachlorobutadiene	NS	NS	NS	NS	NS	0.6 U	NS
Hexachlorocyclopentadiene	NS	NS	NS	NS	NS	0.6 U	NS
Hexachloroethane	NS	NS	NS	NS	NS	0.6 U	NS
Indeno(1,2,3-cd)pyrene	NS	NS	NS	NS	NS	0.6 U	NS
Iron	NS	NS	NS	NS	NS	24900 J	NS
Isophorone	NS	NS	NS	NS	NS	0.6 U	NS
Isopropylbenzene (Cumene)	0.0055 U	0.0073 UJ	0.0061 U	0.0082 U	0.0087 UJ	NS	NS
Lead	NS	NS	NS	NS	NS	6.1	NS
Magnesium	NS	NS	NS	NS	NS	9450	NS
Manganese	NS	NS	NS	NS	NS	1820 J	NS
Mercury	0.14 J	0.052 UBJ	0.016	0.044 U	0.013	0.049 J	NS
Methoxychlor	NS	NS	NS	NS	NS	0.03 U	NS
Methyl isobutyl ketone (4-Methyl-2-pentanone)	0.0055 U	0.0073 U	0.0061 U	0.0082 U	0.0087 U	NS	NS
Methyl tertiary butyl ether (MTBE)	0.0055 U	0.0073 U	0.0061 U	0.0082 U	0.0087 U	NS	NS
Methylene chloride (Dichloromethane) (a)	0.0055 U	0.0073 U	0.0061 U	0.0082 U	0.0087 U	NS	NS
Naphthalene	NS	NS	NS	NS	NS	0.6 U	NS
Nickel	NS	NS	NS	NS	NS	7.6 J	NS
Nitrobenzene	NS	NS	NS	NS	NS	0.6 U	NS
N-Nitrosodi-n-propylamine	NS	NS	NS	NS	NS	0.6 U	NS
N-Nitrosodiphenylamine	NS	NS	NS	NS	NS	0.7 U	NS
OCDD	NS	NS	NS	NS	NS	NS	220
OCDF	NS	NS	NS	NS	NS	NS	7 J
Pentachlorophenol	NS	NS	NS	NS	NS	1.5 U	NS
Phenanthrene	NS	NS	NS	NS	NS	0.6 U	NS
Phenol	NS	NS	NS	NS	NS	0.6 U	NS
Potassium	NS	NS	NS	NS	NS	293 J	NS
Pyrene	NS	NS	NS	NS	NS	0.6 U	NS
Selenium	NS	NS	NS	NS	NS	1.6 J	NS
Silver	NS	NS	NS	NS	NS	1.4 U	NS
Sodium	NS	NS	NS	NS	NS	119 J	NS
Styrene	0.0055 U	0.0073 U	0.0061 U	0.0082 U	0.0087 UJ	NS	NS
Tetrachloroethene (PCE)	0.0055 U	0.0073 U	0.0061 U	0.0082 U	0.0087 UJ	NS	NS
Thallium	NS	NS	NS	NS	NS	1 J	NS
Toluene (a)	0.00039 J (b)	0.00017 J (b)	0.0061 U	0.0082 U	0.00041 J (b)	NS	NS
Toxaphene	NS	NS	NS	NS	NS	0.3 U	NS
trans-1,2-Dichloroethene	0.0055 U	0.0073 U	0.0061 U	0.0082 U	0.0087 U	NS	NS
trans-1,3-Dichloropropene	0.0055 U	0.0073 U	0.0061 U	0.0082 U	0.0087 UJ	NS	NS
Trichloroethene (TCE)	0.0055 U	0.0073 U	0.0061 U	0.0082 U	0.0087 U	NS	NS
Trichlorofluoromethane	0.0055 U	0.0073 U	0.0061 U	0.0082 U	0.0087 U	NS	NS

TABLE A-1  
Data Summary Table for Soil

Sample Location: Sample Date: Unit: Start Depth (inches): End Depth (inches):	OCTBS-017 10/26/2011 mg/kg	OCTBS-017 10/26/2011 mg/kg	OCTBS-017 10/26/2011 mg/kg	OCTBS-017 10/26/2011 mg/kg	OCTBS-017 10/26/2011 mg/kg	OCTBS-022 10/26/2011 mg/kg	OCTBS-022 10/26/2011 pg/g
	24	35	48	56	61	31	31
	35	48	56	61	68	45	45
Vanadium	NS	NS	NS	NS	NS	14	NS
Vinyl Chloride	0.0055 U	0.0073 U	0.0061 U	0.0082 U	0.0087 U	NS	NS
Xylenes, Total	0.0055 U	0.0073 U	0.0061 U	0.0082 U	0.0087 UJ	NS	NS
Zinc	NS	NS	NS	NS	NS	33.1 J	NS

Notes:  
(a) Potential laboratory contaminant.  
(b) For potential lab contaminants: The detected value is  
J / B flagged and the result is less than the reporting  
limit; the sample is considered a non-detect.

**TABLE A-1**  
**Data Summary Table for Soil**

Sample Location: Sample Date: Unit: Start Depth (inches): End Depth (inches):	OCTBS-026 10/26/2011 mg/kg 63 73	OCTBS-026 10/26/2011 pg/g 63 73	OCTBS-027 10/25/2011 mg/kg 14 23	OCTBS-027 10/25/2011 mg/kg 23 36	OCTBS-027 10/25/2011 mg/kg 36 43	OCTBS-027 10/25/2011 mg/kg 43 55	OCTBS-027 10/25/2011 mg/kg 55 66
1,1,1-Trichloroethane	NS	NS	0.0055 U	0.018 U	0.0096 U	0.0054 U	0.012 U
1,1,2,2-Tetrachloroethane	NS	NS	0.0055 U	0.018 U	0.0096 U	0.0054 U	0.012 UJ
1,1,2-Trichloroethane	NS	NS	0.0055 U	0.018 U	0.0096 U	0.0054 U	0.012 U
1,1-Dichloroethane	NS	NS	0.0055 U	0.018 U	0.0096 U	0.0054 U	0.012 U
1,1-Dichloroethene	NS	NS	0.0055 U	0.018 U	0.0096 U	0.0054 U	0.012 U
1,2,3,4,6,7,8,9-OCDD	NS	NS	NS	NS	NS	NS	NS
1,2,3,4,6,7,8,9-OCDF	NS	NS	NS	NS	NS	NS	NS
1,2,3,4,6,7,8-HpCDD	NS	74	NS	NS	NS	NS	NS
1,2,3,4,6,7,8-HpCDF	NS	11	NS	NS	NS	NS	NS
1,2,3,4,7,8,9-HpCDF	NS	5.6 UX	NS	NS	NS	NS	NS
1,2,3,4,7,8-HxCDD	NS	5.6 UX	NS	NS	NS	NS	NS
1,2,3,4,7,8-HxCDF	NS	0.82 J	NS	NS	NS	NS	NS
1,2,3,6,7,8-HxCDD	NS	2.5 J	NS	NS	NS	NS	NS
1,2,3,6,7,8-HxCDF	NS	0.69 J	NS	NS	NS	NS	NS
1,2,3,7,8,9-HxCDD	NS	0.94 J	NS	NS	NS	NS	NS
1,2,3,7,8,9-HxCDF	NS	5.6 U	NS	NS	NS	NS	NS
1,2,3,7,8-PeCDD	NS	0.25 J	NS	NS	NS	NS	NS
1,2,3,7,8-PeCDF	NS	5.6 UX	NS	NS	NS	NS	NS
1,2,3-Trichlorobenzene	NS	NS	0.0055 U	0.018 U	0.0096 U	0.0054 U	0.012 UJ
1,2,4,5-Tetrachlorobenzene	0.38 U	NS	0.39 U	NS	NS	NS	NS
1,2,4-Trichlorobenzene	NS	NS	0.0055 U	0.018 U	0.0096 U	0.0054 U	0.012 UJ
1,2-Dibromo-3-Chloropropane	NS	NS	0.0055 U	0.018 U	0.0096 U	0.0054 U	0.012 UJ
1,2-Dibromoethane (Ethylene dibromide)	NS	NS	0.0055 U	0.018 U	0.0096 U	0.0054 U	0.012 U
1,2-Dichlorobenzene	NS	NS	0.0055 U	0.018 U	0.0096 U	0.0054 U	0.012 UJ
1,2-Dichloroethane	NS	NS	0.0055 U	0.018 U	0.0096 U	0.0054 U	0.012 U
1,2-Dichloroethene (Total)	NS	NS	NS	NS	NS	NS	NS
1,2-Dichloropropane	NS	NS	0.0055 U	0.018 U	0.0096 U	0.0054 U	0.012 U
1,3-Dichlorobenzene	NS	NS	0.0055 U	0.018 U	0.0096 U	0.0054 U	0.012 UJ
1,4-Dichlorobenzene	NS	NS	0.0055 U	0.018 U	0.0096 U	0.0054 U	0.012 UJ
2,3,4,6,7,8-HxCDF	NS	NS	NS	NS	NS	NS	NS
2,3,4,7,8-PeCDF	NS	NS	NS	NS	NS	NS	NS
2,3,7,8-TCDD	NS	1.8 UX	NS	NS	NS	NS	NS
2,3,7,8-TCDF	NS	5.5	NS	NS	NS	NS	NS
2,4,5-Trichlorophenol	0.95 U	NS	0.99 U	NS	NS	NS	NS
2,4,6-Trichlorophenol	0.38 U	NS	0.39 U	NS	NS	NS	NS
2,4-Dichlorophenol	0.38 U	NS	0.39 U	NS	NS	NS	NS
2,4-Dimethylphenol	0.38 U	NS	0.39 U	NS	NS	NS	NS
2,4-Dinitrophenol	0.95 U	NS	0.99 U	NS	NS	NS	NS
2,4-Dinitrotoluene	0.38 U	NS	0.39 U	NS	NS	NS	NS
2,6-Dinitrotoluene	0.38 U	NS	0.39 U	NS	NS	NS	NS
2-Butanone (Methyl ethyl ketone) (a)	NS	NS	0.0055 U	0.045 J	0.069 J	0.0054 UJ	0.053 J
2-Chloronaphthalene	NS	NS	NS	NS	NS	NS	NS
2-Chlorophenol	0.38 U	NS	0.39 U	NS	NS	NS	NS
2-Hexanone	NS	NS	0.0055 U	0.018 U	0.0096 U	0.0054 U	0.012 U

**TABLE A-1**  
**Data Summary Table for Soil**

Sample Location: Sample Date: Unit: Start Depth (inches): End Depth (inches):	OCTBS-026 10/26/2011 mg/kg	OCTBS-026 10/26/2011 pg/g	OCTBS-027 10/25/2011 mg/kg	OCTBS-027 10/25/2011 mg/kg	OCTBS-027 10/25/2011 mg/kg	OCTBS-027 10/25/2011 mg/kg	OCTBS-027 10/25/2011 mg/kg
	63	63	14	23	36	43	55
	73	73	23	36	43	55	66
2-Methylnaphthalene	0.38 U	NS	0.39 U	NS	NS	NS	NS
2-Methylphenol (o-Cresol)	0.38 U	NS	0.39 U	NS	NS	NS	NS
2-Nitroaniline	0.95 U	NS	0.99 U	NS	NS	NS	NS
2-Nitrophenol	0.38 U	NS	0.39 U	NS	NS	NS	NS
3,3'-Dichlorobenzidine	0.38 U	NS	0.39 U	NS	NS	NS	NS
3+4-Methylphenol (m,p-Cresol)	0.76 U	NS	0.8 U	NS	NS	NS	NS
3-Nitroaniline	0.95 U	NS	0.99 U	NS	NS	NS	NS
4,4'-DDD	0.001 J	NS	0.00065 J	NS	NS	NS	NS
4,4'-DDE	0.00098 J	NS	0.0013 J	NS	NS	NS	NS
4,4'-DDT	0.0037 U	NS	0.0039 U	NS	NS	NS	NS
4,6-Dinitro-2-Methylphenol	0.95 U	NS	0.99 U	NS	NS	NS	NS
4-Bromophenyl phenyl ether	0.38 U	NS	0.39 U	NS	NS	NS	NS
4-Chloro-3-Methylphenol	0.38 U	NS	0.39 U	NS	NS	NS	NS
4-Chloroaniline	0.38 U	NS	0.39 U	NS	NS	NS	NS
4-Chlorophenyl phenyl ether	0.38 U	NS	0.39 U	NS	NS	NS	NS
4-Methylphenol (p-Cresol)	NS	NS	NS	NS	NS	NS	NS
4-Nitroaniline	0.95 U	NS	0.99 U	NS	NS	NS	NS
4-Nitrophenol	0.95 U	NS	0.99 U	NS	NS	NS	NS
Acenaphthene	0.021	NS	0.39 U	NS	NS	NS	NS
Acenaphthylene	0.38 U	NS	0.39 U	NS	NS	NS	NS
Acetone (a)	NS	NS	0.0073 UB	0.19	0.32 J	0.0054 U	0.22
Acetophenone	0.38 U	NS	0.026	NS	NS	NS	NS
Aldrin	0.0019 U	NS	0.002 U	NS	NS	NS	NS
alpha-BHC	0.0019 U	NS	0.002 U	NS	NS	NS	NS
alpha-Chlordane	0.0019 U	NS	0.00042 J	NS	NS	NS	NS
Aluminum	3200	NS	3390	NS	NS	NS	NS
Anthracene	0.046	NS	0.39 U	NS	NS	NS	NS
Antimony	5.2 U	NS	5 U	NS	NS	NS	NS
Arsenic	4.4	NS	3.5	NS	NS	NS	NS
Atrazine	0.38 U	NS	0.39 U	NS	NS	NS	NS
Barium	27.1 J	NS	31 J	NS	NS	NS	NS
Benzaldehyde	0.38 U	NS	0.029	NS	NS	NS	NS
Benzene	NS	NS	0.0055 U	0.018 U	0.0096 U	0.0054 U	0.012 U
Benzo(a)anthracene	0.13	NS	0.026	NS	NS	NS	NS
Benzo(a)pyrene	0.11	NS	0.39 U	NS	NS	NS	NS
Benzo(b)fluoranthene	0.1	NS	0.034	NS	NS	NS	NS
Benzo(g,h,i)perylene	0.064	NS	0.022	NS	NS	NS	NS
Benzo(k)fluoranthene	0.12	NS	0.39 U	NS	NS	NS	NS
Beryllium	0.13 J	NS	0.15 J	NS	NS	NS	NS
beta-BHC	0.0019 U	NS	0.002 U	NS	NS	NS	NS
beta-Chlordane	0.0019 U	NS	0.002 U	NS	NS	NS	NS
bis(2-Chloroethoxy)methane	0.38 U	NS	0.39 U	NS	NS	NS	NS
bis(2-Chloroethyl)ether	0.38 U	NS	0.39 U	NS	NS	NS	NS
bis(2-Chloroisopropyl)ether	0.38 U	NS	0.39 U	NS	NS	NS	NS



**TABLE A-1**  
**Data Summary Table for Soil**

Sample Location: Sample Date: Unit: Start Depth (inches): End Depth (inches):	OCTBS-026 10/26/2011 mg/kg	OCTBS-026 10/26/2011 pg/g	OCTBS-027 10/25/2011 mg/kg	OCTBS-027 10/25/2011 mg/kg	OCTBS-027 10/25/2011 mg/kg	OCTBS-027 10/25/2011 mg/kg	OCTBS-027 10/25/2011 mg/kg
	63 73	63 73	14 23	23 36	36 43	43 55	55 66
bis(2-Ethylhexyl)phthalate (b)	0.027	NS	0.063	NS	NS	NS	NS
Bromodichloromethane (Dichlorobromomethane)	NS	NS	0.0055 U	0.018 U	0.0096 U	0.0054 U	0.012 U
Bromoform (Tribromomethane)	NS	NS	0.0055 U	0.018 U	0.0096 U	0.0054 U	0.012 U
Bromomethane (Methyl bromide)	NS	NS	0.0055 U	0.018 U	0.0096 U	0.0054 U	0.012 U
Butyl benzyl phthalate (b)	0.38 U	NS	0.024	NS	NS	NS	NS
Cadmium	0.41 J	NS	0.42	NS	NS	NS	NS
Calcium	132000 J	NS	58900 J	NS	NS	NS	NS
Caprolactam	0.38 U	NS	0.39 U	NS	NS	NS	NS
Carbazole	0.38 U	NS	0.39 U	NS	NS	NS	NS
Carbon disulfide (a)	NS	NS	0.0055 U	0.012 J (b)	0.005 J (b)	0.0054 U	0.0027 J (b)
Carbon tetrachloride	NS	NS	0.0055 U	0.018 U	0.0096 U	0.0054 U	0.012 U
Chlordane (technical)	0.019 U	NS	0.02 U	NS	NS	NS	NS
Chlorobenzene	NS	NS	0.0055 U	0.018 U	0.0096 U	0.0054 U	0.012 U
Chlorobromomethane (Bromochloromethane)	NS	NS	0.0055 U	0.018 U	0.0096 U	0.0054 U	0.012 U
Chlorodibromomethane (Dibromochloromethane)	NS	NS	0.0055 U	0.018 U	0.0096 U	0.0054 U	0.012 U
Chloroethane	NS	NS	0.0055 U	0.018 U	0.0096 U	0.0054 U	0.012 U
Chloroform	NS	NS	0.0055 U	0.018 U	0.0096 U	0.0054 U	0.012 U
Chloromethane (Methyl chloride)	NS	NS	0.0055 U	0.018 U	0.0096 U	0.0054 U	0.012 U
Chromium	19.5 J	NS	16.9 J	NS	NS	NS	NS
Chrysene	0.16	NS	0.038	NS	NS	NS	NS
cis-1,2-Dichloroethene	NS	NS	0.0055 U	0.018 U	0.0096 U	0.0054 U	0.012 U
cis-1,3-Dichloropropene	NS	NS	0.0055 U	0.018 U	0.0096 U	0.0054 U	0.012 U
Cobalt	2.7 J	NS	2.8 J	NS	NS	NS	NS
Copper	8.7	NS	12.7	NS	NS	NS	NS
Cyanide	NS	NS	NS	NS	NS	NS	NS
delta-BHC	NS	NS	NS	NS	NS	NS	NS
Dibenzo(a,h)anthracene	0.38 U	NS	0.39 U	NS	NS	NS	NS
Dibenzofuran	0.38 U	NS	0.39 U	NS	NS	NS	NS
Dichlorodifluoromethane	NS	NS	0.0055 U	0.018 U	0.0096 U	0.0054 U	0.012 U
Dieldrin	0.0037 U	NS	0.0039 U	NS	NS	NS	NS
Diethyl phthalate (b)	0.38 U	NS	0.018	NS	NS	NS	NS
Dimethyl phthalate	0.38 U	NS	0.39 U	NS	NS	NS	NS
Di-n-butyl phthalate (b)	0.38 U	NS	0.39 U	NS	NS	NS	NS
Di-n-octyl phthalate	0.38 U	NS	0.39 U	NS	NS	NS	NS
Endosulfan I	0.0019 U	NS	0.002 U	NS	NS	NS	NS
Endosulfan II	0.0037 U	NS	0.0039 U	NS	NS	NS	NS
Endosulfan sulfate	0.0037 U	NS	0.0039 U	NS	NS	NS	NS
Endrin	0.0037 U	NS	0.0039 U	NS	NS	NS	NS
Endrin aldehyde	0.0037 U	NS	0.0039 U	NS	NS	NS	NS
Endrin ketone	0.0037 U	NS	0.0039 U	NS	NS	NS	NS
Ethylbenzene	NS	NS	0.0055 U	0.018 U	0.0096 U	0.0054 U	0.012 U
Fluoranthene	0.22	NS	0.037	NS	NS	NS	NS
Fluorene	0.02	NS	0.39 U	NS	NS	NS	NS
Freon-113 (1,1,2-trichloro-1,2,2-trifluoroethane)	NS	NS	0.0055 U	0.018 U	0.0096 U	0.0054 U	0.012 U

**TABLE A-1**  
**Data Summary Table for Soil**

Sample Location: Sample Date: Unit: Start Depth (inches): End Depth (inches):	OCTBS-026 10/26/2011 mg/kg 63 73	OCTBS-026 10/26/2011 pg/g 63 73	OCTBS-027 10/25/2011 mg/kg 14 23	OCTBS-027 10/25/2011 mg/kg 23 36	OCTBS-027 10/25/2011 mg/kg 36 43	OCTBS-027 10/25/2011 mg/kg 43 55	OCTBS-027 10/25/2011 mg/kg 55 66
gamma-BHC (Lindane)	0.0019 U	NS	0.002 U	NS	NS	NS	NS
gamma-Chlordane	NS	NS	NS	NS	NS	NS	NS
Heptachlor	0.0018 J	NS	0.002 U	NS	NS	NS	NS
Heptachlor Epoxide	0.0019 U	NS	0.002 U	NS	NS	NS	NS
Hexachlorobenzene	0.38 U	NS	0.39 U	NS	NS	NS	NS
Hexachlorobutadiene	0.38 U	NS	0.39 U	NS	NS	NS	NS
Hexachlorocyclopentadiene	0.38 U	NS	0.39 U	NS	NS	NS	NS
Hexachloroethane	0.38 U	NS	0.39 U	NS	NS	NS	NS
Indeno(1,2,3-cd)pyrene	0.38 U	NS	0.39 U	NS	NS	NS	NS
Iron	7980 J	NS	7580 J	NS	NS	NS	NS
Isophorone	0.38 U	NS	0.39 U	NS	NS	NS	NS
Isopropylbenzene (Cumene)	NS	NS	0.0055 U	0.018 U	0.0096 U	0.0054 U	0.012 UJ
Lead	16.7	NS	26.7	NS	NS	NS	NS
Magnesium	26600	NS	10900	NS	NS	NS	NS
Manganese	208 J	NS	186 J	NS	NS	NS	NS
Mercury	0.1	NS	0.13	3.9	0.084	0.036 U	0.022
Methoxychlor	0.019 U	NS	0.02 U	NS	NS	NS	NS
Methyl isobutyl ketone (4-Methyl-2-pentanone)	NS	NS	0.0055 U	0.018 U	0.0096 U	0.0054 U	0.012 U
Methyl tertiary butyl ether (MTBE)	NS	NS	0.0055 U	0.018 U	0.0096 U	0.0054 U	0.012 U
Methylene chloride (Dichloromethane) (a)	NS	NS	0.0055 U	0.018 U	0.0011 J (b)	0.0013 J (b)	0.0021 J (b)
Naphthalene	0.38 U	NS	0.39 U	NS	NS	NS	NS
Nickel	12.9 J	NS	10 J	NS	NS	NS	NS
Nitrobenzene	0.38 U	NS	0.39 U	NS	NS	NS	NS
N-Nitrosodi-n-propylamine	0.38 U	NS	0.39 U	NS	NS	NS	NS
N-Nitrosodiphenylamine	0.44 U	NS	0.46 U	NS	NS	NS	NS
OCDD	NS	620	NS	NS	NS	NS	NS
OCDF	NS	14	NS	NS	NS	NS	NS
Pentachlorophenol	0.95 U	NS	0.99 U	NS	NS	NS	NS
Phenanthrene	0.15	NS	0.025	NS	NS	NS	NS
Phenol	0.38 U	NS	0.39 U	NS	NS	NS	NS
Potassium	251 J	NS	260 J	NS	NS	NS	NS
Pyrene	0.28	NS	0.057	NS	NS	NS	NS
Selenium	0.83 J	NS	2.9 U	NS	NS	NS	NS
Silver	0.87 U	NS	0.83 U	NS	NS	NS	NS
Sodium	116 J	NS	140 J	NS	NS	NS	NS
Styrene	NS	NS	0.0055 U	0.018 U	0.0096 U	0.0054 U	0.012 U
Tetrachloroethene (PCE)	NS	NS	0.0055 U	0.018 U	0.0096 U	0.0054 U	0.012 U
Thallium	0.41 J	NS	2.1 U	NS	NS	NS	NS
Toluene (a)	NS	NS	0.0055 U	0.0007 J (b)	0.001 J (b)	0.00019 J (b)	0.00073 J (b)
Toxaphene	0.19 U	NS	0.2 U	NS	NS	NS	NS
trans-1,2-Dichloroethene	NS	NS	0.0055 U	0.018 U	0.0096 U	0.0054 U	0.012 U
trans-1,3-Dichloropropene	NS	NS	0.0055 U	0.018 U	0.0096 U	0.0054 U	0.012 U
Trichloroethene (TCE)	NS	NS	0.0055 U	0.018 U	0.0096 U	0.0054 U	0.012 U
Trichlorofluoromethane	NS	NS	0.0055 U	0.018 U	0.0096 U	0.0054 U	0.012 U

TABLE A-1  
Data Summary Table for Soil

Sample Location: Sample Date: Unit: Start Depth (inches): End Depth (inches):	OCTBS-026 10/26/2011 mg/kg	OCTBS-026 10/26/2011 pg/g	OCTBS-027 10/25/2011 mg/kg	OCTBS-027 10/25/2011 mg/kg	OCTBS-027 10/25/2011 mg/kg	OCTBS-027 10/25/2011 mg/kg	OCTBS-027 10/25/2011 mg/kg
	63	63	14	23	36	43	55
	73	73	23	36	43	55	66
Vanadium	8.4	NS	9.7	NS	NS	NS	NS
Vinyl Chloride	NS	NS	0.0055 U	0.018 U	0.0096 U	0.0054 U	0.012 U
Xylenes, Total	NS	NS	0.0055 U	0.018 U	0.0096 U	0.0054 U	0.012 U
Zinc	41.4 J	NS	47.3 J	NS	NS	NS	NS

Notes:  
(a) Potential laboratory contaminant.  
(b) For potential lab contaminants: The detected value is  
J / B flagged and the result is less than the reporting  
limit; the sample is considered a non-detect.

TABLE A-1  
Data Summary Table for Soil

Sample Location: Sample Date: Unit: Start Depth (inches): End Depth (inches):	OCTBS-027 10/25/2011 pg/g	SL033 5/23/2001 pg/g
	14	12
	23	24
1,1,1-Trichloroethane	NS	NS
1,1,2,2-Tetrachloroethane	NS	NS
1,1,2-Trichloroethane	NS	NS
1,1-Dichloroethane	NS	NS
1,1-Dichloroethene	NS	NS
1,2,3,4,6,7,8,9-OCDD	NS	NS
1,2,3,4,6,7,8,9-OCDF	NS	NS
1,2,3,4,6,7,8-HpCDD	92	1563 J
1,2,3,4,6,7,8-HpCDF	14	201 J
1,2,3,4,7,8,9-HpCDF	0.79 J	0 U
1,2,3,4,7,8-HxCDD	0.52 J	0 U
1,2,3,4,7,8-HxCDF	0.96 J	0 U
1,2,3,6,7,8-HxCDD	3.4 J	45 J
1,2,3,6,7,8-HxCDF	0.53 J	44 J
1,2,3,7,8,9-HxCDD	1.6 J	0 J
1,2,3,7,8,9-HxCDF	5.7 U	0 U
1,2,3,7,8-PeCDD	5.7 UX	0 U
1,2,3,7,8-PeCDF	0.41 J	16 J
1,2,3-Trichlorobenzene	NS	NS
1,2,4,5-Tetrachlorobenzene	NS	NS
1,2,4-Trichlorobenzene	NS	NS
1,2-Dibromo-3-Chloropropane	NS	NS
1,2-Dibromoethane (Ethylene dibromide)	NS	NS
1,2-Dichlorobenzene	NS	NS
1,2-Dichloroethane	NS	NS
1,2-Dichloroethene (Total)	NS	NS
1,2-Dichloropropane	NS	NS
1,3-Dichlorobenzene	NS	NS
1,4-Dichlorobenzene	NS	NS
2,3,4,6,7,8-HxCDF	NS	NS
2,3,4,7,8-PeCDF	NS	NS
2,3,7,8-TCDD	2	149 J
2,3,7,8-TCDF	7.1	101 J
2,4,5-Trichlorophenol	NS	NS
2,4,6-Trichlorophenol	NS	NS
2,4-Dichlorophenol	NS	NS
2,4-Dimethylphenol	NS	NS
2,4-Dinitrophenol	NS	NS
2,4-Dinitrotoluene	NS	NS
2,6-Dinitrotoluene	NS	NS
2-Butanone (Methyl ethyl ketone) (a)	NS	NS
2-Chloronaphthalene	NS	NS
2-Chlorophenol	NS	NS
2-Hexanone	NS	NS

**TABLE A-1**  
**Data Summary Table for Soil**

	Sample Location:	OCTBS-027	SL033
	Sample Date:	10/25/2011	5/23/2001
	Unit:	pg/g	pg/g
	Start Depth (inches): End Depth (inches):	14 23	12 24
2-Methylnaphthalene		NS	NS
2-Methylphenol (o-Cresol)		NS	NS
2-Nitroaniline		NS	NS
2-Nitrophenol		NS	NS
3,3'-Dichlorobenzidine		NS	NS
3+4-Methylphenol (m,p-Cresol)		NS	NS
3-Nitroaniline		NS	NS
4,4'-DDD		NS	NS
4,4'-DDE		NS	NS
4,4'-DDT		NS	NS
4,6-Dinitro-2-Methylphenol		NS	NS
4-Bromophenyl phenyl ether		NS	NS
4-Chloro-3-Methylphenol		NS	NS
4-Chloroaniline		NS	NS
4-Chlorophenyl phenyl ether		NS	NS
4-Methylphenol (p-Cresol)		NS	NS
4-Nitroaniline		NS	NS
4-Nitrophenol		NS	NS
Acenaphthene		NS	NS
Acenaphthylene		NS	NS
Acetone (a)		NS	NS
Acetophenone		NS	NS
Aldrin		NS	NS
alpha-BHC		NS	NS
alpha-Chlordane		NS	NS
Aluminum		NS	NS
Anthracene		NS	NS
Antimony		NS	NS
Arsenic		NS	NS
Atrazine		NS	NS
Barium		NS	NS
Benzaldehyde		NS	NS
Benzene		NS	NS
Benzo(a)anthracene		NS	NS
Benzo(a)pyrene		NS	NS
Benzo(b)fluoranthene		NS	NS
Benzo(g,h,i)perylene		NS	NS
Benzo(k)fluoranthene		NS	NS
Beryllium		NS	NS
beta-BHC		NS	NS
beta-Chlordane		NS	NS
bis(2-Chloroethoxy)methane		NS	NS
bis(2-Chloroethyl)ether		NS	NS
bis(2-Chloroisopropyl)ether		NS	NS

**TABLE A-1**  
**Data Summary Table for Soil**

Sample Location: Sample Date: Unit: Start Depth (inches): End Depth (inches):	OCTBS-027 10/25/2011	SL033 5/23/2001
	pg/g	pg/g
	14	12
	23	24
bis(2-Ethylhexyl)phthalate (b)	NS	NS
Bromodichloromethane (Dichlorobromomethane)	NS	NS
Bromoform (Tribromomethane)	NS	NS
Bromomethane (Methyl bromide)	NS	NS
Butyl benzyl phthalate (b)	NS	NS
Cadmium	NS	NS
Calcium	NS	NS
Caprolactam	NS	NS
Carbazole	NS	NS
Carbon disulfide (a)	NS	NS
Carbon tetrachloride	NS	NS
Chlordane (technical)	NS	NS
Chlorobenzene	NS	NS
Chlorobromomethane (Bromochloromethane)	NS	NS
Chlorodibromomethane (Dibromochloromethane)	NS	NS
Chloroethane	NS	NS
Chloroform	NS	NS
Chloromethane (Methyl chloride)	NS	NS
Chromium	NS	NS
Chrysene	NS	NS
cis-1,2-Dichloroethene	NS	NS
cis-1,3-Dichloropropene	NS	NS
Cobalt	NS	NS
Copper	NS	NS
Cyanide	NS	NS
delta-BHC	NS	NS
Dibenzo(a,h)anthracene	NS	NS
Dibenzofuran	NS	NS
Dichlorodifluoromethane	NS	NS
Dieldrin	NS	NS
Diethyl phthalate (b)	NS	NS
Dimethyl phthalate	NS	NS
Di-n-butyl phthalate (b)	NS	NS
Di-n-octyl phthalate	NS	NS
Endosulfan I	NS	NS
Endosulfan II	NS	NS
Endosulfan sulfate	NS	NS
Endrin	NS	NS
Endrin aldehyde	NS	NS
Endrin ketone	NS	NS
Ethylbenzene	NS	NS
Fluoranthene	NS	NS
Fluorene	NS	NS
Freon-113 (1,1,2-trichloro-1,2,2-trifluoroethane)	NS	NS

TABLE A-1  
Data Summary Table for Soil

	Sample Location:	OCTBS-027	SL033
	Sample Date:	10/25/2011	5/23/2001
	Unit:	pg/g	pg/g
	Start Depth (inches): End Depth (inches):	14 23	12 24
gamma-BHC (Lindane)		NS	NS
gamma-Chlordane		NS	NS
Heptachlor		NS	NS
Heptachlor Epoxide		NS	NS
Hexachlorobenzene		NS	NS
Hexachlorobutadiene		NS	NS
Hexachlorocyclopentadiene		NS	NS
Hexachloroethane		NS	NS
Indeno(1,2,3-cd)pyrene		NS	NS
Iron		NS	NS
Isophorone		NS	NS
Isopropylbenzene (Cumene)		NS	NS
Lead		NS	NS
Magnesium		NS	NS
Manganese		NS	NS
Mercury		NS	NS
Methoxychlor		NS	NS
Methyl isobutyl ketone (4-Methyl-2-pentanone)		NS	NS
Methyl tertiary butyl ether (MTBE)		NS	NS
Methylene chloride (Dichloromethane) (a)		NS	NS
Naphthalene		NS	NS
Nickel		NS	NS
Nitrobenzene		NS	NS
N-Nitrosodi-n-propylamine		NS	NS
N-Nitrosodiphenylamine		NS	NS
OCDD		790	16000 J
OCDF		18	407 J
Pentachlorophenol		NS	NS
Phenanthrene		NS	NS
Phenol		NS	NS
Potassium		NS	NS
Pyrene		NS	NS
Selenium		NS	NS
Silver		NS	NS
Sodium		NS	NS
Styrene		NS	NS
Tetrachloroethene (PCE)		NS	NS
Thallium		NS	NS
Toluene (a)		NS	NS
Toxaphene		NS	NS
trans-1,2-Dichloroethene		NS	NS
trans-1,3-Dichloropropene		NS	NS
Trichloroethene (TCE)		NS	NS
Trichlorofluoromethane		NS	NS

TABLE A-1  
Data Summary Table for Soil

	Sample Location:	OCTBS-027	SL033
	Sample Date:	10/25/2011	5/23/2001
	Unit:	pg/g	pg/g
	Start Depth (inches):	14	12
	End Depth (inches):	23	24
Vanadium		NS	NS
Vinyl Chloride		NS	NS
Xylenes, Total		NS	NS
Zinc		NS	NS

Notes:  
(a) Potential laboratory contaminant.  
(b) For potential lab contaminants: The detected value is  
J / B flagged and the result is less than the reporting  
limit; the sample is considered a non-detect.

PREPARED BY/DATE: MKB 1/7/15  
CHECKED BY/DATE:SAG 1/12/15



**TABLE A-2**  
**Calculation of TCDD TEQ for Soil**  
**Area-Wide Non-PCB Constituent Screening Evaluation**

Sample Location	TEF	Analyte	Result Value	Result Qualifiers	Units	TEQ
OCIFP-008	0.01	1,2,3,4,6,7,8-HpCDD	3,200		pg/g	32
OCIFP-008	0.01	1,2,3,4,6,7,8-HpCDF	390		pg/g	3.9
OCIFP-008	0.01	1,2,3,4,7,8,9-HpCDF	0	UX	pg/g	0
OCIFP-008	0.1	1,2,3,4,7,8-HxCDD	12	J	pg/g	1.2
OCIFP-008	0.1	1,2,3,4,7,8-HxCDF	23	J	pg/g	2.3
OCIFP-008	0.1	1,2,3,6,7,8-HxCDD	94	J	pg/g	9.4
OCIFP-008	0.1	1,2,3,6,7,8-HxCDF	0	UX	pg/g	0
OCIFP-008	0.1	1,2,3,7,8,9-HxCDD	48	J	pg/g	4.8
OCIFP-008	0.1	1,2,3,7,8,9-HxCDF	0	U	pg/g	0
OCIFP-008	1	1,2,3,7,8-PeCDD	0	U	pg/g	0
OCIFP-008	0.03	1,2,3,7,8-PeCDF	0	U	pg/g	0
OCIFP-008	0.1	2,3,4,6,7,8-HxCDF	0	U	pg/g	0
OCIFP-008	0.3	2,3,4,7,8-PeCDF	0	U	pg/g	0
OCIFP-008	1	2,3,7,8-TCDD	0	UX	pg/g	0
OCIFP-008	0.1	2,3,7,8-TCDF	0	UX	pg/g	0
OCIFP-008	0.0003	OCDD	36,000		pg/g	10.8
OCIFP-008	0.0003	OCDF	930		pg/g	0.28
<b>TCDD TEQ</b>						<b>65</b>
OCIFP-038	0.01	1,2,3,4,6,7,8-HpCDD	11,000		pg/g	110
OCIFP-038	0.01	1,2,3,4,6,7,8-HpCDF	2,500		pg/g	25
OCIFP-038	0.01	1,2,3,4,7,8,9-HpCDF	75	J	pg/g	0.75
OCIFP-038	0.1	1,2,3,4,7,8-HxCDD	36	J	pg/g	3.6
OCIFP-038	0.1	1,2,3,4,7,8-HxCDF	79	J	pg/g	7.9
OCIFP-038	0.1	1,2,3,6,7,8-HxCDD	320		pg/g	32
OCIFP-038	0.1	1,2,3,6,7,8-HxCDF	47	J	pg/g	4.7
OCIFP-038	0.1	1,2,3,7,8,9-HxCDD	140	J	pg/g	14
OCIFP-038	0.1	1,2,3,7,8,9-HxCDF	0	U	pg/g	0
OCIFP-038	1	1,2,3,7,8-PeCDD	0	UX	pg/g	0
OCIFP-038	0.03	1,2,3,7,8-PeCDF	0	UX	pg/g	0
OCIFP-038	0.1	2,3,4,6,7,8-HxCDF	0	UX	pg/g	0
OCIFP-038	0.3	2,3,4,7,8-PeCDF	0.0	UX	pg/g	0
OCIFP-038	1	2,3,7,8-TCDD	88		pg/g	88
OCIFP-038	0.1	2,3,7,8-TCDF	210		pg/g	21
OCIFP-038	0.0003	OCDD	94,000		pg/g	28.2
OCIFP-038	0.0003	OCDF	2,400		pg/g	0.72
<b>TCDD TEQ</b>						<b>336</b>
OES4-2	0.0003	1,2,3,4,6,7,8,9-OCDD	35,000	J	pg/g	10.5
OES4-2	0.0003	1,2,3,4,6,7,8,9-OCDF	1,500		pg/g	0.45
OES4-2	0.01	1,2,3,4,6,7,8-HpCDD	4,400		pg/g	44
OES4-2	0.01	1,2,3,4,6,7,8-HpCDF	890	J	pg/g	8.9
OES4-2	0.01	1,2,3,4,7,8,9-HpCDF	36		pg/g	0.36
OES4-2	0.1	1,2,3,4,7,8-HxCDD	19		pg/g	1.9
OES4-2	0.1	1,2,3,4,7,8-HxCDF	44	J	pg/g	4.4
OES4-2	0.1	1,2,3,6,7,8-HxCDD	120		pg/g	12
OES4-2	0.1	1,2,3,6,7,8-HxCDF	50	J	pg/g	5
OES4-2	0.1	1,2,3,7,8,9-HxCDD	65	J	pg/g	6.5
OES4-2	0.1	1,2,3,7,8,9-HxCDF	0	U	pg/g	0
OES4-2	1	1,2,3,7,8-PeCDD	0	U	pg/g	0
OES4-2	0.03	1,2,3,7,8-PeCDF	3.9	JQ	pg/g	0.117
OES4-2	0.1	2,3,4,6,7,8-HxCDF	0	U	pg/g	0
OES4-2	0.3	2,3,4,7,8-PeCDF	0	U	pg/g	0
OES4-2	1	2,3,7,8-TCDD	12		pg/g	12
OES4-2	0.1	2,3,7,8-TCDF	42	J	pg/g	4.2
<b>TCDD TEQ</b>						<b>110</b>

**TABLE A-2**  
**Calculation of TCDD TEQ for Soil**  
**Area-Wide Non-PCB Constituent Screening Evaluation**

Sample Location	TEF	Analyte	Result Value	Result Qualifiers	Units	TEQ
OES5-4	0.0003	1,2,3,4,6,7,8,9-OCDD	69,000	J	pg/g	20.7
OES5-4	0.0003	1,2,3,4,6,7,8,9-OCDF	2,800	J	pg/g	0.84
OES5-4	0.01	1,2,3,4,6,7,8-HpCDD	9,000		pg/g	90
OES5-4	0.01	1,2,3,4,6,7,8-HpCDF	4,700		pg/g	47
OES5-4	0.01	1,2,3,4,7,8,9-HpCDF	68		pg/g	0.68
OES5-4	0.1	1,2,3,4,7,8-HxCDD	42		pg/g	4.2
OES5-4	0.1	1,2,3,4,7,8-HxCDF	88	J	pg/g	8.8
OES5-4	0.1	1,2,3,6,7,8-HxCDD	400		pg/g	40
OES5-4	0.1	1,2,3,6,7,8-HxCDF	140	J	pg/g	14
OES5-4	0.1	1,2,3,7,8,9-HxCDD	200	J	pg/g	20
OES5-4	0.1	1,2,3,7,8,9-HxCDF	5.2	JQ	pg/g	0.52
OES5-4	1	1,2,3,7,8-PeCDD	18	JQ	pg/g	18
OES5-4	0.03	1,2,3,7,8-PeCDF	0	U	pg/g	0
OES5-4	0.1	2,3,4,6,7,8-HxCDF	45		pg/g	4.5
OES5-4	0.3	2,3,4,7,8-PeCDF	31		pg/g	9.3
OES5-4	1	2,3,7,8-TCDD	6.2	J	pg/g	6.2
OES5-4	0.1	2,3,7,8-TCDF	26		pg/g	2.6
<b>TCDD TEQ</b>						<b>287</b>
OES6-4	0.0003	1,2,3,4,6,7,8,9-OCDD	2,500		pg/g	0.75
OES6-4	0.0003	1,2,3,4,6,7,8,9-OCDF	65	JQ	pg/g	0.020
OES6-4	0.01	1,2,3,4,6,7,8-HpCDD	260		pg/g	2.6
OES6-4	0.01	1,2,3,4,6,7,8-HpCDF	41	JQ	pg/g	0.41
OES6-4	0.01	1,2,3,4,7,8,9-HpCDF	3.5	JQ	pg/g	0.035
OES6-4	0.1	1,2,3,4,7,8-HxCDD	0	U	pg/g	0
OES6-4	0.1	1,2,3,4,7,8-HxCDF	0	U	pg/g	0
OES6-4	0.1	1,2,3,6,7,8-HxCDD	0	U	pg/g	0
OES6-4	0.1	1,2,3,6,7,8-HxCDF	0	U	pg/g	0
OES6-4	0.1	1,2,3,7,8,9-HxCDD	5.8	JQ	pg/g	0.58
OES6-4	0.1	1,2,3,7,8,9-HxCDF	0	U	pg/g	0
OES6-4	1	1,2,3,7,8-PeCDD	0	U	pg/g	0
OES6-4	0.03	1,2,3,7,8-PeCDF	0	U	pg/g	0
OES6-4	0.1	2,3,4,6,7,8-HxCDF	2.3	JQ	pg/g	0.23
OES6-4	0.3	2,3,4,7,8-PeCDF	1.1	JQ	pg/g	0.33
OES6-4	1	2,3,7,8-TCDD	3.7	JQ	pg/g	3.7
OES6-4	0.1	2,3,7,8-TCDF	18	J	pg/g	1.8
<b>TCDD TEQ</b>						<b>10</b>
OFP-002	0.0003	1,2,3,4,6,7,8,9-OCDD	83,000	J	pg/g	25
OFP-002	0.0003	1,2,3,4,6,7,8,9-OCDF	3,100		pg/g	0.93
OFP-002	0.01	1,2,3,4,6,7,8-HpCDD	10,000		pg/g	100
OFP-002	0.01	1,2,3,4,6,7,8-HpCDF	1,800	J	pg/g	18
OFP-002	0.01	1,2,3,4,7,8,9-HpCDF	84		pg/g	0.84
OFP-002	0.1	1,2,3,4,7,8-HxCDD	42	JQ	pg/g	4.2
OFP-002	0.1	1,2,3,4,7,8-HxCDF	86	J	pg/g	8.6
OFP-002	0.1	1,2,3,6,7,8-HxCDD	270		pg/g	27
OFP-002	0.1	1,2,3,6,7,8-HxCDF	91	J	pg/g	9.1
OFP-002	0.1	1,2,3,7,8,9-HxCDD	150	J	pg/g	15
OFP-002	0.1	1,2,3,7,8,9-HxCDF	0	U	pg/g	0
OFP-002	1	1,2,3,7,8-PeCDD	0	U	pg/g	0
OFP-002	0.03	1,2,3,7,8-PeCDF	0	U	pg/g	0
OFP-002	0.1	2,3,4,6,7,8-HxCDF	0	U	pg/g	0
OFP-002	0.3	2,3,4,7,8-PeCDF	0	U	pg/g	0
OFP-002	1	2,3,7,8-TCDD	51		pg/g	51
OFP-002	0.1	2,3,7,8-TCDF	190		pg/g	19
<b>TCDD TEQ</b>						<b>279</b>
OFP-025	0.0003	1,2,3,4,6,7,8,9-OCDD	790		pg/g	0.237
OFP-025	0.0003	1,2,3,4,6,7,8,9-OCDF	21	JQ	pg/g	0.0063
OFP-025	0.01	1,2,3,4,6,7,8-HpCDD	92		pg/g	0.92
OFP-025	0.01	1,2,3,4,6,7,8-HpCDF	14	JQ	pg/g	0.14
OFP-025	0.01	1,2,3,4,7,8,9-HpCDF	0	U	pg/g	0
OFP-025	0.1	1,2,3,4,7,8-HxCDD	0	U	pg/g	0
OFP-025	0.1	1,2,3,4,7,8-HxCDF	0	U	pg/g	0

**TABLE A-2**  
**Calculation of TCDD TEQ for Soil**  
**Area-Wide Non-PCB Constituent Screening Evaluation**

Sample Location	TEF	Analyte	Result Value	Result Qualifiers	Units	TEQ
OFP-025	0.1	1,2,3,6,7,8-HxCDD	4.2	JQ	pg/g	0.42
OFP-025	0.1	1,2,3,6,7,8-HxCDF	0	U	pg/g	0
OFP-025	0.1	1,2,3,7,8,9-HxCDD	0	U	pg/g	0
OFP-025	0.1	1,2,3,7,8,9-HxCDF	0	U	pg/g	0
OFP-025	1	1,2,3,7,8-PeCDD	0	U	pg/g	0
OFP-025	0.03	1,2,3,7,8-PeCDF	6.4	JQ	pg/g	0.192
OFP-025	0.1	2,3,4,6,7,8-HxCDF	0	U	pg/g	0
OFP-025	0.3	2,3,4,7,8-PeCDF	0	U	pg/g	0
OFP-025	1	2,3,7,8-TCDD	0	U	pg/g	0
OFP-025	0.1	2,3,7,8-TCDF	54		pg/g	5.4
<b>TCDD TEQ</b>						<b>7.3</b>
OFP-031	0.0003	1,2,3,4,6,7,8,9-OCDD	1,600		pg/g	0.48
OFP-031	0.0003	1,2,3,4,6,7,8,9-OCDF	56		pg/g	0.017
OFP-031	0.01	1,2,3,4,6,7,8-HpCDD	190		pg/g	1.9
OFP-031	0.01	1,2,3,4,6,7,8-HpCDF	22	JQ	pg/g	0.22
OFP-031	0.01	1,2,3,4,7,8,9-HpCDF	0	U	pg/g	0
OFP-031	0.1	1,2,3,4,7,8-HxCDD	1.2	JQ	pg/g	0.12
OFP-031	0.1	1,2,3,4,7,8-HxCDF	0	U	pg/g	0
OFP-031	0.1	1,2,3,6,7,8-HxCDD	0	U	pg/g	0
OFP-031	0.1	1,2,3,6,7,8-HxCDF	0	U	pg/g	0
OFP-031	0.1	1,2,3,7,8,9-HxCDD	0	U	pg/g	0
OFP-031	0.1	1,2,3,7,8,9-HxCDF	0	U	pg/g	0
OFP-031	1	1,2,3,7,8-PeCDD	0	U	pg/g	0
OFP-031	0.03	1,2,3,7,8-PeCDF	0	U	pg/g	0
OFP-031	0.1	2,3,4,6,7,8-HxCDF	0	U	pg/g	0
OFP-031	0.3	2,3,4,7,8-PeCDF	0	U	pg/g	0
OFP-031	1	2,3,7,8-TCDD	3.2	JQ	pg/g	3.2
OFP-031	0.1	2,3,7,8-TCDF	12	J	pg/g	1.2
<b>TCDD TEQ</b>						<b>7.1</b>
OFP-036	0.0003	1,2,3,4,6,7,8,9-OCDD	4,600		pg/g	1.4
OFP-036	0.0003	1,2,3,4,6,7,8,9-OCDF	170	J	pg/g	0.051
OFP-036	0.01	1,2,3,4,6,7,8-HpCDD	740		pg/g	7.4
OFP-036	0.01	1,2,3,4,6,7,8-HpCDF	310		pg/g	3.1
OFP-036	0.01	1,2,3,4,7,8,9-HpCDF	6.2	JQ	pg/g	0.062
OFP-036	0.1	1,2,3,4,7,8-HxCDD	6.7	JQ	pg/g	0.67
OFP-036	0.1	1,2,3,4,7,8-HxCDF	0	U	pg/g	0
OFP-036	0.1	1,2,3,6,7,8-HxCDD	40		pg/g	4.0
OFP-036	0.1	1,2,3,6,7,8-HxCDF	14	J	pg/g	1.4
OFP-036	0.1	1,2,3,7,8,9-HxCDD	25	J	pg/g	2.5
OFP-036	0.1	1,2,3,7,8,9-HxCDF	0.71	JQ	pg/g	0.071
OFP-036	1	1,2,3,7,8-PeCDD	3.0	JQ	pg/g	3.0
OFP-036	0.03	1,2,3,7,8-PeCDF	0	U	pg/g	0
OFP-036	0.1	2,3,4,6,7,8-HxCDF	4.6	JQ	pg/g	0.46
OFP-036	0.3	2,3,4,7,8-PeCDF	2.4	JQ	pg/g	0.72
OFP-036	1	2,3,7,8-TCDD	0	U	pg/g	0
OFP-036	0.1	2,3,7,8-TCDF	5.3		pg/g	0.53
<b>TCDD TEQ</b>						<b>25</b>
OFP-046	0.0003	1,2,3,4,6,7,8,9-OCDD	88,000	J	pg/g	26
OFP-046	0.0003	1,2,3,4,6,7,8,9-OCDF	3,200		pg/g	1
OFP-046	0.01	1,2,3,4,6,7,8-HpCDD	11,000		pg/g	110
OFP-046	0.01	1,2,3,4,6,7,8-HpCDF	2,000		pg/g	20
OFP-046	0.01	1,2,3,4,7,8,9-HpCDF	110		pg/g	1
OFP-046	0.1	1,2,3,4,7,8-HxCDD	54	JQ	pg/g	5
OFP-046	0.1	1,2,3,4,7,8-HxCDF	120	J	pg/g	12
OFP-046	0.1	1,2,3,6,7,8-HxCDD	340		pg/g	34
OFP-046	0.1	1,2,3,6,7,8-HxCDF	100	J	pg/g	10
OFP-046	0.1	1,2,3,7,8,9-HxCDD	210	J	pg/g	21
OFP-046	0.1	1,2,3,7,8,9-HxCDF	0	U	pg/g	0
OFP-046	1	1,2,3,7,8-PeCDD	0	U	pg/g	0
OFP-046	0.03	1,2,3,7,8-PeCDF	0	U	pg/g	0

**TABLE A-2**  
**Calculation of TCDD TEQ for Soil**  
**Area-Wide Non-PCB Constituent Screening Evaluation**

Sample Location	TEF	Analyte	Result Value	Result Qualifiers	Units	TEQ
OFP-046	0.1	2,3,4,6,7,8-HxCDF	31	JQ	pg/g	3
OFP-046	0.3	2,3,4,7,8-PeCDF	0	U	pg/g	0
OFP-046	1	2,3,7,8-TCDD	50	J	pg/g	50
OFP-046	0.1	2,3,7,8-TCDF	160		pg/g	16
<b>TCDD TEQ</b>						<b>310</b>
OFP-050	0.0003	1,2,3,4,6,7,8,9-OCDD	60,000		pg/g	18
OFP-050	0.0003	1,2,3,4,6,7,8,9-OCDF	2,400		pg/g	0.72
OFP-050	0.01	1,2,3,4,6,7,8-HpCDD	8,400		pg/g	84
OFP-050	0.01	1,2,3,4,6,7,8-HpCDF	2,100		pg/g	21
OFP-050	0.01	1,2,3,4,7,8,9-HpCDF	80		pg/g	0.8
OFP-050	0.1	1,2,3,4,7,8-HxCDD	45	JQ	pg/g	4.5
OFP-050	0.1	1,2,3,4,7,8-HxCDF	97	J	pg/g	9.7
OFP-050	0.1	1,2,3,6,7,8-HxCDD	290		pg/g	29
OFP-050	0.1	1,2,3,6,7,8-HxCDF	110	J	pg/g	11
OFP-050	0.1	1,2,3,7,8,9-HxCDD	150		pg/g	15
OFP-050	0.1	1,2,3,7,8,9-HxCDF	0	U	pg/g	0
OFP-050	1	1,2,3,7,8-PeCDD	0	U	pg/g	0
OFP-050	0.03	1,2,3,7,8-PeCDF	0	U	pg/g	0
OFP-050	0.1	2,3,4,6,7,8-HxCDF	30	JQ	pg/g	3
OFP-050	0.3	2,3,4,7,8-PeCDF	0	U	pg/g	0
OFP-050	1	2,3,7,8-TCDD	25		pg/g	25
OFP-050	0.1	2,3,7,8-TCDF	94		pg/g	9.4
<b>TCDD TEQ</b>						<b>231</b>
OFP-068	0.0003	1,2,3,4,6,7,8,9-OCDD	38,000	J	pg/g	11
OFP-068	0.0003	1,2,3,4,6,7,8,9-OCDF	1,300		pg/g	0.39
OFP-068	0.01	1,2,3,4,6,7,8-HpCDD	4,700		pg/g	47
OFP-068	0.01	1,2,3,4,6,7,8-HpCDF	790		pg/g	7.9
OFP-068	0.01	1,2,3,4,7,8,9-HpCDF	38		pg/g	0.38
OFP-068	0.1	1,2,3,4,7,8-HxCDD	20	JQ	pg/g	2.0
OFP-068	0.1	1,2,3,4,7,8-HxCDF	44	J	pg/g	4.4
OFP-068	0.1	1,2,3,6,7,8-HxCDD	120		pg/g	12
OFP-068	0.1	1,2,3,6,7,8-HxCDF	44	J	pg/g	4.4
OFP-068	0.1	1,2,3,7,8,9-HxCDD	72	J	pg/g	7.2
OFP-068	0.1	1,2,3,7,8,9-HxCDF	0	U	pg/g	0
OFP-068	1	1,2,3,7,8-PeCDD	0	U	pg/g	0
OFP-068	0.03	1,2,3,7,8-PeCDF	3.3	JQ	pg/g	0.099
OFP-068	0.1	2,3,4,6,7,8-HxCDF	12	JQ	pg/g	1.2
OFP-068	0.3	2,3,4,7,8-PeCDF	8.3	JQ	pg/g	2.5
OFP-068	1	2,3,7,8-TCDD	16		pg/g	16
OFP-068	0.1	2,3,7,8-TCDF	48		pg/g	4.8
<b>TCDD TEQ</b>						<b>122</b>
OFP-076	0.0003	1,2,3,4,6,7,8,9-OCDD	230		pg/g	0.069
OFP-076	0.0003	1,2,3,4,6,7,8,9-OCDF	8.7	JQ	pg/g	0.0026
OFP-076	0.01	1,2,3,4,6,7,8-HpCDD	24		pg/g	0.24
OFP-076	0.01	1,2,3,4,6,7,8-HpCDF	5.2	JQ	pg/g	0.052
OFP-076	0.01	1,2,3,4,7,8,9-HpCDF	0	U	pg/g	0
OFP-076	0.1	1,2,3,4,7,8-HxCDD	0	U	pg/g	0
OFP-076	0.1	1,2,3,4,7,8-HxCDF	0	U	pg/g	0
OFP-076	0.1	1,2,3,6,7,8-HxCDD	0	U	pg/g	0
OFP-076	0.1	1,2,3,6,7,8-HxCDF	0	U	pg/g	0
OFP-076	0.1	1,2,3,7,8,9-HxCDD	0.54	B	pg/g	0.054
OFP-076	0.1	1,2,3,7,8,9-HxCDF	0	U	pg/g	0
OFP-076	1	1,2,3,7,8-PeCDD	0	U	pg/g	0
OFP-076	0.03	1,2,3,7,8-PeCDF	0	U	pg/g	0
OFP-076	0.1	2,3,4,6,7,8-HxCDF	0	U	pg/g	0
OFP-076	0.3	2,3,4,7,8-PeCDF	0	U	pg/g	0
OFP-076	1	2,3,7,8-TCDD	0	U	pg/g	0
OFP-076	0.1	2,3,7,8-TCDF	2.3	J	pg/g	0.23
<b>TCDD TEQ</b>						<b>0.65</b>

**TABLE A-2**  
**Calculation of TCDD TEQ for Soil**  
**Area-Wide Non-PCB Constituent Screening Evaluation**

Sample Location	TEF	Analyte	Result Value	Result Qualifiers	Units	TEQ
OTBN-17	0.0003	1,2,3,4,6,7,8,9-OCDD	5,600		pg/g	1.7
OTBN-17	0.0003	1,2,3,4,6,7,8,9-OCDF	180	J	pg/g	0.054
OTBN-17	0.01	1,2,3,4,6,7,8-HpCDD	590		pg/g	5.9
OTBN-17	0.01	1,2,3,4,6,7,8-HpCDF	99		pg/g	0.99
OTBN-17	0.01	1,2,3,4,7,8,9-HpCDF	6.3	JQ	pg/g	0.063
OTBN-17	0.1	1,2,3,4,7,8-HxCDD	4.2	JQ	pg/g	0.42
OTBN-17	0.1	1,2,3,4,7,8-HxCDF	0	U	pg/g	0
OTBN-17	0.1	1,2,3,6,7,8-HxCDD	20		pg/g	2.0
OTBN-17	0.1	1,2,3,6,7,8-HxCDF	0	U	pg/g	0
OTBN-17	0.1	1,2,3,7,8,9-HxCDD	0	U	pg/g	0
OTBN-17	0.1	1,2,3,7,8,9-HxCDF	0	U	pg/g	0
OTBN-17	1	1,2,3,7,8-PeCDD	0	U	pg/g	0
OTBN-17	0.03	1,2,3,7,8-PeCDF	0	U	pg/g	0
OTBN-17	0.1	2,3,4,6,7,8-HxCDF	0	U	pg/g	0
OTBN-17	0.3	2,3,4,7,8-PeCDF	0	U	pg/g	0
OTBN-17	1	2,3,7,8-TCDD	6.8		pg/g	6.8
OTBN-17	0.1	2,3,7,8-TCDF	31		pg/g	3.1
<b>TCDD TEQ</b>						<b>21</b>
OTBN-18	0.0003	1,2,3,4,6,7,8,9-OCDD	18,000	J	pg/g	5.4
OTBN-18	0.0003	1,2,3,4,6,7,8,9-OCDF	460	J	pg/g	0.138
OTBN-18	0.01	1,2,3,4,6,7,8-HpCDD	1,800		pg/g	18
OTBN-18	0.01	1,2,3,4,6,7,8-HpCDF	250		pg/g	2.5
OTBN-18	0.01	1,2,3,4,7,8,9-HpCDF	16.0	JQ	pg/g	0.16
OTBN-18	0.1	1,2,3,4,7,8-HxCDD	9.0	JQ	pg/g	0.9
OTBN-18	0.1	1,2,3,4,7,8-HxCDF	25	J	pg/g	2.5
OTBN-18	0.1	1,2,3,6,7,8-HxCDD	59		pg/g	5.9
OTBN-18	0.1	1,2,3,6,7,8-HxCDF	24	J	pg/g	2.4
OTBN-18	0.1	1,2,3,7,8,9-HxCDD	27		pg/g	2.7
OTBN-18	0.1	1,2,3,7,8,9-HxCDF	0	U	pg/g	0
OTBN-18	1	1,2,3,7,8-PeCDD	0	U	pg/g	0
OTBN-18	0.03	1,2,3,7,8-PeCDF	0	U	pg/g	0
OTBN-18	0.1	2,3,4,6,7,8-HxCDF	6	JQ	pg/g	0.61
OTBN-18	0.3	2,3,4,7,8-PeCDF	9	JQ	pg/g	2.76
OTBN-18	1	2,3,7,8-TCDD	33.0		pg/g	33
OTBN-18	0.1	2,3,7,8-TCDF	74		pg/g	7.4
<b>TCDD TEQ</b>						<b>84</b>
OTBN-20	0.0003	1,2,3,4,6,7,8,9-OCDD	72,000	J	pg/g	21.6
OTBN-20	0.0003	1,2,3,4,6,7,8,9-OCDF	2,600		pg/g	0.78
OTBN-20	0.01	1,2,3,4,6,7,8-HpCDD	8,100		pg/g	81
OTBN-20	0.01	1,2,3,4,6,7,8-HpCDF	1,500		pg/g	15
OTBN-20	0.01	1,2,3,4,7,8,9-HpCDF	83.0		pg/g	0.83
OTBN-20	0.1	1,2,3,4,7,8-HxCDD	0.0	U	pg/g	0
OTBN-20	0.1	1,2,3,4,7,8-HxCDF	100	J	pg/g	10
OTBN-20	0.1	1,2,3,6,7,8-HxCDD	240		pg/g	24.0
OTBN-20	0.1	1,2,3,6,7,8-HxCDF	89	J	pg/g	8.9
OTBN-20	0.1	1,2,3,7,8,9-HxCDD	120		pg/g	12
OTBN-20	0.1	1,2,3,7,8,9-HxCDF	0	U	pg/g	0
OTBN-20	1	1,2,3,7,8-PeCDD	0	U	pg/g	0
OTBN-20	0.03	1,2,3,7,8-PeCDF	6	JQ	pg/g	0.189
OTBN-20	0.1	2,3,4,6,7,8-HxCDF	18	JQ	pg/g	1.8
OTBN-20	0.3	2,3,4,7,8-PeCDF	17	JQ	pg/g	5.1
OTBN-20	1	2,3,7,8-TCDD	33.0		pg/g	33
OTBN-20	0.1	2,3,7,8-TCDF	150		pg/g	15
<b>TCDD TEQ</b>						<b>229</b>

**TABLE A-2**  
**Calculation of TCDD TEQ for Soil**  
**Area-Wide Non-PCB Constituent Screening Evaluation**

Sample Location	TEF	Analyte	Result Value	Result Qualifiers	Units	TEQ
OTBS-08	0.0003	1,2,3,4,6,7,8,9-OCDD	9,300		pg/g	2.8
OTBS-08	0.0003	1,2,3,4,6,7,8,9-OCDF	280		pg/g	0.084
OTBS-08	0.01	1,2,3,4,6,7,8-HpCDD	1,100		pg/g	11
OTBS-08	0.01	1,2,3,4,6,7,8-HpCDF	170		pg/g	1.7
OTBS-08	0.01	1,2,3,4,7,8,9-HpCDF	0.0	U	pg/g	0
OTBS-08	0.1	1,2,3,4,7,8-HxCDD	0.0	U	pg/g	0
OTBS-08	0.1	1,2,3,4,7,8-HxCDF	0	U	pg/g	0
OTBS-08	0.1	1,2,3,6,7,8-HxCDD	33		pg/g	3.3
OTBS-08	0.1	1,2,3,6,7,8-HxCDF	14	J	pg/g	1.4
OTBS-08	0.1	1,2,3,7,8,9-HxCDD	19	J	pg/g	1.9
OTBS-08	0.1	1,2,3,7,8,9-HxCDF	1	JQ	pg/g	0.11
OTBS-08	1	1,2,3,7,8-PeCDD	0	U	pg/g	0
OTBS-08	0.03	1,2,3,7,8-PeCDF	3	JQ	pg/g	0.102
OTBS-08	0.1	2,3,4,6,7,8-HxCDF	0	U	pg/g	0
OTBS-08	0.3	2,3,4,7,8-PeCDF	0	U	pg/g	0
OTBS-08	1	2,3,7,8-TCDD	19.0		pg/g	19
OTBS-08	0.1	2,3,7,8-TCDF	65	J	pg/g	6.5
<b>TCDD TEQ</b>						<b>48</b>
OTBS-17	0.0003	1,2,3,4,6,7,8,9-OCDD	26,000	J	pg/g	7.8
OTBS-17	0.0003	1,2,3,4,6,7,8,9-OCDF	710		pg/g	0.213
OTBS-17	0.01	1,2,3,4,6,7,8-HpCDD	2,400		pg/g	24
OTBS-17	0.01	1,2,3,4,6,7,8-HpCDF	250		pg/g	2.5
OTBS-17	0.01	1,2,3,4,7,8,9-HpCDF	22.0	J	pg/g	0.22
OTBS-17	0.1	1,2,3,4,7,8-HxCDD	11.0	JQ	pg/g	1.1
OTBS-17	0.1	1,2,3,4,7,8-HxCDF	27	J	pg/g	2.7
OTBS-17	0.1	1,2,3,6,7,8-HxCDD	71		pg/g	7.1
OTBS-17	0.1	1,2,3,6,7,8-HxCDF	23	J	pg/g	2.3
OTBS-17	0.1	1,2,3,7,8,9-HxCDD	34	J	pg/g	3.4
OTBS-17	0.1	1,2,3,7,8,9-HxCDF	0	U	pg/g	0
OTBS-17	1	1,2,3,7,8-PeCDD	0	U	pg/g	0
OTBS-17	0.03	1,2,3,7,8-PeCDF	4	JQ	pg/g	0.132
OTBS-17	0.1	2,3,4,6,7,8-HxCDF	0	U	pg/g	0
OTBS-17	0.3	2,3,4,7,8-PeCDF	9	JQ	pg/g	2.82
OTBS-17	1	2,3,7,8-TCDD	49.0		pg/g	49
OTBS-17	0.1	2,3,7,8-TCDF	160	J	pg/g	16
<b>TCDD TEQ</b>						<b>119</b>
OTBS-32	0.0003	1,2,3,4,6,7,8,9-OCDD	7,800		pg/g	2.3
OTBS-32	0.0003	1,2,3,4,6,7,8,9-OCDF	270		pg/g	0.081
OTBS-32	0.01	1,2,3,4,6,7,8-HpCDD	900		pg/g	9
OTBS-32	0.01	1,2,3,4,6,7,8-HpCDF	93		pg/g	0.93
OTBS-32	0.01	1,2,3,4,7,8,9-HpCDF	7.0	JQ	pg/g	0.07
OTBS-32	0.1	1,2,3,4,7,8-HxCDD	4.0	JQ	pg/g	0.4
OTBS-32	0.1	1,2,3,4,7,8-HxCDF	0	U	pg/g	0
OTBS-32	0.1	1,2,3,6,7,8-HxCDD	20	JQ	pg/g	2.0
OTBS-32	0.1	1,2,3,6,7,8-HxCDF	0	U	pg/g	0
OTBS-32	0.1	1,2,3,7,8,9-HxCDD	0	U	pg/g	0
OTBS-32	0.1	1,2,3,7,8,9-HxCDF	0	U	pg/g	0
OTBS-32	1	1,2,3,7,8-PeCDD	0	U	pg/g	0
OTBS-32	0.03	1,2,3,7,8-PeCDF	0	U	pg/g	0
OTBS-32	0.1	2,3,4,6,7,8-HxCDF	0	U	pg/g	0
OTBS-32	0.3	2,3,4,7,8-PeCDF	0	U	pg/g	0
OTBS-32	1	2,3,7,8-TCDD	15.0		pg/g	15
OTBS-32	0.1	2,3,7,8-TCDF	59		pg/g	5.9
<b>TCDD TEQ</b>						<b>36</b>

**TABLE A-2**  
**Calculation of TCDD TEQ for Soil**  
**Area-Wide Non-PCB Constituent Screening Evaluation**

Sample Location	TEF	Analyte	Result Value	Result Qualifiers	Units	TEQ
OCIFP-048	0.01	1,2,3,4,6,7,8-HpCDD	9,100		pg/g	91.0
OCIFP-048	0.01	1,2,3,4,6,7,8-HpCDF	1,900		pg/g	19
OCIFP-048	0.01	1,2,3,4,7,8,9-HpCDF	91	J	pg/g	0.91
OCIFP-048	0.1	1,2,3,4,7,8-HxCDD	51	J	pg/g	5.1
OCIFP-048	0.1	1,2,3,4,7,8-HxCDF	97.0	J	pg/g	9.7
OCIFP-048	0.1	1,2,3,6,7,8-HxCDD	310.0		pg/g	31
OCIFP-048	0.1	1,2,3,6,7,8-HxCDF	0	UX	pg/g	0
OCIFP-048	0.1	1,2,3,7,8,9-HxCDD	180	J	pg/g	18.0
OCIFP-048	0.1	1,2,3,7,8,9-HxCDF	17	J	pg/g	1.7
OCIFP-048	1	1,2,3,7,8-PeCDD	0	UX	pg/g	0
OCIFP-048	0.03	1,2,3,7,8-PeCDF	31	J	pg/g	0.93
OCIFP-048	0.1	2,3,4,6,7,8-HxCDF	29	J	pg/g	2.9
OCIFP-048	0.3	2,3,4,7,8-PeCDF	32	J	pg/g	9.6
OCIFP-048	1	2,3,7,8-TCDD	28	J	pg/g	28
OCIFP-048	0.1	2,3,7,8-TCDF	110	J	pg/g	11
OCIFP-048	0.0003	OCDD	75,000.0		pg/g	22.5
OCIFP-048	0.0003	OCDF	1,800		pg/g	0.54
<b>TCDD TEQ:</b>						<b>252</b>
OCIFP-120	0.01	1,2,3,4,6,7,8-HpCDD	54		pg/g	0.5
OCIFP-120	0.01	1,2,3,4,6,7,8-HpCDF	15		pg/g	0.15
OCIFP-120	0.01	1,2,3,4,7,8,9-HpCDF	0	UX	pg/g	0
OCIFP-120	0.1	1,2,3,4,7,8-HxCDD	0	J	pg/g	0.034
OCIFP-120	0.1	1,2,3,4,7,8-HxCDF	0.5	J	pg/g	0.054
OCIFP-120	0.1	1,2,3,6,7,8-HxCDD	1.8	J	pg/g	0.18
OCIFP-120	0.1	1,2,3,6,7,8-HxCDF	0	UX	pg/g	0
OCIFP-120	0.1	1,2,3,7,8,9-HxCDD	1	J	pg/g	0.1
OCIFP-120	0.1	1,2,3,7,8,9-HxCDF	0	U	pg/g	0
OCIFP-120	1	1,2,3,7,8-PeCDD	0	UX	pg/g	0
OCIFP-120	0.03	1,2,3,7,8-PeCDF	0	U	pg/g	0

**TABLE A-2**  
**Calculation of TCDD TEQ for Soil**  
**Area-Wide Non-PCB Constituent Screening Evaluation**

Sample Location	TEF	Analyte	Result Value	Result Qualifiers	Units	TEQ
OCIFP-120	0.1	2,3,4,6,7,8-HxCDF	0	J	pg/g	0.019
OCIFP-120	0.3	2,3,4,7,8-PeCDF	0	U	pg/g	0
OCIFP-120	1	2,3,7,8-TCDD	0	U	pg/g	0
OCIFP-120	0.1	2,3,7,8-TCDF	0	UX	pg/g	0
OCIFP-120	0.0003	OCDD	410.0		pg/g	0.123
OCIFP-120	0.0003	OCDF	13		pg/g	0.0039
<b>TCDD TEQ:</b>						<b>1.2</b>
OCTBS-002	0.01	1,2,3,4,6,7,8-HpCDD	27,000		pg/g	270.0
OCTBS-002	0.01	1,2,3,4,6,7,8-HpCDF	5,300		pg/g	53
OCTBS-002	0.01	1,2,3,4,7,8,9-HpCDF	200		pg/g	2
OCTBS-002	0.1	1,2,3,4,7,8-HxCDD	0	UX	pg/g	0
OCTBS-002	0.1	1,2,3,4,7,8-HxCDF	0.0	UX	pg/g	0
OCTBS-002	0.1	1,2,3,6,7,8-HxCDD	700.0		pg/g	70
OCTBS-002	0.1	1,2,3,6,7,8-HxCDF	0	UX	pg/g	0
OCTBS-002	0.1	1,2,3,7,8,9-HxCDD	310		pg/g	31.0
OCTBS-002	0.1	1,2,3,7,8,9-HxCDF	10	J	pg/g	0.97
OCTBS-002	1	1,2,3,7,8-PeCDD	0	UX	pg/g	0
OCTBS-002	0.03	1,2,3,7,8-PeCDF	0	UX	pg/g	0
OCTBS-002	0.1	2,3,4,6,7,8-HxCDF	55	J	pg/g	5.5
OCTBS-002	0.3	2,3,4,7,8-PeCDF	40	J	pg/g	12
OCTBS-002	1	2,3,7,8-TCDD	0	UX	pg/g	0
OCTBS-002	0.1	2,3,7,8-TCDF	270	J	pg/g	27
OCTBS-002	0.0003	OCDD	270,000.0	EJ	pg/g	81
OCTBS-002	0.0003	OCDF	7,200		pg/g	2.16
<b>TCDD TEQ:</b>						<b>555</b>
OCIFP-023	0.01	1,2,3,4,6,7,8-HpCDD	610		pg/g	6.1
OCIFP-023	0.01	1,2,3,4,6,7,8-HpCDF	54	J	pg/g	0.54
OCIFP-023	0.01	1,2,3,4,7,8,9-HpCDF	5	J	pg/g	0.05
OCIFP-023	0.1	1,2,3,4,7,8-HxCDD	0	UX	pg/g	0
OCIFP-023	0.1	1,2,3,4,7,8-HxCDF	0.0	UX	pg/g	0
OCIFP-023	0.1	1,2,3,6,7,8-HxCDD	0.0	UX	pg/g	0
OCIFP-023	0.1	1,2,3,6,7,8-HxCDF	3	J	pg/g	0.32
OCIFP-023	0.1	1,2,3,7,8,9-HxCDD	7	J	pg/g	0.7
OCIFP-023	0.1	1,2,3,7,8,9-HxCDF	0	U	pg/g	0
OCIFP-023	1	1,2,3,7,8-PeCDD	0	U	pg/g	0
OCIFP-023	0.03	1,2,3,7,8-PeCDF	0	U	pg/g	0
OCIFP-023	0.1	2,3,4,6,7,8-HxCDF	0	U	pg/g	0
OCIFP-023	0.3	2,3,4,7,8-PeCDF	0	U	pg/g	0
OCIFP-023	1	2,3,7,8-TCDD	17		pg/g	17
OCIFP-023	0.1	2,3,7,8-TCDF	48	J	pg/g	4.8
OCIFP-023	0.0003	OCDD	6,800.0		pg/g	2.04
OCIFP-023	0.0003	OCDF	130		pg/g	0.039
<b>TCDD TEQ:</b>						<b>32</b>



**TABLE A-2**  
**Calculation of TCDD TEQ for Soil**  
**Area-Wide Non-PCB Constituent Screening Evaluation**

Sample Location	TEF	Analyte	Result Value	Result Qualifiers	Units	TEQ
OCIFP-033	0.01	1,2,3,4,6,7,8-HpCDD	6,500		pg/g	65.0
OCIFP-033	0.01	1,2,3,4,6,7,8-HpCDF	2,600		pg/g	26
OCIFP-033	0.01	1,2,3,4,7,8,9-HpCDF	39	J	pg/g	0.39
OCIFP-033	0.1	1,2,3,4,7,8-HxCDD	21	J	pg/g	2.1
OCIFP-033	0.1	1,2,3,4,7,8-HxCDF	0.0	UX	pg/g	0
OCIFP-033	0.1	1,2,3,6,7,8-HxCDD	240.0		pg/g	24
OCIFP-033	0.1	1,2,3,6,7,8-HxCDF	0	UX	pg/g	0
OCIFP-033	0.1	1,2,3,7,8,9-HxCDD	100	J	pg/g	10.0
OCIFP-033	0.1	1,2,3,7,8,9-HxCDF	0	U	pg/g	0
OCIFP-033	1	1,2,3,7,8-PeCDD	0	UX	pg/g	0
OCIFP-033	0.03	1,2,3,7,8-PeCDF	0	U	pg/g	0
OCIFP-033	0.1	2,3,4,6,7,8-HxCDF	0	UX	pg/g	0
OCIFP-033	0.3	2,3,4,7,8-PeCDF	0	UX	pg/g	0
OCIFP-033	1	2,3,7,8-TCDD	0	UX	pg/g	0
OCIFP-033	0.1	2,3,7,8-TCDF	32	J	pg/g	3.2
OCIFP-033	0.0003	OCDD	55,000.0		pg/g	16.5
OCIFP-033	0.0003	OCDF	2,000		pg/g	0.6
<b>TCDD TEQ:</b>						<b>148</b>
OCIFP-043	0.01	1,2,3,4,6,7,8-HpCDD	32		pg/g	0.3
OCIFP-043	0.01	1,2,3,4,6,7,8-HpCDF	4	J	pg/g	0.042
OCIFP-043	0.01	1,2,3,4,7,8,9-HpCDF	0	U	pg/g	0
OCIFP-043	0.1	1,2,3,4,7,8-HxCDD	0	U	pg/g	0
OCIFP-043	0.1	1,2,3,4,7,8-HxCDF	0.4	J	pg/g	0.037
OCIFP-043	0.1	1,2,3,6,7,8-HxCDD	1.4	J	pg/g	0.14
OCIFP-043	0.1	1,2,3,6,7,8-HxCDF	0	J	pg/g	0.037
OCIFP-043	0.1	1,2,3,7,8,9-HxCDD	1	J	pg/g	0.1
OCIFP-043	0.1	1,2,3,7,8,9-HxCDF	0	U	pg/g	0
OCIFP-043	1	1,2,3,7,8-PeCDD	0	U	pg/g	0
OCIFP-043	0.03	1,2,3,7,8-PeCDF	0	U	pg/g	0
OCIFP-043	0.1	2,3,4,6,7,8-HxCDF	0	U	pg/g	0
OCIFP-043	0.3	2,3,4,7,8-PeCDF	0	UX	pg/g	0
OCIFP-043	1	2,3,7,8-TCDD	0	UX	pg/g	0
OCIFP-043	0.1	2,3,7,8-TCDF	0	UX	pg/g	0
OCIFP-043	0.0003	OCDD	270.0		pg/g	0.081
OCIFP-043	0.0003	OCDF	7	J	pg/g	0.00216
<b>TCDD TEQ:</b>						<b>0.72</b>
OCIFP-058	0.01	1,2,3,4,6,7,8-HpCDD	11,000		pg/g	110.0
OCIFP-058	0.01	1,2,3,4,6,7,8-HpCDF	910		pg/g	9.1
OCIFP-058	0.01	1,2,3,4,7,8,9-HpCDF	0	UX	pg/g	0
OCIFP-058	0.1	1,2,3,4,7,8-HxCDD	35	J	pg/g	3.5
OCIFP-058	0.1	1,2,3,4,7,8-HxCDF	0.0	UX	pg/g	0
OCIFP-058	0.1	1,2,3,6,7,8-HxCDD	240.0		pg/g	24
OCIFP-058	0.1	1,2,3,6,7,8-HxCDF	0	UX	pg/g	0
OCIFP-058	0.1	1,2,3,7,8,9-HxCDD	110		pg/g	11.0
OCIFP-058	0.1	1,2,3,7,8,9-HxCDF	0	UX	pg/g	0
OCIFP-058	1	1,2,3,7,8-PeCDD	0	UX	pg/g	0
OCIFP-058	0.03	1,2,3,7,8-PeCDF	0	UX	pg/g	0
OCIFP-058	0.1	2,3,4,6,7,8-HxCDF	15	J	pg/g	1.5
OCIFP-058	0.3	2,3,4,7,8-PeCDF	28	J	pg/g	8.4
OCIFP-058	1	2,3,7,8-TCDD	460		pg/g	460
OCIFP-058	0.1	2,3,7,8-TCDF	1,400		pg/g	140
OCIFP-058	0.0003	OCDD	130,000.0	EJ	pg/g	39
OCIFP-058	0.0003	OCDF	2,500		pg/g	0.75
<b>TCDD TEQ:</b>						<b>807</b>
OCIFP-063	0.01	1,2,3,4,6,7,8-HpCDD	74		pg/g	0.7
OCIFP-063	0.01	1,2,3,4,6,7,8-HpCDF	10		pg/g	0.1
OCIFP-063	0.01	1,2,3,4,7,8,9-HpCDF	0	UX	pg/g	0
OCIFP-063	0.1	1,2,3,4,7,8-HxCDD	0	UX	pg/g	0
OCIFP-063	0.1	1,2,3,4,7,8-HxCDF	0.0	UX	pg/g	0

**TABLE A-2**  
**Calculation of TCDD TEQ for Soil**  
**Area-Wide Non-PCB Constituent Screening Evaluation**

Sample Location	TEF	Analyte	Result Value	Result Qualifiers	Units	TEQ
OCIFP-063	0.1	1,2,3,6,7,8-HxCDD	3.2	J	pg/g	0.32
OCIFP-063	0.1	1,2,3,6,7,8-HxCDF	0	UX	pg/g	0
OCIFP-063	0.1	1,2,3,7,8,9-HxCDD	2	J	pg/g	0.2
OCIFP-063	0.1	1,2,3,7,8,9-HxCDF	0	U	pg/g	0
OCIFP-063	1	1,2,3,7,8-PeCDD	0	UX	pg/g	0
OCIFP-063	0.03	1,2,3,7,8-PeCDF	0	J	pg/g	0.0084
OCIFP-063	0.1	2,3,4,6,7,8-HxCDF	0	UX	pg/g	0
OCIFP-063	0.3	2,3,4,7,8-PeCDF	0	UX	pg/g	0
OCIFP-063	1	2,3,7,8-TCDD	2		pg/g	1.6
OCIFP-063	0.1	2,3,7,8-TCDF	5		pg/g	0.51
OCIFP-063	0.0003	OCDD	650.0		pg/g	0.195
OCIFP-063	0.0003	OCDF	10	J	pg/g	0.003
<b>TCDD TEQ:</b>						<b>3.6</b>
OCIFP-073	0.01	1,2,3,4,6,7,8-HpCDD	17,000		pg/g	170.0
OCIFP-073	0.01	1,2,3,4,6,7,8-HpCDF	1,300		pg/g	13
OCIFP-073	0.01	1,2,3,4,7,8,9-HpCDF	100	J	pg/g	1
OCIFP-073	0.1	1,2,3,4,7,8-HxCDD	58	J	pg/g	5.8
OCIFP-073	0.1	1,2,3,4,7,8-HxCDF	0.0	UX	pg/g	0
OCIFP-073	0.1	1,2,3,6,7,8-HxCDD	340.0		pg/g	34
OCIFP-073	0.1	1,2,3,6,7,8-HxCDF	0	UX	pg/g	0
OCIFP-073	0.1	1,2,3,7,8,9-HxCDD	180	J	pg/g	18.0
OCIFP-073	0.1	1,2,3,7,8,9-HxCDF	4	J	pg/g	0.38
OCIFP-073	1	1,2,3,7,8-PeCDD	0	UX	pg/g	0
OCIFP-073	0.03	1,2,3,7,8-PeCDF	0	UX	pg/g	0
OCIFP-073	0.1	2,3,4,6,7,8-HxCDF	19	J	pg/g	1.9
OCIFP-073	0.3	2,3,4,7,8-PeCDF	30	J	pg/g	9
OCIFP-073	1	2,3,7,8-TCDD	650		pg/g	650
OCIFP-073	0.1	2,3,7,8-TCDF	1,100		pg/g	110
OCIFP-073	0.0003	OCDD	190,000.0	EJ	pg/g	57
OCIFP-073	0.0003	OCDF	2,800		pg/g	0.84
<b>TCDD TEQ:</b>						<b>1071</b>
OCIFP-078	0.01	1,2,3,4,6,7,8-HpCDD	14,000		pg/g	140.0
OCIFP-078	0.01	1,2,3,4,6,7,8-HpCDF	2,400		pg/g	24
OCIFP-078	0.01	1,2,3,4,7,8,9-HpCDF	130		pg/g	1.3
OCIFP-078	0.1	1,2,3,4,7,8-HxCDD	0	UX	pg/g	0
OCIFP-078	0.1	1,2,3,4,7,8-HxCDF	130.0	J	pg/g	13
OCIFP-078	0.1	1,2,3,6,7,8-HxCDD	350.0		pg/g	35
OCIFP-078	0.1	1,2,3,6,7,8-HxCDF	0	UX	pg/g	0
OCIFP-078	0.1	1,2,3,7,8,9-HxCDD	150		pg/g	15.0
OCIFP-078	0.1	1,2,3,7,8,9-HxCDF	0	UX	pg/g	0
OCIFP-078	1	1,2,3,7,8-PeCDD	0	UX	pg/g	0
OCIFP-078	0.03	1,2,3,7,8-PeCDF	11	J	pg/g	0.33
OCIFP-078	0.1	2,3,4,6,7,8-HxCDF	0	UX	pg/g	0
OCIFP-078	0.3	2,3,4,7,8-PeCDF	28	J	pg/g	8.4
OCIFP-078	1	2,3,7,8-TCDD	63		pg/g	63
OCIFP-078	0.1	2,3,7,8-TCDF	290	J	pg/g	29
OCIFP-078	0.0003	OCDD	110,000.0	EJ	pg/g	33
OCIFP-078	0.0003	OCDF	9,900		pg/g	2.97
<b>TCDD TEQ:</b>						<b>365</b>
OCIFP-083	0.01	1,2,3,4,6,7,8-HpCDD	150		pg/g	1.5
OCIFP-083	0.01	1,2,3,4,6,7,8-HpCDF	17	J	pg/g	0.17
OCIFP-083	0.01	1,2,3,4,7,8,9-HpCDF	1	J	pg/g	0.011
OCIFP-083	0.1	1,2,3,4,7,8-HxCDD	2	J	pg/g	0.16
OCIFP-083	0.1	1,2,3,4,7,8-HxCDF	1.7	J	pg/g	0.17
OCIFP-083	0.1	1,2,3,6,7,8-HxCDD	5.2	J	pg/g	0.52
OCIFP-083	0.1	1,2,3,6,7,8-HxCDF	0	UX	pg/g	0
OCIFP-083	0.1	1,2,3,7,8,9-HxCDD	3	J	pg/g	0.3
OCIFP-083	0.1	1,2,3,7,8,9-HxCDF	0	U	pg/g	0
OCIFP-083	1	1,2,3,7,8-PeCDD	0	UX	pg/g	0

**TABLE A-2**  
**Calculation of TCDD TEQ for Soil**  
**Area-Wide Non-PCB Constituent Screening Evaluation**

Sample Location	TEF	Analyte	Result Value	Result Qualifiers	Units	TEQ
OCIFP-083	0.03	1,2,3,7,8-PeCDF	0	UX	pg/g	0
OCIFP-083	0.1	2,3,4,6,7,8-HxCDF	0	J	pg/g	0.037
OCIFP-083	0.3	2,3,4,7,8-PeCDF	0	UX	pg/g	0
OCIFP-083	1	2,3,7,8-TCDD	2		pg/g	1.8
OCIFP-083	0.1	2,3,7,8-TCDF	8		pg/g	0.77
OCIFP-083	0.0003	OCDD	1,700.0		pg/g	0.51
OCIFP-083	0.0003	OCDF	28		pg/g	0.0084
<b>TCDD TEQ:</b>						<b>6.0</b>
OCIFP-102	0.01	1,2,3,4,6,7,8-HpCDD	39		pg/g	0.4
OCIFP-102	0.01	1,2,3,4,6,7,8-HpCDF	6	J	pg/g	0.055
OCIFP-102	0.01	1,2,3,4,7,8,9-HpCDF	0	UXJ	pg/g	0
OCIFP-102	0.1	1,2,3,4,7,8-HxCDD	0	J	pg/g	0.022
OCIFP-102	0.1	1,2,3,4,7,8-HxCDF	0.4	J	pg/g	0.037
OCIFP-102	0.1	1,2,3,6,7,8-HxCDD	2.1	J	pg/g	0.21
OCIFP-102	0.1	1,2,3,6,7,8-HxCDF	0	J	pg/g	0.024
OCIFP-102	0.1	1,2,3,7,8,9-HxCDD	1	J	pg/g	0.1
OCIFP-102	0.1	1,2,3,7,8,9-HxCDF	0	U	pg/g	0
OCIFP-102	1	1,2,3,7,8-PeCDD	0	UX	pg/g	0
OCIFP-102	0.03	1,2,3,7,8-PeCDF	0	UX	pg/g	0
OCIFP-102	0.1	2,3,4,6,7,8-HxCDF	0	UX	pg/g	0
OCIFP-102	0.3	2,3,4,7,8-PeCDF	0	UX	pg/g	0
OCIFP-102	1	2,3,7,8-TCDD	0	UX	pg/g	0
OCIFP-102	0.1	2,3,7,8-TCDF	3	J	pg/g	0.27
OCIFP-102	0.0003	OCDD	320.0		pg/g	0.096
OCIFP-102	0.0003	OCDF	7	J	pg/g	0.00219
<b>TCDD TEQ:</b>						<b>1.2</b>
OCIFP-134	0.01	1,2,3,4,6,7,8-HpCDD	0	UX	pg/g	0.0
OCIFP-134	0.01	1,2,3,4,6,7,8-HpCDF	0	U	pg/g	0
OCIFP-134	0.01	1,2,3,4,7,8,9-HpCDF	0	U	pg/g	0
OCIFP-134	0.1	1,2,3,4,7,8-HxCDD	0	U	pg/g	0
OCIFP-134	0.1	1,2,3,4,7,8-HxCDF	0.0	U	pg/g	0
OCIFP-134	0.1	1,2,3,6,7,8-HxCDD	0.0	U	pg/g	0
OCIFP-134	0.1	1,2,3,6,7,8-HxCDF	0	U	pg/g	0
OCIFP-134	0.1	1,2,3,7,8,9-HxCDD	0	U	pg/g	0.0
OCIFP-134	0.1	1,2,3,7,8,9-HxCDF	0	U	pg/g	0
OCIFP-134	1	1,2,3,7,8-PeCDD	0	U	pg/g	0
OCIFP-134	0.03	1,2,3,7,8-PeCDF	0	U	pg/g	0
OCIFP-134	0.1	2,3,4,6,7,8-HxCDF	0	U	pg/g	0
OCIFP-134	0.3	2,3,4,7,8-PeCDF	0	U	pg/g	0
OCIFP-134	1	2,3,7,8-TCDD	0	U	pg/g	0
OCIFP-134	0.1	2,3,7,8-TCDF	0	U	pg/g	0
OCIFP-134	0.0003	OCDD	140.0		pg/g	0.042
OCIFP-134	0.0003	OCDF	0	U	pg/g	0
<b>TCDD TEQ:</b>						<b>0.042</b>

**TABLE A-2**  
**Calculation of TCDD TEQ for Soil**  
**Area-Wide Non-PCB Constituent Screening Evaluation**

Sample Location	TEF	Analyte	Result Value	Result Qualifiers	Units	TEQ
OCTBN-016	0.01	1,2,3,4,6,7,8-HpCDD	220		pg/g	2.2
OCTBN-016	0.01	1,2,3,4,6,7,8-HpCDF	24	J	pg/g	0.24
OCTBN-016	0.01	1,2,3,4,7,8,9-HpCDF	0	UX	pg/g	0
OCTBN-016	0.1	1,2,3,4,7,8-HxCDD	0	U	pg/g	0
OCTBN-016	0.1	1,2,3,4,7,8-HxCDF	1.9	J	pg/g	0.19
OCTBN-016	0.1	1,2,3,6,7,8-HxCDD	6.0	J	pg/g	0.6
OCTBN-016	0.1	1,2,3,6,7,8-HxCDF	0	UX	pg/g	0
OCTBN-016	0.1	1,2,3,7,8,9-HxCDD	0	UX	pg/g	0.0
OCTBN-016	0.1	1,2,3,7,8,9-HxCDF	0	U	pg/g	0
OCTBN-016	1	1,2,3,7,8-PeCDD	0	U	pg/g	0
OCTBN-016	0.03	1,2,3,7,8-PeCDF	0	U	pg/g	0
OCTBN-016	0.1	2,3,4,6,7,8-HxCDF	0	U	pg/g	0
OCTBN-016	0.3	2,3,4,7,8-PeCDF	0	UX	pg/g	0
OCTBN-016	1	2,3,7,8-TCDD	2	J	pg/g	2.4
OCTBN-016	0.1	2,3,7,8-TCDF	0	UX	pg/g	0
OCTBN-016	0.0003	OCDD	2,500.0		pg/g	0.75
OCTBN-016	0.0003	OCDF	46	J	pg/g	0.0138
<b>TCDD TEQ:</b>						<b>6.4</b>
OCTBN-021	0.01	1,2,3,4,6,7,8-HpCDD	9,100		pg/g	91.0
OCTBN-021	0.01	1,2,3,4,6,7,8-HpCDF	1,100		pg/g	11
OCTBN-021	0.01	1,2,3,4,7,8,9-HpCDF	93	J	pg/g	0.93
OCTBN-021	0.1	1,2,3,4,7,8-HxCDD	0	UX	pg/g	0
OCTBN-021	0.1	1,2,3,4,7,8-HxCDF	120.0		pg/g	12
OCTBN-021	0.1	1,2,3,6,7,8-HxCDD	260.0		pg/g	26
OCTBN-021	0.1	1,2,3,6,7,8-HxCDF	0	UX	pg/g	0
OCTBN-021	0.1	1,2,3,7,8,9-HxCDD	110	J	pg/g	11.0
OCTBN-021	0.1	1,2,3,7,8,9-HxCDF	0	U	pg/g	0
OCTBN-021	1	1,2,3,7,8-PeCDD	0	UX	pg/g	0
OCTBN-021	0.03	1,2,3,7,8-PeCDF	21	J	pg/g	0.63
OCTBN-021	0.1	2,3,4,6,7,8-HxCDF	24	J	pg/g	2.4
OCTBN-021	0.3	2,3,4,7,8-PeCDF	39	J	pg/g	11.7
OCTBN-021	1	2,3,7,8-TCDD	260		pg/g	260
OCTBN-021	0.1	2,3,7,8-TCDF	610		pg/g	61
OCTBN-021	0.0003	OCDD	160,000.0	EJ	pg/g	48
OCTBN-021	0.0003	OCDF	2,000		pg/g	0.6
<b>TCDD TEQ:</b>						<b>536</b>
OCTBS-007	0.01	1,2,3,4,6,7,8-HpCDD	210		pg/g	2.1
OCTBS-007	0.01	1,2,3,4,6,7,8-HpCDF	21	J	pg/g	0.21
OCTBS-007	0.01	1,2,3,4,7,8,9-HpCDF	0	U	pg/g	0
OCTBS-007	0.1	1,2,3,4,7,8-HxCDD	0	U	pg/g	0
OCTBS-007	0.1	1,2,3,4,7,8-HxCDF	0.0	UX	pg/g	0
OCTBS-007	0.1	1,2,3,6,7,8-HxCDD	4.6	J	pg/g	0.46
OCTBS-007	0.1	1,2,3,6,7,8-HxCDF	0	UX	pg/g	0
OCTBS-007	0.1	1,2,3,7,8,9-HxCDD	0	UX	pg/g	0.0
OCTBS-007	0.1	1,2,3,7,8,9-HxCDF	0	U	pg/g	0
OCTBS-007	1	1,2,3,7,8-PeCDD	0	U	pg/g	0
OCTBS-007	0.03	1,2,3,7,8-PeCDF	0	U	pg/g	0
OCTBS-007	0.1	2,3,4,6,7,8-HxCDF	0	U	pg/g	0
OCTBS-007	0.3	2,3,4,7,8-PeCDF	0	U	pg/g	0
OCTBS-007	1	2,3,7,8-TCDD	0	UX	pg/g	0
OCTBS-007	0.1	2,3,7,8-TCDF	14		pg/g	1.4
OCTBS-007	0.0003	OCDD	2,300.0		pg/g	0.69
OCTBS-007	0.0003	OCDF	37	J	pg/g	0.0111
<b>TCDD TEQ:</b>						<b>4.9</b>

**TABLE A-2**  
**Calculation of TCDD TEQ for Soil**  
**Area-Wide Non-PCB Constituent Screening Evaluation**

Sample Location	TEF	Analyte	Result Value	Result Qualifiers	Units	TEQ
OCTBS-022	0.01	1,2,3,4,6,7,8-HpCDD	27		pg/g	0.3
OCTBS-022	0.01	1,2,3,4,6,7,8-HpCDF	3	J	pg/g	0.033
OCTBS-022	0.01	1,2,3,4,7,8,9-HpCDF	0	U	pg/g	0
OCTBS-022	0.1	1,2,3,4,7,8-HxCDD	0	U	pg/g	0
OCTBS-022	0.1	1,2,3,4,7,8-HxCDF	0.0	UX	pg/g	0
OCTBS-022	0.1	1,2,3,6,7,8-HxCDD	0.0	UX	pg/g	0
OCTBS-022	0.1	1,2,3,6,7,8-HxCDF	0	UX	pg/g	0
OCTBS-022	0.1	1,2,3,7,8,9-HxCDD	0	UX	pg/g	0.0
OCTBS-022	0.1	1,2,3,7,8,9-HxCDF	0	U	pg/g	0
OCTBS-022	1	1,2,3,7,8-PeCDD	0	U	pg/g	0
OCTBS-022	0.03	1,2,3,7,8-PeCDF	0	U	pg/g	0
OCTBS-022	0.1	2,3,4,6,7,8-HxCDF	0	U	pg/g	0
OCTBS-022	0.3	2,3,4,7,8-PeCDF	0	U	pg/g	0
OCTBS-022	1	2,3,7,8-TCDD	0	UX	pg/g	0
OCTBS-022	0.1	2,3,7,8-TCDF	1	J	pg/g	0.13
OCTBS-022	0.0003	OCDD	220.0		pg/g	0.066
OCTBS-022	0.0003	OCDF	7	J	pg/g	0.0021
<b>TCDD TEQ:</b>						<b>0.50</b>
OCTBS-026	0.01	1,2,3,4,6,7,8-HpCDD	74		pg/g	0.7
OCTBS-026	0.01	1,2,3,4,6,7,8-HpCDF	11		pg/g	0.11
OCTBS-026	0.01	1,2,3,4,7,8,9-HpCDF	0	UX	pg/g	0
OCTBS-026	0.1	1,2,3,4,7,8-HxCDD	0	UX	pg/g	0
OCTBS-026	0.1	1,2,3,4,7,8-HxCDF	0.8	J	pg/g	0.082
OCTBS-026	0.1	1,2,3,6,7,8-HxCDD	2.5	J	pg/g	0.25
OCTBS-026	0.1	1,2,3,6,7,8-HxCDF	1	J	pg/g	0.069
OCTBS-026	0.1	1,2,3,7,8,9-HxCDD	1	J	pg/g	0.1
OCTBS-026	0.1	1,2,3,7,8,9-HxCDF	0	U	pg/g	0
OCTBS-026	1	1,2,3,7,8-PeCDD	0	J	pg/g	0.25
OCTBS-026	0.03	1,2,3,7,8-PeCDF	0	UX	pg/g	0
OCTBS-026	0.1	2,3,4,6,7,8-HxCDF	0	UX	pg/g	0
OCTBS-026	0.3	2,3,4,7,8-PeCDF	0	UX	pg/g	0
OCTBS-026	1	2,3,7,8-TCDD	0	UX	pg/g	0
OCTBS-026	0.1	2,3,7,8-TCDF	6		pg/g	0.55
OCTBS-026	0.0003	OCDD	620.0		pg/g	0.186
OCTBS-026	0.0003	OCDF	14		pg/g	0.0042
<b>TCDD TEQ:</b>						<b>2.3</b>
OCTBS-027	0.01	1,2,3,4,6,7,8-HpCDD	92		pg/g	0.9
OCTBS-027	0.01	1,2,3,4,6,7,8-HpCDF	14		pg/g	0.14
OCTBS-027	0.01	1,2,3,4,7,8,9-HpCDF	1	J	pg/g	0.0079
OCTBS-027	0.1	1,2,3,4,7,8-HxCDD	1	J	pg/g	0.052
OCTBS-027	0.1	1,2,3,4,7,8-HxCDF	1.0	J	pg/g	0.096
OCTBS-027	0.1	1,2,3,6,7,8-HxCDD	3.4	J	pg/g	0.34
OCTBS-027	0.1	1,2,3,6,7,8-HxCDF	1	J	pg/g	0.053
OCTBS-027	0.1	1,2,3,7,8,9-HxCDD	2	J	pg/g	0.2
OCTBS-027	0.1	1,2,3,7,8,9-HxCDF	0	U	pg/g	0
OCTBS-027	1	1,2,3,7,8-PeCDD	0	UX	pg/g	0
OCTBS-027	0.03	1,2,3,7,8-PeCDF	0	J	pg/g	0.0123
OCTBS-027	0.1	2,3,4,6,7,8-HxCDF	0	UX	pg/g	0
OCTBS-027	0.3	2,3,4,7,8-PeCDF	0	UX	pg/g	0
OCTBS-027	1	2,3,7,8-TCDD	2		pg/g	2
OCTBS-027	0.1	2,3,7,8-TCDF	7		pg/g	0.71
OCTBS-027	0.0003	OCDD	790.0		pg/g	0.237
OCTBS-027	0.0003	OCDF	18		pg/g	0.0054
<b>TCDD TEQ:</b>						<b>4.7</b>
SL033	0.01	1,2,3,4,6,7,8-HpCDD	1563	J	pg/g	15.63
SL033	0.01	1,2,3,4,6,7,8-HpCDF	201	J	pg/g	2.01
SL033	0.01	1,2,3,4,7,8,9-HpCDF	0	U	pg/g	0
SL033	0.1	1,2,3,4,7,8-HxCDD	0	U	pg/g	0
SL033	0.1	1,2,3,4,7,8-HxCDF	0	U	pg/g	0
SL033	0.1	1,2,3,6,7,8-HxCDD	45	J	pg/g	4.5
SL033	0.1	1,2,3,6,7,8-HxCDF	44	J	pg/g	4.4
SL033	0.1	1,2,3,7,8,9-HxCDD	0	J	pg/g	0
SL033	0.1	1,2,3,7,8,9-HxCDF	0	U	pg/g	0

**TABLE A-2**  
**Calculation of TCDD TEQ for Soil**  
**Area-Wide Non-PCB Constituent Screening Evaluation**

Sample Location	TEF	Analyte	Result Value	Result Qualifiers	Units	TEQ
SL033	1	1,2,3,7,8-PeCDD	0	U	pg/g	0
SL033	0.03	1,2,3,7,8-PeCDF	16	J	pg/g	0.48
SL033	0.1	2,3,4,6,7,8-HxCDF	0	U	pg/g	0
SL033	0.3	2,3,4,7,8-PeCDF	0	U	pg/g	0
SL033	1	2,3,7,8-TCDD	149	J	pg/g	149
SL033	0.1	2,3,7,8-TCDF	101	J	pg/g	10.1
SL033	0.0003	OCDD	16000	J	pg/g	4.8
SL033	0.0003	OCDF	407	J	pg/g	0.1221
<b>TCDD TEQ:</b>						<b>191</b>

pg/g = picograms per gram

PREPARED BY/DATE: MKB 1/7/15  
 CHECKED BY/DATE: SAG 1/12/15

TABLE A-3  
Data Summary Table for Sediment

Sample Locaton: Sample Date: Unit: Starting Depth (inches): Ending Depth (inches):	KPT20-2 7/16/1997 mg/kg	KPT49-1 7/16/1997 mg/kg	KPT49-1 7/16/1997 ug/kg	KPT65-3 7/3/1997 mg/kg	KPT65-3 7/3/1997 mg/kg	KPT92-7 7/23/1997 mg/kg	KPT92-7 7/23/1997 ug/kg	KRT12-8 1/7/2009 mg/kg	KRT12-8 1/7/2009 mg/kg	KRT16-8 1/7/2009 mg/kg	KRT16-8 1/7/2009 mg/kg
	0	0	0	0	2	0	0	0	2	0	2
	2	2	2	2	10	2	2	2	6	2	6
1,1,1-Trichloroethane	0.012 U	NS	25 U	0.015 U	0.015 U	NS	12 U	0.999 R	0.0083 U	0.999 R	0.999 R
1,1,2,2-Tetrachloroethane	0.012 U	NS	25 U	0.015 U	0.015 U	NS	12 U	0.999 R	0.0083 U	0.999 R	0.999 R
1,1,2-Trichloroethane	0.012 U	NS	25 U	0.015 U	0.015 U	NS	12 U	0.999 R	0.0083 U	0.999 R	0.999 R
1,1-Dichloroethane	0.012 U	NS	25 U	0.015 U	0.015 U	NS	12 U	0.0092 U	0.0083 U	0.0082 U	0.014 U
1,1-Dichloroethene	0.012 U	NS	25 U	0.015 U	0.015 U	NS	12 U	0.0092 U	0.0083 U	0.0082 U	0.014 U
1,2,3,4,6,7,8-HpCDD	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
1,2,3,4,6,7,8-HpCDF	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
1,2,3,4,7,8,9-HpCDF	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
1,2,3,4,7,8-HxCDD	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
1,2,3,4,7,8-HxCDF	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
1,2,3,6,7,8-HxCDD	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
1,2,3,6,7,8-HxCDF	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
1,2,3,7,8,9-HxCDD	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
1,2,3,7,8,9-HxCDF	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
1,2,3,7,8-PeCDD	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
1,2,3,7,8-PeCDF	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
1,2,3-Trichlorobenzene	NS	NS	NS	NS	NS	NS	NS	0.999 R	0.0083 U	0.999 R	0.999 R
1,2,4,5-Tetrachlorobenzene	NS	NS	NS	NS	NS	NS	NS	0.3 U	0.3 U	0.46 U	0.41 U
1,2,4-Trichlorobenzene	0.4 U	NS	820 U	1.2 U	0.49 U	NS	410 U	0.999 R	0.0083 U	0.999 R	0.999 R
1,2-Dibromo-3-Chloropropane	NS	NS	NS	NS	NS	NS	NS	0.999 R	0.0083 U	0.999 R	0.999 R
1,2-Dibromoethane (Ethylene dibromide)	NS	NS	NS	NS	NS	NS	NS	0.999 R	0.0083 U	0.999 R	0.999 R
1,2-Dichlorobenzene	0.4 U	NS	820 U	1.2 U	0.49 U	NS	410 U	0.999 R	0.0083 U	0.999 R	0.999 R
1,2-Dichloroethane	0.012 U	NS	25 U	0.015 U	0.015 U	NS	12 U	0.0092 U	0.0083 U	0.0082 U	0.014 U
1,2-Dichloroethene (Total)	0.012 U	NS	25 U	0.015 U	0.015 U	NS	12 U	NS	NS	NS	NS
1,2-Dichloropropane	0.012 U	NS	25 U	0.015 U	0.015 U	NS	12 U	0.999 R	0.0083 U	0.999 R	0.999 R
1,3-Dichlorobenzene	0.4 U	NS	820 U	1.2 U	0.49 U	NS	410 U	0.999 R	0.0083 U	0.999 R	0.999 R
1,4-Dichlorobenzene	0.4 U	NS	820 U	1.2 U	0.49 U	NS	410 U	0.999 R	0.0083 U	0.999 R	0.999 R
1,4-Dioxane (p-Dioxane)	NS	NS	NS	NS	NS	NS	NS	0.999 R	0.999 R	0.999 R	0.999 R
2,2'-Oxybis(1-Chloropropane)	NS	NS	820 U	NS	NS	NS	NS	NS	NS	NS	NS
2,3,4,6,7,8-HxCDF	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
2,3,4,6-Tetrachlorophenol	NS	NS	NS	NS	NS	NS	NS	0.3 U	0.3 U	0.46 U	0.41 U
2,3,4,7,8-PeCDF	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
2,3,7,8-TCDD	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
2,3,7,8-TCDF	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
2,4,5-Trichlorophenol	1 U	NS	2100 U	3.1 U	1.2 U	NS	1000 U	0.3 U	0.3 U	0.46 U	0.41 U
2,4,6-Trichlorophenol	0.4 U	NS	820 U	1.2 U	0.49 U	NS	410 U	0.3 U	0.3 U	0.46 U	0.41 U
2,4-Dichlorophenol	0.4 U	NS	820 U	1.2 U	0.49 U	NS	410 U	0.3 U	0.3 U	0.46 U	0.41 U
2,4-Dimethylphenol	0.4 U	NS	820 U	1.2 U	0.49 U	NS	410 U	0.3 U	0.3 U	0.46 U	0.41 U
2,4-Dinitrophenol	1 U	NS	2100 U	3.1 U	1.2 U	NS	1000 U	0.58 U	0.58 U	0.89 U	0.79 U
2,4-Dinitrotoluene	0.4 U	NS	820 U	1.2 U	0.49 U	NS	410 U	0.3 U	0.3 U	0.46 U	0.41 U
2,6-Dinitrotoluene	0.4 U	NS	820 U	1.2 U	0.49 U	NS	410 U	0.3 U	0.3 U	0.46 U	0.41 U
2-Butanone (Methyl ethyl ketone) (a)	0.012 U	NS	25 U	0.048	0.065	NS	12 U	0.039	0.055 J	0.16	0.095 J
2-Chloronaphthalene	0.4 U	NS	820 U	1.2 U	0.49 U	NS	410 U	0.3 U	0.3 U	0.46 U	0.41 U
2-Chlorophenol	0.4 U	NS	820 U	1.2 U	0.49 U	NS	410 U	0.3 U	0.3 U	0.46 U	0.41 U
2-Hexanone	0.012 U	NS	25 U	0.015 U	0.015 U	NS	12 U	0.999 R	0.017 U	0.999 R	0.999 R
2-Methylnaphthalene	0.4 U	NS	64 J	1.2 U	0.49 U	NS	410 U	0.3 U	0.031 J	0.46 U	0.41 U
2-Methylphenol (o-Cresol)	0.4 U	NS	48 J	1.2 U	0.49 U	NS	410 U	0.3 U	0.3 U	0.46 U	0.41 U
2-Nitroaniline	1 U	NS	2100 U	3.1 U	1.2 U	NS	1000 U	0.58 U	0.58 U	0.89 U	0.79 U
2-Nitrophenol	0.4 U	NS	820 U	1.2 U	0.49 U	NS	410 U	0.3 U	0.3 U	0.46 U	0.41 U
3,3'-Dichlorobenzidine	0.4 U	NS	820 U	1.2 U	0.49 U	NS	410 U	0.3 UJ	0.3 U	0.46 U	0.41 UJ

TABLE A-3  
Data Summary Table for Sediment

Sample Locaton: Sample Date: Unit: Starting Depth (inches): Ending Depth (inches):	KPT20-2 7/16/1997 mg/kg	KPT49-1 7/16/1997 mg/kg	KPT49-1 7/16/1997 ug/kg	KPT65-3 7/3/1997 mg/kg	KPT65-3 7/3/1997 mg/kg	KPT92-7 7/23/1997 mg/kg	KPT92-7 7/23/1997 ug/kg	KRT12-8 1/7/2009 mg/kg	KRT12-8 1/7/2009 mg/kg	KRT16-8 1/7/2009 mg/kg	KRT16-8 1/7/2009 mg/kg
	0	0	0	0	2	0	0	0	2	0	2
	2	2	2	2	10	2	2	2	6	2	6
3+4-Methylphenol (m,p-Cresol)	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
3-Nitroaniline	1 U	NS	2100 U	3.1 U	1.2 U	NS	1000 U	0.58 U	0.58 U	0.89 U	0.79 U
4,4'-DDD	0.004 U	NS	5.3 J	0.0049 U	0.0049 U	NS	4.1 U	0.0058 U	0.0058 U	0.0089 RX	0.043 J
4,4'-DDE	0.0021 JN	0.0082 U	NS	0.0049 U	0.0049 U	NS	4.1 U	0.0058 U	0.0058 U	0.0089 RX	0.025 JN
4,4'-DDT	0.004 U	NS	7.7 JN	0.0049 U	0.0049 U	NS	4.1 U	0.0077 JN	0.0057 J	0.045 JN	0.046 JN
4,6-Dinitro-2-Methylphenol	1 U	NS	2100 U	3.1 U	1.2 U	NS	1000 U	0.58 U	0.58 U	0.89 U	0.79 UJ
4-Bromophenyl phenyl ether	0.4 U	NS	820 U	1.2 U	0.49 U	NS	410 U	0.3 U	0.3 U	0.46 U	0.41 UJ
4-Chloro-3-Methylphenol	0.4 U	NS	820 U	1.2 U	0.49 U	NS	410 U	0.3 U	0.3 U	0.46 U	0.41 U
4-Chloroaniline	0.4 U	NS	820 U	1.2 U	0.49 U	NS	410 U	0.3 U	0.3 U	0.46 U	0.41 U
4-Chlorophenyl phenyl ether	0.4 U	NS	820 U	1.2 U	0.49 U	NS	410 U	0.3 U	0.3 U	0.46 U	0.41 U
4-Methylphenol (p-Cresol)	0.1 J	NS	4000	1.2 U	0.49 U	NS	410 U	0.3 U	0.3 U	0.46 U	0.41 U
4-Nitroaniline	1 U	NS	2100 U	3.1 U	1.2 U	NS	1000 U	0.58 U	0.58 U	0.89 U	0.79 U
4-Nitrophenol	1 U	NS	2100 U	3.1 U	1.2 U	NS	1000 U	0.58 U	0.58 U	0.89 U	0.79 U
Acenaphthene	0.044 J	NS	110 J	0.08 J	0.039 J	NS	410 U	0.3 U	0.062 J	0.46 U	0.41 U
Acenaphthylene	0.4 U	NS	70 J	0.11 J	0.49 U	NS	410 U	0.3 U	0.051 J	0.46 U	0.41 U
Acetone (a)	0.012 U	NS	140 U	0.19 BJ (b)	0.3 EBJ (b)	NS	9 J	0.099	0.17 J	0.47	0.26 J
Acetophenone	NS	NS	NS	NS	NS	NS	NS	0.3 U	0.3 U	0.46 U	0.41 U
Aldrin	0.002 U	NS	4.2 U	0.0025 U	0.0025 U	NS	2.1 U	0.003 U	0.003 U	0.0046 U	0.004 U
alpha-BHC	0.002 U	NS	4.2 U	0.0025 U	0.0025 U	NS	2.1 U	0.003 U	0.003 U	0.0046 U	0.004 U
alpha-Chlordane	0.999 R	NS	3 J	0.0025 U	0.0025 U	NS	2.1 U	0.0016 J	0.0016 J	0.0052 JN	0.0055 J
Aluminum	1430	5410	NS	5670	5560	1320	NS	4030	8560	2990	17600
Anthracene	0.092 J	NS	330 J	0.26 J	0.056 J	NS	410 U	0.062 J	0.21 J	0.46 U	0.057 J
Antimony	0.62 U	1.4 U	NS	1.8 B	1.4 B	0.77 U	NS	0.98 J	3.1 J	1 J	1.3 J
Arsenic	3.6	15.1	NS	7.5	9.5	5.3	NS	6.2	11.3	6	16.3
Atrazine	NS	NS	NS	NS	NS	NS	NS	0.3 U	0.3 U	0.46 U	0.41 UJ
Barium	27.5 B	168	NS	232	126	21.4 B	NS	143	378	120	1030
Benzaldehyde	NS	NS	NS	NS	NS	NS	NS	0.075 J	0.077 J	0.17 J	0.046 J
Benzene	0.012 U	NS	25 U	0.015 U	0.015 U	NS	12 U	0.999 R	0.0083 U	0.0032 J	0.999 R
Benzo(a)anthracene	0.38 J	NS	1500	1.2 J	0.23 J	NS	410 U	0.36 J	0.74	0.23 J	0.19 J
Benzo(a)pyrene	0.36 J	NS	1400 J	0.89 J	0.2 J	NS	410 U	0.41	0.77	0.28 J	0.2 J
Benzo(b)fluoranthene	0.73 Y	NS	2300 J	1.1 J	0.22 J	NS	410 U	0.43	0.64	0.38 J	0.27 J
Benzo(g,h,i)perylene	0.27 J	NS	1200 J	0.81 J	0.21 J	NS	410 U	0.13 J	0.095 J	0.061 J	0.047 J
Benzo(k)fluoranthene	0.4 U	NS	820 UJ	1.2 UJ	0.16 J	NS	410 U	0.36	0.92	0.43 J	0.2 J
Beryllium	0.03 B	0.05 U	NS	0.15 B	0.11 B	0.02 U	NS	0.25 J	0.56 J	0.18 J	1.2
beta-BHC	0.002 U	NS	4.2 U	0.0025 U	0.0025 U	NS	2.1 U	0.003 U	0.003 U	0.0046 U	0.004 RX
beta-Chlordane	0.002 J	0.0042 JN	NS	0.0025 U	0.0025 U	NS	2.1 U	0.003 U	0.003 U	0.0046 RX	0.004 RX
bis(2-Chloroethoxy)methane	0.4 U	NS	820 U	1.2 U	0.49 U	NS	410 U	0.3 U	0.3 U	0.46 U	0.41 U
bis(2-Chloroethyl)ether	0.4 U	NS	820 U	1.2 U	0.49 U	NS	410 U	0.3 U	0.3 U	0.46 U	0.41 U
bis(2-Chloroisopropyl)ether	0.4 UJ	0.82 U	NS	1.2 U	0.49 UJ	NS	410 U	0.3 U	0.3 U	0.46 U	0.41 U
bis(2-Ethylhexyl)phthalate (a)	0.32 J	NS	2300	1.2 U	0.49 U	NS	410 U	0.3 UB	0.3 UB	0.46 UB	0.41 UBJ
Bromodichloromethane (Dichlorobromomethane)	0.012 U	NS	25 U	0.015 U	0.015 U	NS	12 U	0.999 R	0.0083 U	0.999 R	0.999 R
Bromoform (Tribromomethane)	0.012 U	NS	25 U	0.015 U	0.015 U	NS	12 U	0.999 R	0.0083 U	0.999 R	0.999 R
Bromomethane (Methyl bromide)	0.012 U	NS	25 U	0.015 U	0.015 U	NS	12 U	0.0092 U	0.0083 U	0.0082 U	0.014 U
Butyl benzyl phthalate (a)	0.061 J	NS	86 J	1.2 U	0.49 U	NS	410 U	0.3 UJ	0.3 U	0.46 U	0.41 UJ
Cadmium	0.09 U	1.1 B	NS	2	1.1 B	0.07 U	NS	1.5	4.9	0.9 J	8.9
Calcium	24500	56700	NS	37600	56500	39500	NS	35700	33400	18000	12300
Caprolactam	NS	NS	NS	NS	NS	NS	NS	0.3 U	0.3 U	0.46 U	0.41 U
Carbazole	0.077 J	NS	820 U	1.2 U	0.49 U	NS	410 U	0.04 J	0.088 J	0.46 U	0.41 UJ
Carbon disulfide (a)	0.012 U	NS	4 J	0.006 J	0.011 J	NS	12 U	0.0092 U	0.0083 U	0.0045 J (b)	0.01 J (b)
Carbon tetrachloride	0.012 U	NS	25 U	0.015 U	0.015 U	NS	12 U	0.999 R	0.0083 U	0.999 R	0.999 R
Chlordane (technical)	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS



TABLE A-3  
Data Summary Table for Sediment

Sample Locaton: Sample Date: Unit: Starting Depth (inches): Ending Depth (inches):	KPT20-2 7/16/1997 mg/kg	KPT49-1 7/16/1997 mg/kg	KPT49-1 7/16/1997 ug/kg	KPT65-3 7/3/1997 mg/kg	KPT65-3 7/3/1997 mg/kg	KPT92-7 7/23/1997 mg/kg	KPT92-7 7/23/1997 ug/kg	KRT12-8 1/7/2009 mg/kg	KRT12-8 1/7/2009 mg/kg	KRT16-8 1/7/2009 mg/kg	KRT16-8 1/7/2009 mg/kg
	0	0	0	0	2	0	0	0	2	0	2
	2	2	2	2	10	2	2	2	6	2	6
Chlorobenzene	0.012 U	NS	15 J	0.004 J	0.015 U	NS	12 U	0.999 R	0.0083 U	0.999 R	0.999 R
Chlorobromomethane (Bromochloromethane)	NS	NS	NS	NS	NS	NS	NS	0.0092 U	0.0083 U	0.0082 U	0.014 U
Chlorodibromomethane (Dibromochloromethane)	0.012 U	NS	25 U	0.015 U	0.015 U	NS	12 U	0.999 R	0.0083 U	0.999 R	0.999 R
Chloroethane	0.012 U	NS	25 U	0.015 U	0.015 U	NS	12 U	0.0092 U	0.0083 U	0.0082 U	0.014 U
Chloroform	0.012 U	NS	25 U	0.015 U	0.015 U	NS	12 U	0.0092 UB	0.0083 UB	0.018 UB	0.015 UBJ
Chloromethane (Methyl chloride)	0.012 U	NS	25 U	0.015 U	0.015 U	NS	12 U	0.0092 U	0.0083 U	0.0082 U	0.014 U
Chromium	7.3	50.3	NS	41.7	23.3	8.3	NS	46.6 J	131 J	47.9 J	401
Chrysene	0.45	NS	1600	1 J	0.25 J	NS	410 U	0.51 J	0.89	0.41 J	0.3 J
cis-1,2-Dichloroethene	NS	NS	NS	NS	NS	NS	NS	0.0092 U	0.0083 U	0.0082 U	0.014 U
cis-1,3-Dichloropropene	0.012 U	NS	25 U	0.015 U	0.015 U	NS	12 U	0.999 R	0.0083 U	0.999 R	0.999 R
Cobalt	2.1 B	6 B	NS	3.6 B	4.4 B	2 B	NS	3.8 J	7.5 J	2.2 J	14.4 J
Copper	6.2	66	NS	112	66.9	2.9 B	NS	50.8	161	49.4	504
Cyanide	0.62 U	1.5 U	NS	0.93 U	0.8 U	0.71 UJ	NS	NS	NS	NS	NS
Cyclohexane	NS	NS	NS	NS	NS	NS	NS	0.999 R	0.0083 U	0.999 R	0.999 R
delta-BHC	0.002 U	NS	4.2 U	0.0025 U	0.0025 U	NS	2.1 U	0.003 U	0.003 U	0.01 JN	0.017 J
Dibenzo(a,h)anthracene	0.13 J	NS	370 J	0.29 J	0.098 J	NS	410 U	0.033 J	0.051 J	0.46 U	0.41 UJ
Dibenzofuran	0.024 J	NS	68 J	1.2 U	0.49 U	NS	410 U	0.3 U	0.046 J	0.46 U	0.41 U
Dichlorodifluoromethane	NS	NS	NS	NS	NS	NS	NS	0.0092 U	0.0083 U	0.0082 U	0.014 U
Dieldrin	0.004 U	NS	5.8 J	0.0049 U	0.0049 U	NS	4.1 U	0.0058 U	0.0058 U	0.013 JN	0.013 JN
Diethyl phthalate	0.4 U	NS	820 U	1.2 U	0.49 U	NS	410 U	0.3 U	0.3 U	0.46 U	0.41 U
Dimethyl phthalate	0.4 U	NS	820 U	1.2 U	0.49 U	NS	410 U	0.3 U	0.3 U	0.46 U	0.41 U
Di-n-butyl phthalate (a)	0.4 U	NS	820 U	1.2 U	0.49 U	NS	410 U	0.03 J (b)	0.3 U	0.46 U	0.17 J (b)
Di-n-octyl phthalate (a)	0.4 UJ	NS	57 J	1.2 UJ	0.49 UJ	NS	410 U	0.3 U	0.3 U	0.46 U	0.41 U
Endosulfan I	0.0014 JN	NS	4.2 U	0.0025 U	0.0025 U	NS	2.1 U	0.003 U	0.0016 J	0.0046 RX	0.0074 JN
Endosulfan II	0.004 U	NS	8.2 U	0.0049 U	0.0049 U	NS	4.1 U	0.0058 U	0.0058 U	0.0089 U	0.0078 U
Endosulfan sulfate	0.004 U	NS	8.2 U	0.0049 U	0.0049 U	NS	4.1 U	0.0058 U	0.0058 U	0.0089 U	0.0078 U
Endrin	0.004 U	NS	8.2 U	0.0049 U	0.0049 U	NS	4.1 U	0.0058 U	0.0058 U	0.0097 J	0.0081 JN
Endrin aldehyde	0.004 U	NS	8.1 J	0.0049 U	0.0049 U	NS	4.1 U	0.0058 U	0.0058 U	0.0089 U	0.0078 RX
Endrin ketone	0.004 U	NS	7.7 J	0.0049 U	0.0049 U	NS	4.1 U	0.0058 U	0.0058 J	0.012 JN	0.019 J
Ethylbenzene	0.012 U	NS	25 U	0.015 U	0.015 U	NS	12 U	0.999 R	0.0083 U	0.999 R	0.999 R
Fluoranthene	0.95	NS	2600	1.3	0.39 J	NS	410 U	0.62	1.3	0.68	0.35 J
Fluorene	0.048 J	NS	150 J	0.12 J	0.038 J	NS	410 U	0.3 U	0.086 J	0.46 U	0.41 U
Freon-113 (1,1,2-trichloro-1,2,2-trifluoroethane)	NS	NS	NS	NS	NS	NS	NS	0.0092 U	0.0083 U	0.0082 U	0.014 U
gamma-BHC (Lindane)	0.002 U	NS	4.2 U	0.0025 U	0.0025 U	NS	2.1 U	0.003 U	0.003 U	0.0046 U	0.004 U
gamma-Chlordane	NS	NS	4.2 JN	NS	NS	NS	NS	NS	NS	NS	NS
Heptachlor	0.002 U	NS	4.2 U	0.0025 U	0.0025 U	NS	2.1 U	0.003 U	0.003 U	0.0046 U	0.0054 JN
Heptachlor Epoxide	0.999 R	NS	2.3 JN	0.0025 U	0.0025 U	NS	2.1 U	0.003 U	0.003 U	0.0046 RX	0.004 RX
Hexachlorobenzene	0.4 U	NS	820 U	1.2 U	0.49 U	NS	410 U	0.3 U	0.3 U	0.46 U	0.41 UJ
Hexachlorobutadiene	0.4 U	NS	820 U	1.2 U	0.49 U	NS	410 U	0.3 U	0.3 U	0.46 U	0.41 U
Hexachlorocyclopentadiene	0.4 U	NS	820 U	1.2 U	0.49 U	NS	410 U	0.3 UJ	0.3 UJ	0.46 UJ	0.41 UJ
Hexachloroethane	0.4 U	NS	820 U	1.2 U	0.49 U	NS	410 U	0.3 U	0.3 U	0.46 U	0.41 U
Indeno(1,2,3-cd)pyrene	0.27 J	NS	1000 J	0.56 J	0.15 J	NS	410 U	0.14 J	0.11 J	0.061 J	0.41 UJ
Iron	6930	20800	NS	9170	13200	6080	NS	11500	13900	7810	16900
Isophorone	0.4 U	NS	820 U	1.2 U	0.49 U	NS	410 U	0.3 U	0.3 U	0.46 U	0.41 U
Isopropylbenzene (Cumene)	NS	NS	NS	NS	NS	NS	NS	0.999 R	0.0083 U	0.999 R	0.999 R
Lead	45.1	139	NS	300	135	8.2	NS	129	596	111	1080 J
m+p-Xylenes	NS	NS	NS	NS	NS	NS	NS	0.999 R	0.0083 U	0.999 R	0.999 R
Magnesium	5030	7640	NS	5460	8730	7240	NS	6280	7240	2000	5140
Manganese	257	1080	NS	207	268	257	NS	324	285	212	305
Mercury	0.06 U	0.46	NS	2.4	3.5	0.05 U	NS	0.39	1.2	1.5	4
Methoxychlor	0.02 U	NS	42 U	0.025 U	0.025 U	NS	21 U	0.03 U	0.03 U	0.046 U	0.04 U

TABLE A-3  
Data Summary Table for Sediment

Sample Locaton: Sample Date: Unit: Starting Depth (inches): Ending Depth (inches):	KPT20-2 7/16/1997 mg/kg	KPT49-1 7/16/1997 mg/kg	KPT49-1 7/16/1997 ug/kg	KPT65-3 7/3/1997 mg/kg	KPT65-3 7/3/1997 mg/kg	KPT92-7 7/23/1997 mg/kg	KPT92-7 7/23/1997 ug/kg	KRT12-8 1/7/2009 mg/kg	KRT12-8 1/7/2009 mg/kg	KRT16-8 1/7/2009 mg/kg	KRT16-8 1/7/2009 mg/kg
	0	0	0	0	2	0	0	0	2	0	2
	2	2	2	2	10	2	2	2	6	2	6
Methyl acetate	NS	NS	NS	NS	NS	NS	NS	0.0092 U	0.0083 U	0.0082 U	0.014 U
Methyl isobutyl ketone (4-Methyl-2-pentanone)	0.012 U	NS	25 U	0.015 U	0.015 U	NS	12 U	0.999 R	0.017 U	0.999 R	0.999 R
Methyl tertiary butyl ether (MTBE)	NS	NS	NS	NS	NS	NS	NS	0.0092 U	0.0083 U	0.0082 U	0.014 U
Methylcyclohexane	NS	NS	NS	NS	NS	NS	NS	0.999 R	0.0083 U	0.999 R	0.999 R
Methylene chloride (Dichloromethane) (a)	0.002 J	NS	25 U	0.024	0.02	NS	10 J	0.0092 U	0.0083 U	0.0082 U	0.014 U
Naphthalene	0.4 U	NS	82 J	1.2 U	0.49 U	NS	410 U	0.3 U	0.041 J	0.46 U	0.41 U
Nickel	5.1 B	19.5	NS	10.6 B	10.3 B	6.1 B	NS	14.4	31.1	12	99.1
Nitrobenzene	0.4 U	NS	820 U	1.2 U	0.49 U	NS	410 U	0.3 U	0.3 U	0.46 U	0.41 U
N-Nitrosodi-n-propylamine	0.4 U	NS	820 U	1.2 U	0.49 U	NS	410 U	0.3 U	0.3 U	0.46 U	0.41 U
N-Nitrosodiphenylamine	0.4 U	NS	820 U	1.2 U	0.49 U	NS	410 U	0.3 U	0.3 U	0.46 U	0.41 UJ
OCDD	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
OCDF	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
o-Xylene	NS	NS	NS	NS	NS	NS	NS	0.999 R	0.0083 U	0.999 R	0.999 R
Pentachlorophenol	1 U	NS	2100 U	3.1 U	1.2 U	NS	1000 U	0.58 U	0.58 U	0.89 UJ	0.79 UJ
Phenanthrene	0.63	NS	1600	0.59 J	0.13 J	NS	410 U	0.37	0.85	0.21 J	0.19 J
Phenol	0.4 U	NS	190 J	1.2 U	0.49 U	NS	410 U	0.3 U	0.3 U	0.46 U	0.41 U
Potassium	152 B	593 B	NS	410 B	427 B	116 B	NS	360 J	478 J	235 J	627 J
Pyrene	0.88	NS	3600	3.1	0.47 J	NS	20 J	0.82 J	1.2	0.51	0.21 J
Selenium	0.85 U	2.4	NS	1.7	1.1 B	0.88 U	NS	5.8 U	0.69 J	9.5 U	2.2 J
Silver	0.23 U	0.7 B	NS	1.9 B	0.71 B	0.46 U	NS	0.71 J	2.1 J	0.79 J	5.8
Sodium	91.7 U	205 U	NS	121 U	116 U	133 U	NS	126 J	167 J	147 J	309 J
Styrene	0.012 U	NS	25 U	0.015 U	0.015 U	NS	12 U	0.999 R	0.0083 U	0.999 R	0.999 R
Tetrachloroethene (PCE)	0.012 U	NS	3 J	0.002 J	0.015 U	NS	12 U	0.999 R	0.0083 U	0.999 R	0.999 R
Thallium	1.3 U	2.9 U	NS	1.7 U	1.6 U	1.3 U	NS	4.2 U	4.3 U	6.8 U	5.4 U
Toluene (a)	0.012 U	NS	5 J	0.007 J	0.012 J	NS	12 U	0.0034 J (a)	0.0083 U	0.0039 J (b)	0.0079 J (b)
Toxaphene	0.2 U	NS	420 U	0.25 U	0.25 U	NS	210 U	0.3 U	0.3 U	0.46 U	0.4 U
trans-1,2-Dichloroethene	NS	NS	NS	NS	NS	NS	NS	0.0092 U	0.0083 U	0.0082 U	0.014 U
trans-1,3-Dichloropropene	0.012 U	NS	25 U	0.015 U	0.015 U	NS	12 U	0.999 R	0.0083 U	0.999 R	0.999 R
Trichloroethene (TCE)	0.012 U	NS	25 U	0.008 J	0.004 J	NS	4 J	0.999 R	0.0083 U	0.999 R	0.999 R
Trichlorofluoromethane	NS	NS	NS	NS	NS	NS	NS	0.0092 U	0.0083 U	0.0082 U	0.014 U
Vanadium	6.5 B	15.1 B	NS	8.9 B	12 B	4.5 B	NS	11.3	17.7	5.8 J	28.8
Vinyl Chloride	0.012 U	NS	25 U	0.015 U	0.015 U	NS	12 U	0.0092 U	0.0083 U	0.0082 U	0.014 U
Xylenes, Total	0.012 U	NS	25 U	0.015 U	0.015 U	NS	12 U	NS	NS	NS	NS
Zinc	39.1	214	NS	208	159	25.9 J	NS	169	450	129	875

Notes:  
(a) Potential laboratory contaminant.  
(b) For potential lab contaminants: The detected value is J / B flagged and the result is less than the reporting limit; the sample is considered a non-detect.

mg/kg = milligrams per kilogram  
ug/kg = microgram per kilogram

TABLE A-3  
Data Summary Table for Sediment

Sample Locaton: Sample Date: Unit: Starting Depth (inches): Ending Depth (inches):	KRT4-2 1/7/2009 mg/kg 0 2	KRT4-2 1/7/2009 mg/kg 2 6	KRT5-3 1/7/2009 mg/kg 0 2	KRT5-3 1/7/2009 mg/kg 2 6	OCIFP-003 10/18/2011 mg/kg 0 6	OCISED-013 11/2/2011 mg/kg 0 6	OCISED-018 11/1/2011 mg/kg 0 5	OCISED-018 11/1/2011 pg/g 0 5	OCISED-023 11/2/2011 mg/kg 0 6	OCISED-033 11/3/2011 mg/kg 0 6	OCISED-038 11/3/2011 mg/kg 0 6
1,1,1-Trichloroethane	0.0068 U	0.999 R	0.0055 U	0.999 R	0.034 U	0.005 U	NS	NS	0.0089 U	0.0049 U	NS
1,1,2,2-Tetrachloroethane	0.0068 U	0.999 R	0.0055 U	0.999 R	0.034 U	0.005 U	NS	NS	0.0089 R	0.0049 U	NS
1,1,2-Trichloroethane	0.0068 U	0.999 R	0.0055 U	0.999 R	0.034 U	0.005 U	NS	NS	0.0089 UJ	0.0049 U	NS
1,1-Dichloroethane	0.0068 U	0.0079 U	0.0055 U	0.999 R	0.034 U	0.005 U	NS	NS	0.0089 U	0.0049 U	NS
1,1-Dichloroethene	0.0068 U	0.0079 U	0.0055 U	0.999 R	0.034 U	0.005 U	NS	NS	0.0089 U	0.0049 U	NS
1,2,3,4,6,7,8-HpCDD	NS	NS	NS	NS	NS	NS	NS	4.9 U	NS	NS	NS
1,2,3,4,6,7,8-HpCDF	NS	NS	NS	NS	NS	NS	NS	4.9 U	NS	NS	NS
1,2,3,4,7,8,9-HpCDF	NS	NS	NS	NS	NS	NS	NS	4.9 U	NS	NS	NS
1,2,3,4,7,8-HxCDD	NS	NS	NS	NS	NS	NS	NS	4.9 U	NS	NS	NS
1,2,3,4,7,8-HxCDF	NS	NS	NS	NS	NS	NS	NS	4.9 U	NS	NS	NS
1,2,3,6,7,8-HxCDD	NS	NS	NS	NS	NS	NS	NS	4.9 U	NS	NS	NS
1,2,3,6,7,8-HxCDF	NS	NS	NS	NS	NS	NS	NS	4.9 U	NS	NS	NS
1,2,3,7,8,9-HxCDD	NS	NS	NS	NS	NS	NS	NS	4.9 U	NS	NS	NS
1,2,3,7,8,9-HxCDF	NS	NS	NS	NS	NS	NS	NS	4.9 U	NS	NS	NS
1,2,3,7,8-PeCDD	NS	NS	NS	NS	NS	NS	NS	4.9 U	NS	NS	NS
1,2,3,7,8-PeCDF	NS	NS	NS	NS	NS	NS	NS	4.9 U	NS	NS	NS
1,2,3-Trichlorobenzene	0.999 R	0.999 R	0.0055 U	0.999 R	0.034 U	0.005 U	NS	NS	0.0089 R	0.0049 U	NS
1,2,4,5-Tetrachlorobenzene	0.33 U	0.27 UJ	0.23 U	0.29 U	NS	NS	0.39 U	NS	NS	NS	0.37 U
1,2,4-Trichlorobenzene	0.999 R	0.999 R	0.0055 U	0.999 R	0.034 U	0.005 U	NS	NS	0.0089 R	0.0049 U	NS
1,2-Dibromo-3-Chloropropane	0.999 R	0.999 R	0.0055 U	0.999 R	0.034 U	0.005 U	NS	NS	0.0089 R	0.0049 U	NS
1,2-Dibromoethane (Ethylene dibromide)	0.0068 U	0.999 R	0.0055 U	0.999 R	0.034 U	0.005 U	NS	NS	0.0089 UJ	0.0049 U	NS
1,2-Dichlorobenzene	0.999 R	0.999 R	0.0055 U	0.999 R	0.034 U	0.005 U	NS	NS	0.0089 R	0.0049 U	NS
1,2-Dichloroethane	0.0068 U	0.0079 U	0.0055 U	0.999 R	0.034 U	0.005 U	NS	NS	0.0089 U	0.0049 U	NS
1,2-Dichloroethene (Total)	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
1,2-Dichloropropane	0.0068 U	0.999 R	0.0055 U	0.999 R	0.034 U	0.005 U	NS	NS	0.0089 U	0.0049 U	NS
1,3-Dichlorobenzene	0.999 R	0.999 R	0.0055 U	0.999 R	0.034 U	0.005 U	NS	NS	0.0089 R	0.0049 U	NS
1,4-Dichlorobenzene	0.999 R	0.999 R	0.0055 U	0.999 R	0.034 U	0.005 U	NS	NS	0.0089 R	0.0049 U	NS
1,4-Dioxane (p-Dioxane)	0.999 R	0.999 R	0.999 R	0.999 R	NS	NS	NS	NS	NS	NS	NS
2,2'-Oxybis(1-Chloropropane)	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
2,3,4,6,7,8-HxCDF	NS	NS	NS	NS	NS	NS	NS	4.9 U	NS	NS	NS
2,3,4,6-Tetrachlorophenol	0.33 U	0.27 UJ	0.23 U	0.29 U	NS	NS	NS	NS	NS	NS	NS
2,3,4,7,8-PeCDF	NS	NS	NS	NS	NS	NS	NS	4.9 U	NS	NS	NS
2,3,7,8-TCDD	NS	NS	NS	NS	NS	NS	NS	0.99 U	NS	NS	NS
2,3,7,8-TCDF	NS	NS	NS	NS	NS	NS	NS	0.99 U	NS	NS	NS
2,4,5-Trichlorophenol	0.33 U	0.27 UJ	0.23 U	0.29 U	NS	NS	0.98 U	NS	NS	NS	0.92 U
2,4,6-Trichlorophenol	0.33 U	0.27 U	0.23 U	0.29 U	NS	NS	0.39 U	NS	NS	NS	0.37 U
2,4-Dichlorophenol	0.33 U	0.27 U	0.23 U	0.29 U	NS	NS	0.39 U	NS	NS	NS	0.37 U
2,4-Dimethylphenol	0.33 U	0.27 U	0.23 U	0.29 U	NS	NS	0.39 U	NS	NS	NS	0.37 U
2,4-Dinitrophenol	0.63 U	0.53 UJ	0.44 U	0.56 U	NS	NS	0.98 UJ	NS	NS	NS	0.92 U
2,4-Dinitrotoluene	0.33 U	0.27 UJ	0.23 U	0.29 U	NS	NS	0.39 U	NS	NS	NS	0.37 U
2,6-Dinitrotoluene	0.33 U	0.27 UJ	0.23 U	0.29 U	NS	NS	0.39 U	NS	NS	NS	0.37 U
2-Butanone (Methyl ethyl ketone) (a)	0.036 J	0.043 J	0.011 U	0.11 J	0.034 U	0.005 U	NS	NS	0.032 J	0.0049 U	NS
2-Chloronaphthalene	0.33 U	0.27 UJ	0.23 U	0.29 U	NS	NS	0.39 U	NS	NS	NS	0.37 U
2-Chlorophenol	0.33 U	0.27 U	0.23 U	0.29 U	NS	NS	0.39 U	NS	NS	NS	0.37 U
2-Hexanone	0.014 U	0.999 R	0.011 U	0.999 R	0.034 U	0.005 U	NS	NS	0.0089 UJ	0.0049 U	NS
2-Methylnaphthalene	0.037 J	0.069 J	0.23 U	0.035 J	NS	NS	0.39 U	NS	NS	NS	0.37 U
2-Methylphenol (o-Cresol)	0.33 U	0.089 J	0.23 U	0.29 U	NS	NS	0.39 U	NS	NS	NS	0.37 U
2-Nitroaniline	0.63 U	0.53 UJ	0.44 U	0.56 U	NS	NS	0.98 U	NS	NS	NS	0.92 U
2-Nitrophenol	0.33 U	0.27 U	0.23 U	0.29 U	NS	NS	0.39 U	NS	NS	NS	0.37 U
3,3'-Dichlorobenzidine	0.33 U	0.27 UJ	0.23 U	0.29 U	NS	NS	0.39 U	NS	NS	NS	0.37 U

TABLE A-3  
Data Summary Table for Sediment

Sample Locaton: Sample Date: Unit: Starting Depth (inches): Ending Depth (inches):	KRT4-2 1/7/2009 mg/kg	KRT4-2 1/7/2009 mg/kg	KRT5-3 1/7/2009 mg/kg	KRT5-3 1/7/2009 mg/kg	OCIFP-003 10/18/2011 mg/kg	OCISED-013 11/2/2011 mg/kg	OCISED-018 11/1/2011 mg/kg	OCISED-018 11/1/2011 pg/g	OCISED-023 11/2/2011 mg/kg	OCISED-033 11/3/2011 mg/kg	OCISED-038 11/3/2011 mg/kg
	0	2	0	2	0	0	0	0	0	0	0
	2	6	2	6	6	6	5	5	6	6	6
3+4-Methylphenol (m,p-Cresol)	NS	NS	NS	NS	NS	NS	0.79 U	NS	NS	NS	0.75 U
3-Nitroaniline	0.63 U	0.53 UJ	0.44 U	0.56 U	NS	NS	0.98 U	NS	NS	NS	0.92 U
4,4'-DDD	0.0083	0.0053 RX	0.0024 J	0.0056 U	NS	NS	6E-04 J	NS	NS	NS	4E-04 J
4,4'-DDE	0.008	0.025	0.003 J	0.0062 JN	NS	NS	8E-04 J	NS	NS	NS	7E-04 J
4,4'-DDT	0.006 J	0.042	0.003 J	0.0083 J	NS	NS	4E-04 J	NS	NS	NS	0.004 U
4,6-Dinitro-2-Methylphenol	0.63 U	0.53 U	0.44 U	0.56 U	NS	NS	0.98 UJ	NS	NS	NS	0.92 U
4-Bromophenyl phenyl ether	0.33 U	0.27 U	0.23 U	0.29 U	NS	NS	0.39 U	NS	NS	NS	0.37 U
4-Chloro-3-Methylphenol	0.33 U	0.27 U	0.23 U	0.29 U	NS	NS	0.39 U	NS	NS	NS	0.37 U
4-Chloroaniline	0.33 U	0.27 U	0.23 U	0.29 U	NS	NS	0.39 U	NS	NS	NS	0.37 U
4-Chlorophenyl phenyl ether	0.33 U	0.27 UJ	0.23 U	0.29 U	NS	NS	0.39 U	NS	NS	NS	0.37 U
4-Methylphenol (p-Cresol)	0.38	0.069 J	0.23 U	0.29 U	NS	NS	NS	NS	NS	NS	NS
4-Nitroaniline	0.63 U	0.53 UJ	0.44 U	0.56 U	NS	NS	0.98 U	NS	NS	NS	0.92 U
4-Nitrophenol	0.63 U	0.53 UJ	0.44 U	0.56 U	NS	NS	0.98 U	NS	NS	NS	0.92 U
Acenaphthene	0.14 J	0.14 J	0.05 J	0.13 J	NS	NS	0.39 U	NS	NS	NS	0.37 U
Acenaphthylene	0.059 J	0.06 J	0.23 U	0.035 J	NS	NS	0.39 U	NS	NS	NS	0.37 U
Acetone (a)	0.099 J	0.11	0.011 UB	0.28 J	0.034 U	0.005 U	NS	NS	0.11 J	0.0049 U	NS
Acetophenone	0.33 U	0.27 U	0.23 U	0.29 U	NS	NS	0.39 U	NS	NS	NS	0.37 U
Aldrin	0.0033 U	0.0027 U	0.0023 U	0.0029 U	NS	NS	0.002 U	NS	NS	NS	0.002 U
alpha-BHC	0.0033 U	0.0027 U	0.0023 U	0.0029 U	NS	NS	0.002 U	NS	NS	NS	0.002 U
alpha-Chlordane	0.0039 J	0.011	0.0014 J	0.0024 J	NS	NS	0.002 U	NS	NS	NS	0.002 U
Aluminum	2740	5170	1440	2460	NS	NS	1790	NS	NS	NS	1810
Anthracene	0.33	0.28	0.13 J	0.35	NS	NS	0.39 U	NS	NS	NS	0.37 U
Antimony	11.5 UJ	0.79 J	7.8 UJ	0.66 J	NS	NS	4.6 U	NS	NS	NS	5.5 U
Arsenic	8.5	6.7	3.3	8.8	NS	NS	9.3	NS	NS	NS	3.6
Atrazine	0.33 U	0.27 U	0.23 U	0.29 U	NS	NS	0.39 U	NS	NS	NS	0.37 U
Barium	75	152	31.3	66.7	NS	NS	25.9 J	NS	NS	NS	18.8 J
Benzaldehyde	0.33 U	0.27 U	0.23 U	0.29 U	NS	NS	0.39 U	NS	NS	NS	0.37 U
Benzene	0.0068 U	0.0029 J	0.0055 U	0.0032 J	0.034 U	0.005 U	NS	NS	0.0089 U	0.0049 U	NS
Benzo(a)anthracene	1.5	1.2 J	0.67	1.6	NS	NS	0.39 U	NS	NS	NS	0.035
Benzo(a)pyrene	1.7	1.3	0.73	2.1	NS	NS	0.39 U	NS	NS	NS	0.37 U
Benzo(b)fluoranthene	1.8	1.3	0.75	2.6	NS	NS	0.39 UJ	NS	NS	NS	0.039
Benzo(g,h,i)perylene	0.39 J	0.26 J	0.21 J	0.31 J	NS	NS	0.39 U	NS	NS	NS	0.053
Benzo(k)fluoranthene	2.1	1.5	0.69	2.1	NS	NS	0.39 U	NS	NS	NS	0.036
Beryllium	0.17 J	0.47 J	0.12 J	0.15 J	NS	NS	0.1 J	NS	NS	NS	0.11 J
beta-BHC	0.011 J	0.0027 RX	0.0023 RX	0.0029 RX	NS	NS	0.002 U	NS	NS	NS	0.002 U
beta-Chlordane	0.0033 U	0.03 J	0.0023 U	0.0029 U	NS	NS	0.002 U	NS	NS	NS	1E-04 J
bis(2-Chloroethoxy)methane	0.33 U	0.27 U	0.23 U	0.29 U	NS	NS	0.39 U	NS	NS	NS	0.37 U
bis(2-Chloroethyl)ether	0.33 U	0.27 U	0.23 U	0.29 U	NS	NS	0.39 U	NS	NS	NS	0.37 U
bis(2-Chloroisopropyl)ether	0.33 U	0.27 U	0.23 U	0.29 U	NS	NS	0.39 U	NS	NS	NS	0.37 U
bis(2-Ethylhexyl)phthalate (a)	0.37	1.1 J	0.43	0.48	NS	NS	0.39 UJ	NS	NS	NS	0.031
Bromodichloromethane (Dichlorobromomethane)	0.0068 U	0.999 R	0.0055 U	0.999 R	0.034 U	0.005 U	NS	NS	0.0089 U	0.0049 U	NS
Bromoform (Tribromomethane)	0.999 R	0.999 R	0.0055 U	0.999 R	0.034 U	0.005 U	NS	NS	0.0089 UJ	0.0049 U	NS
Bromomethane (Methyl bromide)	0.0068 U	0.0079 U	0.0055 U	0.999 R	0.034 UJ	0.005 UJ	NS	NS	0.0089 UJ	0.0049 UJ	NS
Butyl benzyl phthalate (a)	0.33 UB	0.63 J	0.23 UB	0.29 UB	NS	NS	0.39 UJ	NS	NS	NS	0.37 U
Cadmium	0.71 J	1.8	0.23 J	0.57 J	NS	NS	0.078 J	NS	NS	NS	0.18 J
Calcium	41100	32700	20400	38700	NS	NS	63900 J	NS	NS	NS	73900 J
Caprolactam	0.33 U	0.27 U	0.23 U	0.29 U	NS	NS	0.39 U	NS	NS	NS	0.37 U
Carbazole	0.2 J	0.19 J	0.073 J	0.21 J	NS	NS	0.39 U	NS	NS	NS	0.37 U
Carbon disulfide (a)	0.0068 U	0.0034 J (b)	0.0055 U	0.0037 J (b)	0.034 U	0.005 UJ	NS	NS	0.0014 J (b)	0.0049 U	NS
Carbon tetrachloride	0.0068 U	0.999 R	0.0055 U	0.999 R	0.034 U	0.005 U	NS	NS	0.0089 U	0.0049 U	NS
Chlordane (technical)	NS	NS	NS	NS	NS	NS	0.019 U	NS	NS	NS	0.018 U

TABLE A-3  
Data Summary Table for Sediment

Sample Locaton: Sample Date: Unit: Starting Depth (inches): Ending Depth (inches):	KRT4-2 1/7/2009 mg/kg 0 2	KRT4-2 1/7/2009 mg/kg 2 6	KRT5-3 1/7/2009 mg/kg 0 2	KRT5-3 1/7/2009 mg/kg 2 6	OCIFP-003 10/18/2011 mg/kg 0 6	OCISED-013 11/2/2011 mg/kg 0 6	OCISED-018 11/1/2011 mg/kg 0 5	OCISED-018 11/1/2011 pg/g 0 5	OCISED-023 11/2/2011 mg/kg 0 6	OCISED-033 11/3/2011 mg/kg 0 6	OCISED-038 11/3/2011 mg/kg 0 6
Chlorobenzene	0.0068 U	0.999 R	0.0055 U	0.999 R	0.034 U	0.005 U	NS	NS	0.0089 UJ	0.0049 U	NS
Chlorobromomethane (Bromochloromethane)	0.0068 U	0.0079 U	0.0055 U	0.999 R	0.034 U	0.005 U	NS	NS	0.0089 U	0.0049 U	NS
Chlorodibromomethane (Dibromochloromethane)	0.0068 U	0.999 R	0.0055 U	0.999 R	0.034 U	0.005 U	NS	NS	0.0089 UJ	0.0049 U	NS
Chloroethane	0.0068 U	0.0079 U	0.0055 U	0.999 R	0.034 U	0.005 U	NS	NS	0.0089 U	0.0049 U	NS
Chloroform	0.013 UB	0.015 UBJ	0.017 UB	0.0073 UB	0.034 U	0.005 U	NS	NS	0.0089 U	0.0049 U	NS
Chloromethane (Methyl chloride)	0.0068 U	0.0079 U	0.0055 U	0.999 R	0.034 U	0.005 U	NS	NS	0.0089 U	0.0049 U	NS
Chromium	27.8 J	56.6	9.6 J	22.2 J	NS	NS	4.7 J	NS	NS	NS	11.5 J
Chrysene	2.2	1.8 J	0.91	2.4	NS	NS	0.39 U	NS	NS	NS	0.048
cis-1,2-Dichloroethene	0.0068 U	0.0079 U	0.0055 U	0.999 R	0.034 U	0.005 U	NS	NS	0.0089 U	0.0049 U	NS
cis-1,3-Dichloropropene	0.0068 U	0.999 R	0.0055 U	0.999 R	0.034 U	0.005 U	NS	NS	0.0089 U	0.0049 U	NS
Cobalt	3.2 J	4.3 J	1.9 J	2.9 J	NS	NS	2 J	NS	NS	NS	1.9 J
Copper	25.9	91.4	9.2	30.5	NS	NS	1.8 J	NS	NS	NS	6.5
Cyanide	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Cyclohexane	0.0068 U	0.999 R	0.0055 U	0.013 J	NS	NS	NS	NS	NS	NS	NS
delta-BHC	0.0033 U	0.22 D	0.0023 U	0.0029 U	NS	NS	0.002 U	NS	NS	NS	0.002 U
Dibenzo(a,h)anthracene	0.14 J	0.08 J	0.086 J	0.12 J	NS	NS	0.39 U	NS	NS	NS	0.37 U
Dibenzofuran	0.067 J	0.076 J	0.025 J	0.075 J	NS	NS	0.39 U	NS	NS	NS	0.37 U
Dichlorodifluoromethane	0.0068 U	0.0079 U	0.0055 U	0.999 R	0.034 U	0.005 U	NS	NS	0.0089 U	0.0049 U	NS
Dieldrin	0.0064 U	0.016 JN	0.0044 U	0.0056 U	NS	NS	0.004 U	NS	NS	NS	0.004 U
Diethyl phthalate	0.33 U	0.27 UJ	0.23 U	0.29 U	NS	NS	0.39 U	NS	NS	NS	0.37 U
Dimethyl phthalate	0.33 U	0.27 U	0.056 J	0.086 J	NS	NS	0.39 U	NS	NS	NS	0.37 U
Di-n-butyl phthalate (a)	0.33 U	0.27 U	0.23 U	0.037 J (b)	NS	NS	0.39 U	NS	NS	NS	0.37 U
Di-n-octyl phthalate (a)	0.33 U	0.27 U	0.23 U	0.14 J (b)	NS	NS	0.39 U	NS	NS	NS	0.37 U
Endosulfan I	0.0032 J	0.011	0.0023 U	0.0029 U	NS	NS	0.002 U	NS	NS	NS	0.002 U
Endosulfan II	0.0064 U	0.0053 U	0.0044 U	0.0056 U	NS	NS	0.004 U	NS	NS	NS	0.004 U
Endosulfan sulfate	0.0064 U	0.0053 U	0.0044 U	0.0056 U	NS	NS	0.004 U	NS	NS	NS	4E-04 J
Endrin	0.0064 U	0.013 J	0.0044 U	0.0056 U	NS	NS	0.004 U	NS	NS	NS	0.004 U
Endrin aldehyde	0.0064 U	0.0053 RX	0.0044 U	0.0056 U	NS	NS	0.004 U	NS	NS	NS	0.004 U
Endrin ketone	0.005 J	0.0099 JN	0.0025 J	0.0047 J	NS	NS	0.004 U	NS	NS	NS	0.004 U
Ethylbenzene	0.0068 U	0.999 R	0.0055 U	0.999 R	0.034 U	0.005 U	NS	NS	0.0089 UJ	0.0049 U	NS
Fluoranthene	4.5	3.4	1.6	4.5 D	NS	NS	0.39 U	NS	NS	NS	0.05
Fluorene	0.16 J	0.19 J	0.059 J	0.18 J	NS	NS	0.39 U	NS	NS	NS	0.37 U
Freon-113 (1,1,2-trichloro-1,2,2-trifluoroethane)	0.0068 U	0.0079 U	0.0055 U	0.999 R	0.034 U	0.005 U	NS	NS	0.0089 U	0.0049 U	NS
gamma-BHC (Lindane)	0.0033 U	0.0027 RX	0.0023 U	0.0029 U	NS	NS	0.002 U	NS	NS	NS	0.002 U
gamma-Chlordane	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Heptachlor	0.0033 JN	0.033	0.0023 U	0.0023 J	NS	NS	0.002 U	NS	NS	NS	0.002 U
Heptachlor Epoxide	0.0033 U	0.0027 RX	0.0023 U	0.0029 RX	NS	NS	0.002 U	NS	NS	NS	0.002 U
Hexachlorobenzene	0.33 U	0.27 U	0.23 U	0.29 U	NS	NS	0.39 U	NS	NS	NS	0.37 U
Hexachlorobutadiene	0.33 U	0.27 U	0.23 U	0.29 U	NS	NS	0.39 U	NS	NS	NS	0.37 U
Hexachlorocyclopentadiene	0.33 UJ	0.27 UJ	0.23 UJ	0.29 UJ	NS	NS	0.39 UJ	NS	NS	NS	0.37 U
Hexachloroethane	0.33 U	0.27 U	0.23 U	0.29 U	NS	NS	0.39 U	NS	NS	NS	0.37 U
Indeno(1,2,3-cd)pyrene	0.43 J	0.24 J	0.24 J	0.37 J	NS	NS	0.39 U	NS	NS	NS	0.37 U
Iron	12000	10100	6430	10300	NS	NS	8620 J	NS	NS	NS	5710 J
Isophorone	0.33 U	0.27 U	0.23 U	0.29 U	NS	NS	0.39 U	NS	NS	NS	0.37 U
Isopropylbenzene (Cumene)	0.0068 U	0.999 R	0.0055 U	0.999 R	0.034 U	0.005 U	NS	NS	0.0089 R	0.0049 U	NS
Lead	69.9	270 J	28.2	65.4	NS	NS	2.6	NS	NS	NS	12.4
m+p-Xylenes	0.0068 U	0.004 J	0.0055 U	0.999 R	NS	NS	NS	NS	NS	NS	NS
Magnesium	5520	6400	4040	4830	NS	NS	24500	NS	NS	NS	11800
Manganese	647	341	269	458	NS	NS	335 J	NS	NS	NS	218 J
Mercury	0.29	0.82	0.028 J	0.17	0.63	0.003	0.038 UB	NS	0.023	0.016	0.061
Methoxychlor	0.033 U	0.027 U	0.023 U	0.029 U	NS	NS	0.019 U	NS	NS	NS	0.018 U

TABLE A-3  
Data Summary Table for Sediment

Sample Locaton: Sample Date: Unit: Starting Depth (inches): Ending Depth (inches):	KRT4-2 1/7/2009 mg/kg	KRT4-2 1/7/2009 mg/kg	KRT5-3 1/7/2009 mg/kg	KRT5-3 1/7/2009 mg/kg	OCIFP-003 10/18/2011 mg/kg	OCISED-013 11/2/2011 mg/kg	OCISED-018 11/1/2011 mg/kg	OCISED-018 11/1/2011 pg/g	OCISED-023 11/2/2011 mg/kg	OCISED-033 11/3/2011 mg/kg	OCISED-038 11/3/2011 mg/kg
	0	2	0	2	0	0	0	0	0	0	0
	2	6	2	6	6	6	5	5	6	6	6
Methyl acetate	0.0068 U	0.0079 U	0.0055 U	0.999 R	NS	NS	NS	NS	NS	NS	NS
Methyl isobutyl ketone (4-Methyl-2-pentanone)	0.014 U	0.999 R	0.011 U	0.999 R	0.034 U	0.005 U	NS	NS	0.0089 U	0.0049 U	NS
Methyl tertiary butyl ether (MTBE)	0.0068 U	0.0079 U	0.0055 U	0.999 R	0.034 U	0.005 U	NS	NS	0.0089 U	0.0049 U	NS
Methylcyclohexane	0.0068 U	0.999 R	0.0055 U	0.999 R	NS	NS	NS	NS	NS	NS	NS
Methylene chloride (Dichloromethane) (a)	0.0068 U	0.0079 U	0.0055 U	0.999 R	0.034 U	0.005 U	NS	NS	0.0031 J (b)	0.0013 J (b)	NS
Naphthalene	0.051 J	0.085 J	0.23 U	0.055 J	NS	NS	0.39 U	NS	NS	NS	0.37 U
Nickel	9.9	22.6	4.4 J	8.6	NS	NS	3.9 J	NS	NS	NS	6.4 J
Nitrobenzene	0.33 U	0.27 U	0.23 U	0.29 U	NS	NS	0.39 U	NS	NS	NS	0.37 U
N-Nitrosodi-n-propylamine	0.33 U	0.27 U	0.23 U	0.29 U	NS	NS	0.39 U	NS	NS	NS	0.37 U
N-Nitrosodiphenylamine	0.33 U	0.27 U	0.23 U	0.29 U	NS	NS	0.45 U	NS	NS	NS	0.43 U
OCDD	NS	NS	NS	NS	NS	NS	NS	1.8 J	NS	NS	NS
OCDF	NS	NS	NS	NS	NS	NS	NS	9.9 U	NS	NS	NS
o-Xylene	0.0068 U	0.999 R	0.0055 U	0.999 R	NS	NS	NS	NS	NS	NS	NS
Pentachlorophenol	0.63 UJ	0.53 UJ	0.44 U	0.56 U	NS	NS	0.98 UJ	NS	NS	NS	0.92 U
Phenanthrene	2.3	1.7	0.83	2.5	NS	NS	0.39 U	NS	NS	NS	0.026
Phenol	0.33 U	0.27 U	0.23 U	0.29 U	NS	NS	0.39 U	NS	NS	NS	0.37 U
Potassium	295 J	437 J	168 J	234 J	NS	NS	138 J	NS	NS	NS	181 J
Pyrene	3.5	2.5 J	2.2	4.8 DJ	NS	NS	0.39 UJ	NS	NS	NS	0.066
Selenium	6.7 U	0.59 J	4.5 U	5.5 U	NS	NS	2.7 U	NS	NS	NS	3.2 U
Silver	0.37 J	0.82 J	1.3 UJ	1.6 UJ	NS	NS	0.77 U	NS	NS	NS	0.92 U
Sodium	141 J	227 J	72.6 J	103 J	NS	NS	62.7 J	NS	NS	NS	64.2 J
Styrene	0.0068 U	0.999 R	0.0055 U	0.999 R	0.034 U	0.005 U	NS	NS	0.0089 UJ	0.0049 U	NS
Tetrachloroethene (PCE)	0.0068 U	0.999 R	0.0055 U	0.999 R	0.034 U	0.005 U	NS	NS	0.0089 UJ	0.0049 U	NS
Thallium	4.8 U	3.5 U	3.2 U	4 U	NS	NS	1.9 U	NS	NS	NS	2.3 U
Toluene (a)	0.0029 J (b)	0.0055 J (b)	0.0055 U	0.0059 J (b)	0.034 U	0.005 UB	NS	NS	0.0089 UBJ	0.00036 J (b)	NS
Toxaphene	0.33 U	0.27 U	0.23 U	0.29 U	NS	NS	0.19 U	NS	NS	NS	0.18 U
trans-1,2-Dichloroethene	0.0068 U	0.0079 U	0.0055 U	0.999 R	0.034 U	0.005 U	NS	NS	0.0089 U	0.0049 U	NS
trans-1,3-Dichloropropene	0.0068 U	0.999 R	0.0055 U	0.999 R	0.034 U	0.005 U	NS	NS	0.0089 UJ	0.0049 U	NS
Trichloroethene (TCE)	0.0068 U	0.999 R	0.0055 U	0.999 R	0.034 U	0.005 U	NS	NS	0.0089 U	0.0049 U	NS
Trichlorofluoromethane	0.0068 U	0.0079 U	0.0055 U	0.999 R	0.034 U	0.005 U	NS	NS	0.0089 U	0.0049 U	NS
Vanadium	9 J	11	6.7	8.2	NS	NS	7.7	NS	NS	NS	6.5
Vinyl Chloride	0.0068 U	0.0079 U	0.0055 U	0.999 R	0.034 U	0.005 U	NS	NS	0.0089 U	0.0049 U	NS
Xylenes, Total	NS	NS	NS	NS	0.034 U	0.005 U	NS	NS	0.0089 UJ	0.0049 U	NS
Zinc	128	217	49.7	116	NS	NS	13.2 J	NS	NS	NS	26.2 J

Notes:  
(a) Potential laboratory contaminant.  
(b) For potential lab contaminants: The detected value is J / B flagged and the result is less than the reporting limit; the sample is considered a non-detect.

mg/kg = milligrams per kilogram  
ug/kg = microgram per kilogram

**TABLE A-3**  
**Data Summary Table for Sediment**

Sample Locaton: Sample Date: Unit: Starting Depth (inches): Ending Depth (inches):	OCISED-038 11/3/2011 pg/g	OCISED-043 11/3/2011 mg/kg	OCISED-053 11/3/2011 mg/kg	OCISED-063 11/4/2011 mg/kg	OCISED-073 11/4/2011 mg/kg	KP10F-1 10/29/2000 mg/kg	KPT20-2 7/16/1997 mg/kg	KPT49-1 7/16/1997 mg/kg	KPT49-1 7/16/1997 ug/kg
	0	0	0	0	0	6	2	2	2
	6	4	6	6	6	12	13	12	12
1,1,1-Trichloroethane	NS	0.023 U	0.0058 U	0.023 U	0.039 U	NS	0.011 U	NS	15 U
1,1,2,2-Tetrachloroethane	NS	0.023 U	0.0058 U	0.023 U	0.039 U	NS	0.011 U	NS	15 U
1,1,2-Trichloroethane	NS	0.023 U	0.0058 U	0.023 U	0.039 U	NS	0.011 U	NS	15 U
1,1-Dichloroethane	NS	0.023 U	0.0058 U	0.023 U	0.039 U	NS	0.011 U	NS	15 U
1,1-Dichloroethene	NS	0.023 U	0.0058 U	0.023 U	0.039 U	NS	0.011 U	NS	15 U
1,2,3,4,6,7,8-HpCDD	22	NS	NS	NS	NS	NS	NS	NS	NS
1,2,3,4,6,7,8-HpCDF	4.8 J	NS	NS	NS	NS	NS	NS	NS	NS
1,2,3,4,7,8,9-HpCDF	4.9 U	NS	NS	NS	NS	NS	NS	NS	NS
1,2,3,4,7,8-HxCDD	4.9 U	NS	NS	NS	NS	NS	NS	NS	NS
1,2,3,4,7,8-HxCDF	0.29 J	NS	NS	NS	NS	NS	NS	NS	NS
1,2,3,6,7,8-HxCDD	4.9 UX	NS	NS	NS	NS	NS	NS	NS	NS
1,2,3,6,7,8-HxCDF	4.9 UX	NS	NS	NS	NS	NS	NS	NS	NS
1,2,3,7,8,9-HxCDD	4.9 U	NS	NS	NS	NS	NS	NS	NS	NS
1,2,3,7,8,9-HxCDF	4.9 U	NS	NS	NS	NS	NS	NS	NS	NS
1,2,3,7,8-PeCDD	4.9 U	NS	NS	NS	NS	NS	NS	NS	NS
1,2,3,7,8-PeCDF	4.9 U	NS	NS	NS	NS	NS	NS	NS	NS
1,2,3-Trichlorobenzene	NS	0.023 UB	0.0058 U	0.023 UB	0.039 U	NS	NS	NS	NS
1,2,4,5-Tetrachlorobenzene	NS	NS	NS	NS	NS	NS	NS	NS	NS
1,2,4-Trichlorobenzene	NS	0.023 UB	0.0058 U	0.023 UB	0.039 U	NS	0.38 U	NS	500 U
1,2-Dibromo-3-Chloropropane	NS	0.023 U	0.0058 U	0.023 U	0.039 U	NS	NS	NS	NS
1,2-Dibromoethane (Ethylene dibromide)	NS	0.023 U	0.0058 U	0.023 U	0.039 U	NS	NS	NS	NS
1,2-Dichlorobenzene	NS	0.023 U	0.0058 U	0.023 U	0.039 U	NS	0.38 U	NS	500 U
1,2-Dichloroethane	NS	0.023 U	0.0058 U	0.023 U	0.039 U	NS	0.011 U	NS	15 U
1,2-Dichloroethene (Total)	NS	NS	NS	NS	NS	NS	0.011 U	NS	15 U
1,2-Dichloropropane	NS	0.023 U	0.0058 U	0.023 U	0.039 U	NS	0.011 U	NS	15 U
1,3-Dichlorobenzene	NS	0.023 U	0.0058 U	0.023 U	0.039 U	NS	0.38 U	NS	500 U
1,4-Dichlorobenzene	NS	0.023 U	0.0058 U	0.023 U	0.039 U	NS	0.38 U	NS	500 U
1,4-Dioxane (p-Dioxane)	NS	NS	NS	NS	NS	NS	NS	NS	NS
2,2'-Oxybis(1-Chloropropane)	NS	NS	NS	NS	NS	NS	NS	NS	500 UJ
2,3,4,6,7,8-HxCDF	4.9 U	NS	NS	NS	NS	NS	NS	NS	NS
2,3,4,6-Tetrachlorophenol	NS	NS	NS	NS	NS	NS	NS	NS	NS
2,3,4,7,8-PeCDF	4.9 U	NS	NS	NS	NS	NS	NS	NS	NS
2,3,7,8-TCDD	0.98 U	NS	NS	NS	NS	NS	NS	NS	NS
2,3,7,8-TCDF	0.98 UX	NS	NS	NS	NS	NS	NS	NS	NS
2,4,5-Trichlorophenol	NS	NS	NS	NS	NS	NS	0.95 U	NS	1200 U
2,4,6-Trichlorophenol	NS	NS	NS	NS	NS	NS	0.38 U	NS	500 U
2,4-Dichlorophenol	NS	NS	NS	NS	NS	NS	0.38 U	NS	500 U
2,4-Dimethylphenol	NS	NS	NS	NS	NS	NS	0.38 U	NS	500 U
2,4-Dinitrophenol	NS	NS	NS	NS	NS	NS	0.95 U	NS	1200 U
2,4-Dinitrotoluene	NS	NS	NS	NS	NS	NS	0.38 U	NS	500 U
2,6-Dinitrotoluene	NS	NS	NS	NS	NS	NS	0.38 U	NS	500 U
2-Butanone (Methyl ethyl ketone) (a)	NS	0.088 J	0.0058 U	0.1 J	0.039 U	NS	0.011 U	NS	15 U
2-Chloronaphthalene	NS	NS	NS	NS	NS	NS	0.38 U	NS	500 U
2-Chlorophenol	NS	NS	NS	NS	NS	NS	0.38 U	NS	500 U
2-Hexanone	NS	0.023 U	0.0058 U	0.023 U	0.039 U	NS	0.011 U	NS	15 U
2-Methylnaphthalene	NS	NS	NS	NS	NS	NS	0.38 U	NS	500 U
2-Methylphenol (o-Cresol)	NS	NS	NS	NS	NS	NS	0.38 U	NS	500 U
2-Nitroaniline	NS	NS	NS	NS	NS	NS	0.95 U	NS	1200 U
2-Nitrophenol	NS	NS	NS	NS	NS	NS	0.38 U	NS	500 U
3,3'-Dichlorobenzidine	NS	NS	NS	NS	NS	NS	0.38 U	NS	500 U

TABLE A-3  
Data Summary Table for Sediment

Sample Locaton: Sample Date: Unit: Starting Depth (inches): Ending Depth (inches):	OCISED-038 11/3/2011 pg/g	OCISED-043 11/3/2011 mg/kg	OCISED-053 11/3/2011 mg/kg	OCISED-063 11/4/2011 mg/kg	OCISED-073 11/4/2011 mg/kg	KP10F-1 10/29/2000 mg/kg	KPT20-2 7/16/1997 mg/kg	KPT49-1 7/16/1997 mg/kg	KPT49-1 7/16/1997 ug/kg
	0 6	0 4	0 6	0 6	0 6	6 12	2 13	2 12	2 12
3+4-Methylphenol (m,p-Cresol)	NS	NS	NS	NS	NS	NS	NS	NS	NS
3-Nitroaniline	NS	NS	NS	NS	NS	NS	0.95 U	NS	1200 U
4,4'-DDD	NS	NS	NS	NS	NS	NS	0.0038 U	NS	5 U
4,4'-DDE	NS	NS	NS	NS	NS	NS	0.0038 U	0.005 U	NS
4,4'-DDT	NS	NS	NS	NS	NS	NS	0.0038 U	NS	5 U
4,6-Dinitro-2-Methylphenol	NS	NS	NS	NS	NS	NS	0.95 U	NS	1200 U
4-Bromophenyl phenyl ether	NS	NS	NS	NS	NS	NS	0.38 U	NS	500 U
4-Chloro-3-Methylphenol	NS	NS	NS	NS	NS	NS	0.38 U	NS	500 U
4-Chloroaniline	NS	NS	NS	NS	NS	NS	0.38 U	NS	500 U
4-Chlorophenyl phenyl ether	NS	NS	NS	NS	NS	NS	0.38 U	NS	500 U
4-Methylphenol (p-Cresol)	NS	NS	NS	NS	NS	NS	0.38 U	NS	120 J
4-Nitroaniline	NS	NS	NS	NS	NS	NS	0.95 U	NS	1200 U
4-Nitrophenol	NS	NS	NS	NS	NS	NS	0.95 U	NS	1200 U
Acenaphthene	NS	NS	NS	NS	NS	NS	0.38 U	NS	500 U
Acenaphthylene	NS	NS	NS	NS	NS	NS	0.38 U	NS	500 U
Acetone (a)	NS	0.32 J	0.0058 U	0.37 J	0.2 J	NS	0.011 U	NS	57 U
Acetophenone	NS	NS	NS	NS	NS	NS	NS	NS	NS
Aldrin	NS	NS	NS	NS	NS	NS	0.002 U	NS	2.6 U
alpha-BHC	NS	NS	NS	NS	NS	NS	0.002 U	NS	2.6 U
alpha-Chlordane	NS	NS	NS	NS	NS	NS	0.0013 JN	NS	2.6 U
Aluminum	NS	NS	NS	NS	NS	NS	1490	3820	NS
Anthracene	NS	NS	NS	NS	NS	NS	0.03 J	NS	86 J
Antimony	NS	NS	NS	NS	NS	NS	0.65 B	0.88 U	NS
Arsenic	NS	NS	NS	NS	NS	NS	1 B	5.7	NS
Atrazine	NS	NS	NS	NS	NS	NS	NS	NS	NS
Barium	NS	NS	NS	NS	NS	NS	11 B	67.4	NS
Benzaldehyde	NS	NS	NS	NS	NS	NS	NS	NS	NS
Benzene	NS	0.023 U	0.0058 U	0.023 U	0.039 U	NS	0.011 U	NS	15 U
Benzo(a)anthracene	NS	NS	NS	NS	NS	NS	0.097 J	NS	460 J
Benzo(a)pyrene	NS	NS	NS	NS	NS	NS	0.11 J	NS	380 J
Benzo(b)fluoranthene	NS	NS	NS	NS	NS	NS	0.19 JX	NS	600 Y
Benzo(g,h,i)perylene	NS	NS	NS	NS	NS	NS	0.09 J	NS	270 J
Benzo(k)fluoranthene	NS	NS	NS	NS	NS	NS	0.38 U	NS	500 U
Beryllium	NS	NS	NS	NS	NS	NS	0.06 B	0.03 U	NS
beta-BHC	NS	NS	NS	NS	NS	NS	0.002 U	NS	2.6 U
beta-Chlordane	NS	NS	NS	NS	NS	NS	0.0014 J	0.0026 U	NS
bis(2-Chloroethoxy)methane	NS	NS	NS	NS	NS	NS	0.38 U	NS	500 U
bis(2-Chloroethyl)ether	NS	NS	NS	NS	NS	NS	0.38 U	NS	500 U
bis(2-Chloroisopropyl)ether	NS	NS	NS	NS	NS	NS	0.38 U	0.5 UJ	NS
bis(2-Ethylhexyl)phthalate (a)	NS	NS	NS	NS	NS	NS	0.11 J	NS	75 J
Bromodichloromethane (Dichlorobromomethane)	NS	0.023 U	0.0058 U	0.023 U	0.039 U	NS	0.011 U	NS	15 U
Bromoform (Tribromomethane)	NS	0.023 U	0.0058 U	0.023 U	0.039 U	NS	0.011 U	NS	15 U
Bromomethane (Methyl bromide)	NS	0.023 UJ	0.0058 UJ	0.023 UJ	0.039 UJ	NS	0.011 U	NS	15 U
Butyl benzyl phthalate (a)	NS	NS	NS	NS	NS	NS	0.38 U	NS	500 U
Cadmium	NS	NS	NS	NS	NS	NS	0.08 U	0.16 B	NS
Calcium	NS	NS	NS	NS	NS	NS	38800	51400	NS
Caprolactam	NS	NS	NS	NS	NS	NS	NS	NS	NS
Carbazole	NS	NS	NS	NS	NS	NS	0.38 U	NS	500 U
Carbon disulfide (a)	NS	0.023 U	0.0058 U	0.0048 J (b)	0.006 J (b)	NS	0.011 U	NS	2 J
Carbon tetrachloride	NS	0.023 U	0.0058 U	0.023 U	0.039 U	NS	0.011 U	NS	15 U
Chlordane (technical)	NS	NS	NS	NS	NS	NS	NS	NS	NS



**TABLE A-3**  
**Data Summary Table for Sediment**

Sample Locaton: Sample Date: Unit: Starting Depth (inches): Ending Depth (inches):	OCISED-038 11/3/2011 pg/g	OCISED-043 11/3/2011 mg/kg	OCISED-053 11/3/2011 mg/kg	OCISED-063 11/4/2011 mg/kg	OCISED-073 11/4/2011 mg/kg	KP10F-1 10/29/2000 mg/kg	KPT20-2 7/16/1997 mg/kg	KPT49-1 7/16/1997 mg/kg	KPT49-1 7/16/1997 ug/kg
	0 6	0 4	0 6	0 6	0 6	6 12	2 13	2 12	2 12
Chlorobenzene	NS	0.023 U	0.0058 U	0.023 U	0.039 U	NS	0.011 U	NS	15 U
Chlorobromomethane (Bromochloromethane)	NS	0.023 U	0.0058 U	0.023 U	0.039 U	NS	NS	NS	NS
Chlorodibromomethane (Dibromochloromethane)	NS	0.023 U	0.0058 U	0.023 U	0.039 U	NS	0.011 U	NS	15 U
Chloroethane	NS	0.023 U	0.0058 U	0.023 U	0.039 U	NS	0.011 U	NS	15 U
Chloroform	NS	0.023 U	0.0058 U	0.023 U	0.039 U	NS	0.011 U	NS	15 U
Chloromethane (Methyl chloride)	NS	0.023 U	0.0058 U	0.023 U	0.039 U	NS	0.011 U	NS	15 U
Chromium	NS	NS	NS	NS	NS	NS	5.4	11	NS
Chrysene	NS	NS	NS	NS	NS	NS	0.11 J	NS	410 J
cis-1,2-Dichloroethene	NS	0.023 U	0.0058 U	0.023 U	0.039 U	NS	NS	NS	NS
cis-1,3-Dichloropropene	NS	0.023 U	0.0058 U	0.023 U	0.039 U	NS	0.011 U	NS	15 U
Cobalt	NS	NS	NS	NS	NS	NS	1.8 B	3.3 B	NS
Copper	NS	NS	NS	NS	NS	NS	5 B	11.5	NS
Cyanide	NS	NS	NS	NS	NS	NS	0.68 U	0.79 U	NS
Cyclohexane	NS	NS	NS	NS	NS	NS	NS	NS	NS
delta-BHC	NS	NS	NS	NS	NS	NS	0.002 U	NS	2.6 U
Dibenzo(a,h)anthracene	NS	NS	NS	NS	NS	NS	0.042 J	NS	110 J
Dibenzofuran	NS	NS	NS	NS	NS	NS	0.38 U	NS	500 U
Dichlorodifluoromethane	NS	0.023 U	0.0058 U	0.023 U	0.039 U	NS	NS	NS	NS
Dieldrin	NS	NS	NS	NS	NS	NS	0.0038 U	NS	5 U
Diethyl phthalate	NS	NS	NS	NS	NS	NS	0.38 U	NS	500 U
Dimethyl phthalate	NS	NS	NS	NS	NS	NS	0.38 U	NS	500 U
Di-n-butyl phthalate (a)	NS	NS	NS	NS	NS	NS	0.38 U	NS	500 U
Di-n-octyl phthalate (a)	NS	NS	NS	NS	NS	NS	0.38 U	NS	500 UJ
Endosulfan I	NS	NS	NS	NS	NS	NS	0.002 U	NS	2.6 U
Endosulfan II	NS	NS	NS	NS	NS	NS	0.0038 U	NS	5 U
Endosulfan sulfate	NS	NS	NS	NS	NS	NS	0.0038 U	NS	5 U
Endrin	NS	NS	NS	NS	NS	NS	0.0038 U	NS	5 U
Endrin aldehyde	NS	NS	NS	NS	NS	NS	0.0038 U	NS	3.2 J
Endrin ketone	NS	NS	NS	NS	NS	NS	0.0038 U	NS	5 U
Ethylbenzene	NS	0.023 U	0.0058 U	0.023 U	0.039 U	NS	0.011 U	NS	15 U
Fluoranthene	NS	NS	NS	NS	NS	NS	0.21 J	NS	430 J
Fluorene	NS	NS	NS	NS	NS	NS	0.38 U	NS	500 U
Freon-113 (1,1,2-trichloro-1,2,2-trifluoroethane)	NS	0.023 U	0.0058 U	0.023 U	0.039 U	NS	NS	NS	NS
gamma-BHC (Lindane)	NS	NS	NS	NS	NS	NS	0.002 U	NS	2.6 U
gamma-Chlordane	NS	NS	NS	NS	NS	NS	NS	NS	2.6 U
Heptachlor	NS	NS	NS	NS	NS	NS	0.002 U	NS	2.6 U
Heptachlor Epoxide	NS	NS	NS	NS	NS	NS	0.002 U	NS	2.6 U
Hexachlorobenzene	NS	NS	NS	NS	NS	NS	0.38 U	NS	500 U
Hexachlorobutadiene	NS	NS	NS	NS	NS	NS	0.38 U	NS	500 U
Hexachlorocyclopentadiene	NS	NS	NS	NS	NS	NS	0.38 U	NS	500 U
Hexachloroethane	NS	NS	NS	NS	NS	NS	0.38 U	NS	500 U
Indeno(1,2,3-cd)pyrene	NS	NS	NS	NS	NS	NS	0.079 J	NS	230 J
Iron	NS	NS	NS	NS	NS	NS	4680	9700	NS
Isophorone	NS	NS	NS	NS	NS	NS	0.38 U	NS	500 U
Isopropylbenzene (Cumene)	NS	0.023 U	0.0058 U	0.023 U	0.039 U	NS	NS	NS	NS
Lead	NS	NS	NS	NS	NS	NS	11.3	37.7	NS
m+p-Xylenes	NS	NS	NS	NS	NS	NS	NS	NS	NS
Magnesium	NS	NS	NS	NS	NS	NS	10900	4800	NS
Manganese	NS	NS	NS	NS	NS	NS	114	359	NS
Mercury	NS	0.93	0.049	1.6	0.96	NS	0.05 U	0.47	NS
Methoxychlor	NS	NS	NS	NS	NS	NS	0.02 U	NS	26 U

TABLE A-3  
Data Summary Table for Sediment

Sample Locaton: Sample Date: Unit: Starting Depth (inches): Ending Depth (inches):	OCISED-038 11/3/2011 pg/g	OCISED-043 11/3/2011 mg/kg	OCISED-053 11/3/2011 mg/kg	OCISED-063 11/4/2011 mg/kg	OCISED-073 11/4/2011 mg/kg	KP10F-1 10/29/2000 mg/kg	KPT20-2 7/16/1997 mg/kg	KPT49-1 7/16/1997 mg/kg	KPT49-1 7/16/1997 ug/kg
	0	0	0	0	0	6	2	2	2
	6	4	6	6	6	12	13	12	12
Methyl acetate	NS	NS	NS	NS	NS	NS	NS	NS	NS
Methyl isobutyl ketone (4-Methyl-2-pentanone)	NS	0.023 U	0.0058 U	0.023 U	0.039 U	NS	0.011 U	NS	15 U
Methyl tertiary butyl ether (MTBE)	NS	0.023 U	0.0058 U	0.023 U	0.039 U	NS	NS	NS	NS
Methylcyclohexane	NS	NS	NS	NS	NS	NS	NS	NS	NS
Methylene chloride (Dichloromethane) (a)	NS	0.023 U	0.00068 J (b)	0.0081 J (b)	0.039 U	NS	0.011 U	NS	4 J
Naphthalene	NS	NS	NS	NS	NS	NS	0.38 U	NS	500 U
Nickel	NS	NS	NS	NS	NS	NS	4.8 B	6 B	NS
Nitrobenzene	NS	NS	NS	NS	NS	NS	0.38 U	NS	500 U
N-Nitrosodi-n-propylamine	NS	NS	NS	NS	NS	NS	0.38 U	NS	500 U
N-Nitrosodiphenylamine	NS	NS	NS	NS	NS	NS	0.38 U	NS	500 U
OCDD	170 J	NS	NS	NS	NS	NS	NS	NS	NS
OCDF	1.9 J	NS	NS	NS	NS	NS	NS	NS	NS
o-Xylene	NS	NS	NS	NS	NS	NS	NS	NS	NS
Pentachlorophenol	NS	NS	NS	NS	NS	NS	0.95 U	NS	1200 U
Phenanthrene	NS	NS	NS	NS	NS	NS	0.15 J	NS	170 J
Phenol	NS	NS	NS	NS	NS	NS	0.38 U	NS	500 U
Potassium	NS	NS	NS	NS	NS	NS	195 B	315 B	NS
Pyrene	NS	NS	NS	NS	NS	NS	0.24 J	NS	910
Selenium	NS	NS	NS	NS	NS	NS	0.82 U	1.2 U	NS
Silver	NS	NS	NS	NS	NS	NS	0.22 U	0.33 U	NS
Sodium	NS	NS	NS	NS	NS	NS	88.1 U	131 U	NS
Styrene	NS	0.023 U	0.0058 U	0.023 U	0.039 U	NS	0.011 U	NS	15 U
Tetrachloroethene (PCE)	NS	0.023 U	0.0058 U	0.023 U	0.039 U	NS	0.001 J	NS	2 J
Thallium	NS	NS	NS	NS	NS	NS	1.2 U	1.8 U	NS
Toluene (a)	NS	0.0023 J (b)	0.00033 J (b)	0.023 UB	0.039 UB	NS	0.011 U	NS	2 J
Toxaphene	NS	NS	NS	NS	NS	NS	0.2 U	NS	260 U
trans-1,2-Dichloroethene	NS	0.023 U	0.0058 U	0.023 U	0.039 U	NS	NS	NS	NS
trans-1,3-Dichloropropene	NS	0.023 U	0.0058 U	0.023 U	0.039 U	NS	0.011 U	NS	15 U
Trichloroethene (TCE)	NS	0.023 U	0.0058 U	0.023 U	0.039 U	NS	0.011 U	NS	15 U
Trichlorofluoromethane	NS	0.023 U	0.0058 U	0.023 U	0.039 U	NS	NS	NS	NS
Vanadium	NS	NS	NS	NS	NS	NS	5.9 B	10.2 B	NS
Vinyl Chloride	NS	0.023 U	0.0058 U	0.023 U	0.039 U	NS	0.011 U	NS	15 U
Xylenes, Total	NS	0.023 U	0.0058 U	0.023 U	0.039 U	NS	0.011 U	NS	15 U
Zinc	NS	NS	NS	NS	NS	NS	38.3	62.7	NS

Notes:  
(a) Potential laboratory contaminant.  
(b) For potential lab contaminants: The detected value is J / B flagged and the result is less than the reporting limit; the sample is considered a non-detect.

mg/kg = milligrams per kilogram  
ug/kg = microgram per kilogram

TABLE A-3  
Data Summary Table for Sediment

Sample Locaton: Sample Date: Unit: Starting Depth (inches): Ending Depth (inches):	KPT92-7 7/23/1997 mg/kg	KPT92-7 7/23/1997 ug/kg	KRT12-8 1/7/2009 mg/kg	KRT16-8 1/7/2009 mg/kg	KRT4-2 1/7/2009 mg/kg	KRT5-3 1/7/2009 mg/kg	OCIFP-003 10/18/2011 mg/kg	OCISED-013 11/2/2011 mg/kg	OCISED-023 11/2/2011 mg/kg
	2	2	6	6	6	6	6	6	6
	12	12	12	12	12	12	12	12	12
1,1,1-Trichloroethane	NS	12 U	0.0076 U	0.999 R	0.017 U	0.0085 U	0.013 U	0.0051 U	0.04 U
1,1,2,2-Tetrachloroethane	NS	12 U	0.0076 U	0.999 R	0.017 U	0.0085 U	0.013 U	0.0051 U	0.04 UJ
1,1,2-Trichloroethane	NS	12 U	0.0076 U	0.999 R	0.017 U	0.0085 U	0.013 U	0.0051 U	0.04 UJ
1,1-Dichloroethane	NS	12 U	0.0076 U	0.0075 U	0.017 U	0.0085 U	0.013 U	0.0051 U	0.04 U
1,1-Dichloroethene	NS	12 U	0.0076 U	0.0075 U	0.017 U	0.0085 U	0.013 U	0.0051 U	0.04 U
1,2,3,4,6,7,8-HpCDD	NS	NS	NS	NS	NS	NS	NS	NS	NS
1,2,3,4,6,7,8-HpCDF	NS	NS	NS	NS	NS	NS	NS	NS	NS
1,2,3,4,7,8,9-HpCDF	NS	NS	NS	NS	NS	NS	NS	NS	NS
1,2,3,4,7,8-HxCDD	NS	NS	NS	NS	NS	NS	NS	NS	NS
1,2,3,4,7,8-HxCDF	NS	NS	NS	NS	NS	NS	NS	NS	NS
1,2,3,6,7,8-HxCDD	NS	NS	NS	NS	NS	NS	NS	NS	NS
1,2,3,6,7,8-HxCDF	NS	NS	NS	NS	NS	NS	NS	NS	NS
1,2,3,7,8,9-HxCDD	NS	NS	NS	NS	NS	NS	NS	NS	NS
1,2,3,7,8,9-HxCDF	NS	NS	NS	NS	NS	NS	NS	NS	NS
1,2,3,7,8-PeCDD	NS	NS	NS	NS	NS	NS	NS	NS	NS
1,2,3,7,8-PeCDF	NS	NS	NS	NS	NS	NS	NS	NS	NS
1,2,3-Trichlorobenzene	NS	NS	0.0076 U	0.999 R	0.999 R	0.999 R	0.013 U	0.0051 U	0.04 UJ
1,2,4,5-Tetrachlorobenzene	NS	NS	0.28 U	0.27 U	0.87 UJ	0.37 U	NS	NS	NS
1,2,4-Trichlorobenzene	NS	380 U	0.0076 U	0.999 R	0.999 R	0.999 R	0.013 U	0.0051 U	0.04 UJ
1,2-Dibromo-3-Chloropropane	NS	NS	0.0076 U	0.999 R	0.999 R	0.999 R	0.013 U	0.0051 U	0.04 UJ
1,2-Dibromoethane (Ethylene dibromide)	NS	NS	0.0076 U	0.999 R	0.017 U	0.0085 U	0.013 U	0.0051 U	0.04 UJ
1,2-Dichlorobenzene	NS	380 U	0.0076 U	0.999 R	0.999 R	0.999 R	0.013 U	0.0051 U	0.04 UJ
1,2-Dichloroethane	NS	12 U	0.0076 U	0.0075 U	0.017 U	0.0085 U	0.013 U	0.0051 U	0.04 U
1,2-Dichloroethene (Total)	NS	12 U	NS	NS	NS	NS	NS	NS	NS
1,2-Dichloropropane	NS	12 U	0.0076 U	0.999 R	0.017 U	0.0085 U	0.013 U	0.0051 U	0.04 U
1,3-Dichlorobenzene	NS	380 U	0.0076 U	0.999 R	0.999 R	0.999 R	0.013 U	0.0051 U	0.04 UJ
1,4-Dichlorobenzene	NS	380 U	0.0076 U	0.999 R	0.999 R	0.999 R	0.013 U	0.0051 U	0.04 UJ
1,4-Dioxane (p-Dioxane)	NS	NS	0.999 R	0.999 R	0.999 R	0.999 R	NS	NS	NS
2,2'-Oxybis(1-Chloropropane)	NS	NS	NS	NS	NS	NS	NS	NS	NS
2,3,4,6,7,8-HxCDF	NS	NS	NS	NS	NS	NS	NS	NS	NS
2,3,4,6-Tetrachlorophenol	NS	NS	0.28 U	0.27 U	0.87 UJ	0.37 U	NS	NS	NS
2,3,4,7,8-PeCDF	NS	NS	NS	NS	NS	NS	NS	NS	NS
2,3,7,8-TCDD	NS	NS	NS	NS	NS	NS	NS	NS	NS
2,3,7,8-TCDF	NS	NS	NS	NS	NS	NS	NS	NS	NS
2,4,5-Trichlorophenol	NS	960 U	0.28 U	0.27 U	0.87 UJ	0.37 U	NS	NS	NS
2,4,6-Trichlorophenol	NS	380 U	0.28 U	0.27 U	0.87 UJ	0.37 U	NS	NS	NS
2,4-Dichlorophenol	NS	380 U	0.28 U	0.27 U	0.87 U	0.37 U	NS	NS	NS
2,4-Dimethylphenol	NS	380 U	0.28 U	0.27 U	0.87 U	0.37 U	NS	NS	NS
2,4-Dinitrophenol	NS	960 U	0.54 U	0.52 U	1.7 UJ	0.72 U	NS	NS	NS
2,4-Dinitrotoluene	NS	380 U	0.28 U	0.27 U	0.87 UJ	0.37 U	NS	NS	NS
2,6-Dinitrotoluene	NS	380 U	0.28 U	0.27 U	0.87 UJ	0.37 U	NS	NS	NS
2-Butanone (Methyl ethyl ketone) (a)	NS	12 U	0.036 J	0.056 J	0.079	0.04	0.056 J	0.0051 U	0.42
2-Chloronaphthalene	NS	380 U	0.28 U	0.27 U	0.87 UJ	0.37 U	NS	NS	NS
2-Chlorophenol	NS	380 U	0.28 U	0.27 U	0.87 U	0.37 U	NS	NS	NS
2-Hexanone	NS	12 U	0.015 U	0.999 R	0.034 U	0.017 U	0.013 U	0.0051 U	0.04 UJ
2-Methylnaphthalene	NS	380 U	0.03 J	0.032 J	0.35 J	0.091 J	NS	NS	NS
2-Methylphenol (o-Cresol)	NS	380 U	0.28 U	0.27 U	0.11 J	0.37 U	NS	NS	NS
2-Nitroaniline	NS	960 U	0.54 U	0.52 U	1.7 UJ	0.72 U	NS	NS	NS
2-Nitrophenol	NS	380 U	0.28 U	0.27 U	0.87 U	0.37 U	NS	NS	NS
3,3'-Dichlorobenzidine	NS	380 U	0.28 U	0.27 U	0.87 UJ	0.37 U	NS	NS	NS

**TABLE A-3**  
**Data Summary Table for Sediment**

Sample Locaton: Sample Date: Unit: Starting Depth (inches): Ending Depth (inches):	KPT92-7 7/23/1997 mg/kg	KPT92-7 7/23/1997 ug/kg	KRT12-8 1/7/2009 mg/kg	KRT16-8 1/7/2009 mg/kg	KRT4-2 1/7/2009 mg/kg	KRT5-3 1/7/2009 mg/kg	OCIFP-003 10/18/2011 mg/kg	OCISED-013 11/2/2011 mg/kg	OCISED-023 11/2/2011 mg/kg
	2	2	6	6	6	6	6	6	6
	12	12	12	12	12	12	12	12	12
3+4-Methylphenol (m,p-Cresol)	NS	NS	NS	NS	NS	NS	NS	NS	NS
3-Nitroaniline	NS	960 U	0.54 U	0.52 U	1.7 UJ	0.72 U	NS	NS	NS
4,4'-DDD	NS	3.8 U	0.0054 U	0.0052 U	0.22	0.012	NS	NS	NS
4,4'-DDE	NS	3.8 U	0.0054 U	0.0071	0.075	0.015	NS	NS	NS
4,4'-DDT	NS	3.8 U	0.0054 U	0.0078	0.18 J	0.0093	NS	NS	NS
4,6-Dinitro-2-Methylphenol	NS	960 U	0.54 U	0.52 UJ	1.7 U	0.72 U	NS	NS	NS
4-Bromophenyl phenyl ether	NS	380 U	0.28 U	0.27 UJ	0.87 U	0.37 U	NS	NS	NS
4-Chloro-3-Methylphenol	NS	380 U	0.28 U	0.27 U	0.87 U	0.37 U	NS	NS	NS
4-Chloroaniline	NS	380 U	0.28 U	0.27 U	0.87 U	0.37 U	NS	NS	NS
4-Chlorophenyl phenyl ether	NS	380 U	0.28 U	0.27 U	0.87 UJ	0.37 U	NS	NS	NS
4-Methylphenol (p-Cresol)	NS	380 U	0.28 U	0.27 U	0.13 J	0.082 J	NS	NS	NS
4-Nitroaniline	NS	960 U	0.54 U	0.52 U	1.7 UJ	0.72 U	NS	NS	NS
4-Nitrophenol	NS	960 U	0.54 U	0.52 U	1.7 UJ	0.72 U	NS	NS	NS
Acenaphthene	NS	380 U	0.057 J	0.27 U	0.22 J	0.38	NS	NS	NS
Acenaphthylene	NS	380 U	0.21 J	0.093 J	0.87 UJ	0.07 J	NS	NS	NS
Acetone (a)	NS	24	0.1 J	0.16	0.18	0.12	0.21 J	0.0051 U	1.6 J
Acetophenone	NS	NS	0.28 U	0.27 U	0.87 U	0.37 U	NS	NS	NS
Aldrin	NS	2 U	0.0028 U	0.0027 U	0.0087 U	0.0037 U	NS	NS	NS
alpha-BHC	NS	2 U	0.0028 U	0.0027 U	0.0087 U	0.0037 U	NS	NS	NS
alpha-Chlordane	NS	2 U	0.0028 U	0.0014 J	0.038	0.0072 J	NS	NS	NS
Aluminum	1850	NS	7120	9080	11100	3440	NS	NS	NS
Anthracene	NS	380 U	0.22 J	0.11 J	0.31 J	0.89	NS	NS	NS
Antimony	0.73 U	NS	2.1 J	1.1 J	1.8 J	1.7 J	NS	NS	NS
Arsenic	3.5	NS	11.4	10	15.3	12.5	NS	NS	NS
Atrazine	NS	NS	0.28 U	0.27 UJ	0.87 U	0.37 U	NS	NS	NS
Barium	22 B	NS	407	408	566	101	NS	NS	NS
Benzaldehyde	NS	NS	0.051 J	0.035 J	0.87 U	0.22 J	NS	NS	NS
Benzene	NS	12 U	0.0076 U	0.999 R	0.017 U	0.0085 U	0.013 U	0.0051 U	0.04 U
Benzo(a)anthracene	NS	19 J	1.1	0.35 J	1.2 J	3.8	NS	NS	NS
Benzo(a)pyrene	NS	380 U	1.3	0.43 J	1.3	4.5	NS	NS	NS
Benzo(b)fluoranthene	NS	380 U	0.98	0.42 J	1.6	3.9 D	NS	NS	NS
Benzo(g,h,i)perylene	NS	380 U	0.14 J	0.061 J	0.27 J	0.52 J	NS	NS	NS
Benzo(k)fluoranthene	NS	380 U	1.1	0.46 J	1.1	4.8 D	NS	NS	NS
Beryllium	0.02 U	NS	0.47 J	0.66	0.72 J	0.22 J	NS	NS	NS
beta-BHC	NS	2 U	0.0028 U	0.0051	0.0087 RX	0.0037 U	NS	NS	NS
beta-Chlordane	NS	2 U	0.0028 U	0.0027 U	0.11 J	0.0037 U	NS	NS	NS
bis(2-Chloroethoxy)methane	NS	380 U	0.28 U	0.27 U	0.87 U	0.37 U	NS	NS	NS
bis(2-Chloroethyl)ether	NS	380 U	0.28 U	0.27 U	0.87 U	0.37 U	NS	NS	NS
bis(2-Chloroisopropyl)ether	NS	380 U	0.28 U	0.27 U	0.87 U	0.37 U	NS	NS	NS
bis(2-Ethylhexyl)phthalate (a)	NS	380 U	0.28 U	0.27 U	1.9 J	1.8	NS	NS	NS
Bromodichloromethane (Dichlorobromomethane)	NS	12 U	0.0076 U	0.999 R	0.017 U	0.0085 U	0.013 U	0.0051 U	0.04 U
Bromoform (Tribromomethane)	NS	12 U	0.0076 U	0.999 R	0.999 R	0.999 R	0.013 U	0.0051 U	0.04 UJ
Bromomethane (Methyl bromide)	NS	12 U	0.0076 U	0.0075 U	0.017 U	0.0085 U	0.013 UJ	0.0051 UJ	0.04 UJ
Butyl benzyl phthalate (a)	NS	380 U	0.28 U	0.27 U	0.87 UJ	0.37 UB	NS	NS	NS
Cadmium	0.06 U	NS	4.9	5.8	6.8	0.96 J	NS	NS	NS
Calcium	55000	NS	29000	17700	18900	41900	NS	NS	NS
Caprolactam	NS	NS	0.28 U	0.27 U	0.87 U	0.37 U	NS	NS	NS
Carbazole	NS	380 U	0.065 J	0.032 J	0.16 J	0.54	NS	NS	NS
Carbon disulfide (a)	NS	12 U	0.0076 U	0.0056 J (b)	0.013 J (b)	0.0085 U	0.013 U	0.0051 UJ	0.012 J (b)
Carbon tetrachloride	NS	12 U	0.0076 U	0.999 R	0.017 U	0.0085 U	0.013 U	0.0051 U	0.04 U
Chlordane (technical)	NS	NS	NS	NS	NS	NS	NS	NS	NS

TABLE A-3  
Data Summary Table for Sediment

Sample Locaton: Sample Date: Unit: Starting Depth (inches): Ending Depth (inches):	KPT92-7 7/23/1997 mg/kg	KPT92-7 7/23/1997 ug/kg	KRT12-8 1/7/2009 mg/kg	KRT16-8 1/7/2009 mg/kg	KRT4-2 1/7/2009 mg/kg	KRT5-3 1/7/2009 mg/kg	OCIFP-003 10/18/2011 mg/kg	OCISED-013 11/2/2011 mg/kg	OCISED-023 11/2/2011 mg/kg
	2	2	6	6	6	6	6	6	6
	12	12	12	12	12	12	12	12	12
Chlorobenzene	NS	12 U	0.0076 U	0.999 R	0.017 U	0.0085 U	0.013 U	0.0051 U	0.04 UJ
Chlorobromomethane (Bromochloromethane)	NS	NS	0.0076 U	0.0075 U	0.017 U	0.0085 U	0.013 U	0.0051 U	0.04 U
Chlorodibromomethane (Dibromochloromethane)	NS	12 U	0.0076 U	0.999 R	0.017 U	0.0085 U	0.013 U	0.0051 U	0.04 UJ
Chloroethane	NS	12 U	0.0076 U	0.0075 U	0.017 U	0.0085 U	0.013 U	0.0051 U	0.04 U
Chloroform	NS	12 U	0.018 UB	0.0075 UBJ	0.026 UBJ	0.019 UB	0.013 U	0.0051 U	0.04 U
Chloromethane (Methyl chloride)	NS	12 U	0.0076 U	0.0075 U	0.017 U	0.0085 U	0.013 U	0.0051 U	0.04 U
Chromium	11.9	NS	72.3 J	168	194	31.6 J	NS	NS	NS
Chrysene	NS	21 J	1.3	0.5 J	1.8 J	5.5	NS	NS	NS
cis-1,2-Dichloroethene	NS	NS	0.0076 U	0.0075 U	0.017 U	0.0085 U	0.013 U	0.0051 U	0.04 U
cis-1,3-Dichloropropene	NS	12 U	0.0076 U	0.999 R	0.017 U	0.0085 U	0.013 U	0.0051 U	0.04 U
Cobalt	2.5 B	NS	6.2 J	10.3 J	10.1 J	4.2 J	NS	NS	NS
Copper	3.7 B	NS	148	210	281	49.5	NS	NS	NS
Cyanide	0.64 UJ	NS	NS	NS	NS	NS	NS	NS	NS
Cyclohexane	NS	NS	0.0076 U	0.999 R	0.017 U	0.0085 U	NS	NS	NS
delta-BHC	NS	2 U	0.0028 U	0.0027 U	0.63 D	0.0037 U	NS	NS	NS
Dibenzo(a,h)anthracene	NS	380 U	0.063 J	0.27 UJ	0.87 UJ	0.18 J	NS	NS	NS
Dibenzofuran	NS	380 U	0.28 U	0.27 U	0.87 UJ	0.23 J	NS	NS	NS
Dichlorodifluoromethane	NS	NS	0.0076 U	0.0075 U	0.017 U	0.0085 U	0.013 U	0.0051 U	0.04 U
Dieldrin	NS	3.8 U	0.0054 U	0.0052 U	0.06 JN	0.0072 U	NS	NS	NS
Diethyl phthalate	NS	380 U	0.28 U	0.27 U	0.87 UJ	0.37 U	NS	NS	NS
Dimethyl phthalate	NS	380 U	0.28 U	0.27 U	0.87 UJ	0.25 J	NS	NS	NS
Di-n-butyl phthalate (a)	NS	380 U	0.28 U	0.27 UJ	0.87 U	0.043 J (b)	NS	NS	NS
Di-n-octyl phthalate (a)	NS	380 U	0.28 U	0.27 UJ	0.87 U	0.37 U	NS	NS	NS
Endosulfan I	NS	2 U	0.0028 U	0.0027 J	0.044	0.0041	NS	NS	NS
Endosulfan II	NS	3.8 U	0.0054 U	0.0052 U	0.017 RX	0.0072 U	NS	NS	NS
Endosulfan sulfate	NS	3.8 U	0.0054 U	0.0052 U	0.017 U	0.0072 U	NS	NS	NS
Endrin	NS	3.8 U	0.0054 U	0.0052 U	0.046 J	0.0072 U	NS	NS	NS
Endrin aldehyde	NS	3.8 U	0.0054 U	0.0052 U	0.017 RX	0.0089 J	NS	NS	NS
Endrin ketone	NS	3.8 U	0.0033 J	0.0063	0.017 U	0.0078	NS	NS	NS
Ethylbenzene	NS	12 U	0.0076 U	0.999 R	0.017 U	0.0085 U	0.013 U	0.00012 J	0.04 UJ
Fluoranthene	NS	40 J	1.1	0.69 J	2.5	11 D	NS	NS	NS
Fluorene	NS	380 U	0.072 J	0.038 J	0.27 J	0.6	NS	NS	NS
Freon-113 (1,1,2-trichloro-1,2,2-trifluoroethane)	NS	NS	0.0076 U	0.0075 U	0.017 U	0.0085 U	0.013 U	0.0051 U	0.04 U
gamma-BHC (Lindane)	NS	2 U	0.0028 U	0.0027 U	0.0087 RX	0.0024 J	NS	NS	NS
gamma-Chlordane	NS	NS	NS	NS	NS	NS	NS	NS	NS
Heptachlor	NS	2 U	0.0028 U	0.0023 J	0.04 JN	0.0037 R	NS	NS	NS
Heptachlor Epoxide	NS	2 U	0.0028 U	0.0027 U	0.0087 RX	0.0037 U	NS	NS	NS
Hexachlorobenzene	NS	380 U	0.28 U	0.27 UJ	0.87 U	0.37 U	NS	NS	NS
Hexachlorobutadiene	NS	380 U	0.28 U	0.27 U	0.87 U	0.37 U	NS	NS	NS
Hexachlorocyclopentadiene	NS	380 U	0.28 UJ	0.27 UJ	0.87 UJ	0.37 UJ	NS	NS	NS
Hexachloroethane	NS	380 U	0.28 U	0.27 U	0.87 U	0.37 U	NS	NS	NS
Indeno(1,2,3-cd)pyrene	NS	380 U	0.14 J	0.05 J	0.22 J	0.59 J	NS	NS	NS
Iron	6290	NS	13500	11500	15500	13500	NS	NS	NS
Isophorone	NS	380 U	0.28 U	0.27 U	0.87 U	0.37 U	NS	NS	NS
Isopropylbenzene (Cumene)	NS	NS	0.0076 U	0.999 R	0.017 U	0.0085 U	0.013 U	0.0051 U	0.04 UJ
Lead	7.8	NS	488	588 J	723 J	147	NS	NS	NS
m+p-Xylenes	NS	NS	0.0076 U	0.999 R	0.0072 J	0.0085 U	NS	NS	NS
Magnesium	17200	NS	6140	5600	5190	5840	NS	NS	NS
Manganese	292	NS	340	217	180	537	NS	NS	NS
Mercury	0.05 U	NS	1.3	1.1	3.3	0.3	0.078	0.038 U	0.16
Methoxychlor	NS	20 U	0.028 U	0.027 U	0.087 U	0.037 U	NS	NS	NS

TABLE A-3  
Data Summary Table for Sediment

Sample Locaton: Sample Date: Unit: Starting Depth (inches): Ending Depth (inches):	KPT92-7 7/23/1997 mg/kg	KPT92-7 7/23/1997 ug/kg	KRT12-8 1/7/2009 mg/kg	KRT16-8 1/7/2009 mg/kg	KRT4-2 1/7/2009 mg/kg	KRT5-3 1/7/2009 mg/kg	OCIFP-003 10/18/2011 mg/kg	OCISED-013 11/2/2011 mg/kg	OCISED-023 11/2/2011 mg/kg
	2	2	6	6	6	6	6	6	6
	12	12	12	12	12	12	12	12	12
Methyl acetate	NS	NS	0.0076 U	0.0075 U	0.017 U	0.0085 U	NS	NS	NS
Methyl isobutyl ketone (4-Methyl-2-pentanone)	NS	12 U	0.015 U	0.999 R	0.034 U	0.017 U	0.013 U	0.0051 U	0.04 U
Methyl tertiary butyl ether (MTBE)	NS	NS	0.0076 U	0.0075 U	0.017 U	0.0085 U	0.013 U	0.0051 U	0.04 U
Methylcyclohexane	NS	NS	0.0076 U	0.999 R	0.017 U	0.0085 U	NS	NS	NS
Methylene chloride (Dichloromethane) (a)	NS	12 U	0.0076 U	0.0075 U	0.017 U	0.0085 U	0.013 UB	0.0051 UB	0.037 J (b)
Naphthalene	NS	380 U	0.032 J	0.033 J	0.22 J	0.17 J	NS	NS	NS
Nickel	8.3 B	NS	16.5	50.2	39.2	13.8	NS	NS	NS
Nitrobenzene	NS	380 U	0.28 U	0.27 U	0.87 U	0.37 U	NS	NS	NS
N-Nitrosodi-n-propylamine	NS	380 U	0.28 U	0.27 U	0.87 U	0.37 U	NS	NS	NS
N-Nitrosodiphenylamine	NS	380 U	0.28 U	0.27 UJ	0.87 U	0.37 U	NS	NS	NS
OCDD	NS	NS	NS	NS	NS	NS	NS	NS	NS
OCDF	NS	NS	NS	NS	NS	NS	NS	NS	NS
o-Xylene	NS	NS	0.0076 U	0.999 R	0.017 U	0.0085 U	NS	NS	NS
Pentachlorophenol	NS	960 U	0.54 U	0.52 UJ	1.7 UJ	0.72 U	NS	NS	NS
Phenanthrene	NS	22 J	0.6	0.29 J	1.5	5.5 D	NS	NS	NS
Phenol	NS	380 U	0.28 U	0.27 U	0.1 J	0.37 U	NS	NS	NS
Potassium	134 B	NS	422 J	453 J	606 J	346 J	NS	NS	NS
Pyrene	NS	40 J	1.4	0.4 J	2.1 J	9.7 D	NS	NS	NS
Selenium	0.85 B	NS	1.4 J	1.1 J	1.2 J	7.3 U	NS	NS	NS
Silver	0.44 U	NS	1.7 J	3.1	3.7	2.1 UJ	NS	NS	NS
Sodium	127 U	NS	210 J	213 J	285 J	138 J	NS	NS	NS
Styrene	NS	12 U	0.0076 U	0.999 R	0.017 U	0.0085 U	0.013 U	0.0051 U	0.04 UJ
Tetrachloroethene (PCE)	NS	12 U	0.0076 U	0.999 R	0.017 U	0.0085 U	0.013 U	0.0051 U	0.04 UJ
Thallium	1.3 U	NS	3.8 U	3.2 U	5.6 U	5.2 U	NS	NS	NS
Toluene (a)	NS	12 U	0.0076 U	0.0033 J (b)	0.012 J (b)	0.004 J (b)	0.013 U	0.00045 J (b)	0.04 UBJ
Toxaphene	NS	200 U	0.28 U	0.27 U	0.87 U	0.37 U	NS	NS	NS
trans-1,2-Dichloroethene	NS	NS	0.0076 U	0.0075 U	0.017 U	0.0085 U	0.013 U	0.0051 U	0.04 U
trans-1,3-Dichloropropene	NS	12 U	0.0076 U	0.999 R	0.017 U	0.0085 U	0.013 U	0.0051 U	0.04 UJ
Trichloroethene (TCE)	NS	12 U	0.0076 U	0.999 R	0.017 U	0.0085 U	0.013 U	0.0051 U	0.04 U
Trichlorofluoromethane	NS	NS	0.0076 U	0.0075 U	0.017 U	0.0085 U	0.013 U	0.0051 U	0.04 U
Vanadium	6.6 B	NS	14.5	17.6	22.9	11.2	NS	NS	NS
Vinyl Chloride	NS	12 U	0.0076 U	0.0075 U	0.017 U	0.0085 U	0.013 U	0.0051 U	0.04 U
Xylenes, Total	NS	12 U	NS	NS	NS	NS	0.013 U	0.0051 U	0.04 UJ
Zinc	26.3 J	NS	486	458	639	217	NS	NS	NS

Notes:  
(a) Potential laboratory contaminant.  
(b) For potential lab contaminants: The detected value is J / B flagged and the result is less than the reporting limit; the sample is considered a non-detect.

mg/kg = milligrams per kilogram  
ug/kg = microgram per kilogram

**TABLE A-3**  
**Data Summary Table for Sediment**

Sample Locaton: Sample Date: Unit: Starting Depth (inches): Ending Depth (inches):	OCISED-033 11/3/2011 mg/kg 6 13	OCISED-043 11/3/2011 mg/kg 4 12	OCISED-048 11/3/2011 mg/kg 6 12	OCISED-048 11/3/2011 pg/g 6 12	OCISED-053 11/3/2011 mg/kg 6 12	OCISED-053 11/3/2011 pg/g 6 12	OCISED-063 11/4/2011 mg/kg 6 13	OCISED-063 11/4/2011 pg/g 6 13
1,1,1-Trichloroethane	0.0048 U	0.0082 U	NS	NS	0.0052 U	NS	0.012 U	NS
1,1,2,2-Tetrachloroethane	0.0048 U	0.0082 U	NS	NS	0.0052 U	NS	0.012 U	NS
1,1,2-Trichloroethane	0.0048 U	0.0082 U	NS	NS	0.0052 U	NS	0.012 U	NS
1,1-Dichloroethane	0.0048 U	0.0082 U	NS	NS	0.0052 U	NS	0.012 U	NS
1,1-Dichloroethene	0.0048 U	0.0082 U	NS	NS	0.0052 U	NS	0.012 U	NS
1,2,3,4,6,7,8-HpCDD	NS	NS	NS	150	NS	310	NS	280
1,2,3,4,6,7,8-HpCDF	NS	NS	NS	25 J	NS	50	NS	57
1,2,3,4,7,8,9-HpCDF	NS	NS	NS	49 UX	NS	50 UX	NS	11 J
1,2,3,4,7,8-HxCDD	NS	NS	NS	49 U	NS	50 U	NS	54 U
1,2,3,4,7,8-HxCDF	NS	NS	NS	49 UX	NS	3.4 J	NS	29 J
1,2,3,6,7,8-HxCDD	NS	NS	NS	3.3 J	NS	50 UX	NS	6.7 J
1,2,3,6,7,8-HxCDF	NS	NS	NS	49 UX	NS	50 UX	NS	14 J
1,2,3,7,8,9-HxCDD	NS	NS	NS	49 U	NS	50 UX	NS	54 U
1,2,3,7,8,9-HxCDF	NS	NS	NS	49 U	NS	50 U	NS	54 U
1,2,3,7,8-PeCDD	NS	NS	NS	49 U	NS	50 U	NS	54 U
1,2,3,7,8-PeCDF	NS	NS	NS	49 U	NS	50 U	NS	54 U
1,2,3-Trichlorobenzene	0.0048 U	0.0082 U	NS	NS	0.0052 U	NS	0.012 U	NS
1,2,4,5-Tetrachlorobenzene	NS	NS	0.37 U	NS	0.38 U	NS	0.75 U	NS
1,2,4-Trichlorobenzene	0.0048 U	0.0082 U	NS	NS	0.0052 U	NS	0.012 U	NS
1,2-Dibromo-3-Chloropropane	0.0048 U	0.0082 U	NS	NS	0.0052 U	NS	0.012 U	NS
1,2-Dibromoethane (Ethylene dibromide)	0.0048 U	0.0082 U	NS	NS	0.0052 U	NS	0.012 U	NS
1,2-Dichlorobenzene	0.0048 U	0.0082 U	NS	NS	0.0052 U	NS	0.012 U	NS
1,2-Dichloroethane	0.0048 U	0.0082 U	NS	NS	0.0052 U	NS	0.012 U	NS
1,2-Dichloroethene (Total)	NS	NS	NS	NS	NS	NS	NS	NS
1,2-Dichloropropane	0.0048 U	0.0082 U	NS	NS	0.0052 U	NS	0.012 U	NS
1,3-Dichlorobenzene	0.0048 U	0.0082 U	NS	NS	0.0052 U	NS	0.012 U	NS
1,4-Dichlorobenzene	0.0048 U	0.0082 U	NS	NS	0.0052 U	NS	0.012 U	NS
1,4-Dioxane (p-Dioxane)	NS	NS	NS	NS	NS	NS	NS	NS
2,2'-Oxybis(1-Chloropropane)	NS	NS	NS	NS	NS	NS	NS	NS
2,3,4,6,7,8-HxCDF	NS	NS	NS	49 U	NS	50 U	NS	54 U
2,3,4,6-Tetrachlorophenol	NS	NS	NS	NS	NS	NS	NS	NS
2,3,4,7,8-PeCDF	NS	NS	NS	49 U	NS	50 U	NS	54 UX
2,3,7,8-TCDD	NS	NS	NS	9.9 U	NS	9.9 UX	NS	11 U
2,3,7,8-TCDF	NS	NS	NS	9.8 J	NS	9.9 UX	NS	14 J
2,4,5-Trichlorophenol	NS	NS	0.92 U	NS	0.95 U	NS	1.9 U	NS
2,4,6-Trichlorophenol	NS	NS	0.37 U	NS	0.38 U	NS	0.75 U	NS
2,4-Dichlorophenol	NS	NS	0.37 U	NS	0.38 U	NS	0.75 U	NS
2,4-Dimethylphenol	NS	NS	0.37 U	NS	0.38 U	NS	0.75 U	NS
2,4-Dinitrophenol	NS	NS	0.92 U	NS	0.95 U	NS	1.9 U	NS
2,4-Dinitrotoluene	NS	NS	0.37 U	NS	0.38 U	NS	0.75 U	NS
2,6-Dinitrotoluene	NS	NS	0.37 U	NS	0.38 U	NS	0.75 U	NS
2-Butanone (Methyl ethyl ketone) (a)	0.0048 U	0.035	NS	NS	0.0094	NS	0.084 J	NS
2-Chloronaphthalene	NS	NS	0.37 U	NS	0.38 U	NS	0.75 U	NS
2-Chlorophenol	NS	NS	0.37 U	NS	0.38 U	NS	0.75 U	NS
2-Hexanone	0.0048 U	0.0082 U	NS	NS	0.0052 U	NS	0.012 U	NS
2-Methylnaphthalene	NS	NS	0.37 U	NS	0.38 U	NS	0.75 U	NS
2-Methylphenol (o-Cresol)	NS	NS	0.37 U	NS	0.38 U	NS	0.75 U	NS
2-Nitroaniline	NS	NS	0.92 U	NS	0.95 U	NS	1.9 U	NS
2-Nitrophenol	NS	NS	0.37 U	NS	0.38 U	NS	0.75 U	NS
3,3'-Dichlorobenzidine	NS	NS	0.37 U	NS	0.38 U	NS	0.75 U	NS

**TABLE A-3**  
**Data Summary Table for Sediment**

Sample Locaton: Sample Date: Unit: Starting Depth (inches): Ending Depth (inches):	OCISED-033 11/3/2011 mg/kg	OCISED-043 11/3/2011 mg/kg	OCISED-048 11/3/2011 mg/kg	OCISED-048 11/3/2011 pg/g	OCISED-053 11/3/2011 mg/kg	OCISED-053 11/3/2011 pg/g	OCISED-063 11/4/2011 mg/kg	OCISED-063 11/4/2011 pg/g
	6	4	6	6	6	6	6	6
	13	12	12	12	12	12	13	13
3+4-Methylphenol (m,p-Cresol)	NS	NS	0.75 U	NS	0.77 U	NS	1.5 U	NS
3-Nitroaniline	NS	NS	0.92 U	NS	0.95 U	NS	1.9 U	NS
4,4'-DDD	NS	NS	0.00045 J	NS	0.00099 J	NS	0.015 J	NS
4,4'-DDE	NS	NS	0.0012 J	NS	0.0026 J	NS	0.037	NS
4,4'-DDT	NS	NS	0.0037 U	NS	0.0038 U	NS	0.03 U	NS
4,6-Dinitro-2-Methylphenol	NS	NS	0.92 U	NS	0.95 U	NS	1.9 U	NS
4-Bromophenyl phenyl ether	NS	NS	0.37 U	NS	0.38 U	NS	0.75 U	NS
4-Chloro-3-Methylphenol	NS	NS	0.052	NS	0.38 U	NS	0.75 U	NS
4-Chloroaniline	NS	NS	0.37 U	NS	0.38 U	NS	0.75 U	NS
4-Chlorophenyl phenyl ether	NS	NS	0.37 U	NS	0.38 U	NS	0.75 U	NS
4-Methylphenol (p-Cresol)	NS	NS	NS	NS	NS	NS	NS	NS
4-Nitroaniline	NS	NS	0.92 U	NS	0.95 U	NS	1.9 U	NS
4-Nitrophenol	NS	NS	0.92 U	NS	0.95 U	NS	1.9 U	NS
Acenaphthene	NS	NS	0.37 U	NS	0.38 U	NS	0.75 U	NS
Acenaphthylene	NS	NS	0.37 U	NS	0.38 U	NS	0.75 U	NS
Acetone (a)	0.0048 U	0.14	NS	NS	0.037	NS	0.28 J	NS
Acetophenone	NS	NS	0.37 U	NS	0.38 U	NS	0.75 U	NS
Aldrin	NS	NS	0.0019 U	NS	0.002 U	NS	0.015 U	NS
alpha-BHC	NS	NS	0.0019 U	NS	0.002 U	NS	0.015 U	NS
alpha-Chlordane	NS	NS	0.00058 J	NS	0.001 J	NS	0.0053 J	NS
Aluminum	NS	NS	2380	NS	3260	NS	5930	NS
Anthracene	NS	NS	0.37 U	NS	0.38 U	NS	0.068	NS
Antimony	NS	NS	4.4 U	NS	4.8 U	NS	10.6 U	NS
Arsenic	NS	NS	3.6	NS	5	NS	66.7	NS
Atrazine	NS	NS	0.37 U	NS	0.38 U	NS	0.75 U	NS
Barium	NS	NS	29.7 J	NS	74.6 J	NS	248 J	NS
Benzaldehyde	NS	NS	0.37 U	NS	0.38 U	NS	0.11	NS
Benzene	0.0048 U	0.0082 U	NS	NS	0.0052 U	NS	0.012 U	NS
Benzo(a)anthracene	NS	NS	0.026	NS	0.073	NS	0.27	NS
Benzo(a)pyrene	NS	NS	0.37 U	NS	0.38 U	NS	0.34	NS
Benzo(b)fluoranthene	NS	NS	0.033	NS	0.061	NS	0.28	NS
Benzo(g,h,i)perylene	NS	NS	0.023	NS	0.048	NS	0.2	NS
Benzo(k)fluoranthene	NS	NS	0.37 U	NS	0.1	NS	0.41	NS
Beryllium	NS	NS	0.13 J	NS	0.17 J	NS	0.39 J	NS
beta-BHC	NS	NS	0.0019 U	NS	0.002 U	NS	0.015 U	NS
beta-Chlordane	NS	NS	0.0019 U	NS	0.002 U	NS	0.015 U	NS
bis(2-Chloroethoxy)methane	NS	NS	0.37 U	NS	0.38 U	NS	0.75 U	NS
bis(2-Chloroethyl)ether	NS	NS	0.37 U	NS	0.38 U	NS	0.75 U	NS
bis(2-Chloroisopropyl)ether	NS	NS	0.37 U	NS	0.38 U	NS	0.75 U	NS
bis(2-Ethylhexyl)phthalate (a)	NS	NS	0.032	NS	0.089	NS	0.16	NS
Bromodichloromethane (Dichlorobromomethane)	0.0048 U	0.0082 U	NS	NS	0.0052 U	NS	0.012 U	NS
Bromoform (Tribromomethane)	0.0048 U	0.0082 U	NS	NS	0.0052 U	NS	0.012 U	NS
Bromomethane (Methyl bromide)	0.0048 UJ	0.0082 UJ	NS	NS	0.0052 UJ	NS	0.012 UJ	NS
Butyl benzyl phthalate (a)	NS	NS	0.37 U	NS	0.38 U	NS	0.75 U	NS
Cadmium	NS	NS	0.36	NS	1.3	NS	2.6	NS
Calcium	NS	NS	66200 J	NS	38000 J	NS	54400 J	NS
Caprolactam	NS	NS	0.37 U	NS	0.38 U	NS	0.75 U	NS
Carbazole	NS	NS	0.37 U	NS	0.017	NS	0.75 U	NS
Carbon disulfide (a)	0.0009 J (b)	0.0082 U	NS	NS	0.0052 U	NS	0.0037 J (b)	NS
Carbon tetrachloride	0.0048 U	0.0082 U	NS	NS	0.0052 U	NS	0.012 U	NS
Chlordane (technical)	NS	NS	0.019 U	NS	0.02 U	NS	0.15 U	NS



**TABLE A-3**  
**Data Summary Table for Sediment**

Sample Locaton: Sample Date: Unit: Starting Depth (inches): Ending Depth (inches):	OCISED-033 11/3/2011 mg/kg	OCISED-043 11/3/2011 mg/kg	OCISED-048 11/3/2011 mg/kg	OCISED-048 11/3/2011 pg/g	OCISED-053 11/3/2011 mg/kg	OCISED-053 11/3/2011 pg/g	OCISED-063 11/4/2011 mg/kg	OCISED-063 11/4/2011 pg/g
	6	4	6	6	6	6	6	6
	13	12	12	12	12	12	13	13
Chlorobenzene	0.0048 U	0.0082 U	NS	NS	0.0052 U	NS	0.012 U	NS
Chlorobromomethane (Bromochloromethane)	0.0048 U	0.0082 U	NS	NS	0.0052 U	NS	0.012 U	NS
Chlorodibromomethane (Dibromochloromethane)	0.0048 U	0.0082 U	NS	NS	0.0052 U	NS	0.012 U	NS
Chloroethane	0.0048 U	0.0082 U	NS	NS	0.0052 U	NS	0.012 U	NS
Chloroform	0.0048 U	0.0082 U	NS	NS	0.0052 U	NS	0.012 U	NS
Chloromethane (Methyl chloride)	0.0048 U	0.0082 U	NS	NS	0.0052 U	NS	0.012 U	NS
Chromium	NS	NS	16.3 J	NS	38.4 J	NS	87.5 J	NS
Chrysene	NS	NS	0.039	NS	0.11	NS	0.37	NS
cis-1,2-Dichloroethene	0.0048 U	0.0082 U	NS	NS	0.0052 U	NS	0.012 U	NS
cis-1,3-Dichloropropene	0.0048 U	0.0082 U	NS	NS	0.0052 U	NS	0.012 U	NS
Cobalt	NS	NS	2.3 J	NS	3 J	NS	10.9 J	NS
Copper	NS	NS	10.3	NS	32.9	NS	82.4	NS
Cyanide	NS	NS	NS	NS	NS	NS	NS	NS
Cyclohexane	NS	NS	NS	NS	NS	NS	NS	NS
delta-BHC	NS	NS	0.0019 U	NS	0.028	NS	0.015 U	NS
Dibenzo(a,h)anthracene	NS	NS	0.37 U	NS	0.38 U	NS	0.75 U	NS
Dibenzofuran	NS	NS	0.37 U	NS	0.38 U	NS	0.75 U	NS
Dichlorodifluoromethane	0.0048 U	0.0082 U	NS	NS	0.0052 U	NS	0.012 U	NS
Dieldrin	NS	NS	0.0037 U	NS	0.0038 U	NS	0.03 U	NS
Diethyl phthalate	NS	NS	0.37 U	NS	0.38 U	NS	0.75 U	NS
Dimethyl phthalate	NS	NS	0.37 U	NS	0.38 U	NS	0.75 U	NS
Di-n-butyl phthalate (a)	NS	NS	0.37 U	NS	0.035	NS	0.064	NS
Di-n-octyl phthalate (a)	NS	NS	0.37 U	NS	0.38 U	NS	0.75 U	NS
Endosulfan I	NS	NS	0.0019 U	NS	0.002 U	NS	0.015 U	NS
Endosulfan II	NS	NS	0.0037 U	NS	0.0038 U	NS	0.03 U	NS
Endosulfan sulfate	NS	NS	0.0037 U	NS	0.0038 U	NS	0.03 U	NS
Endrin	NS	NS	0.00056 J	NS	0.00093 J	NS	0.03 U	NS
Endrin aldehyde	NS	NS	0.0037 U	NS	0.0038 U	NS	0.03 U	NS
Endrin ketone	NS	NS	0.0037 U	NS	0.0038 U	NS	0.03 U	NS
Ethylbenzene	0.0048 U	0.0082 U	NS	NS	0.0052 U	NS	0.012 U	NS
Fluoranthene	NS	NS	0.037	NS	0.14	NS	0.35	NS
Fluorene	NS	NS	0.37 U	NS	0.38 U	NS	0.75 U	NS
Freon-113 (1,1,2-trichloro-1,2,2-trifluoroethane)	0.0048 U	0.0082 U	NS	NS	0.0052 U	NS	0.012 U	NS
gamma-BHC (Lindane)	NS	NS	0.0019 U	NS	0.002 U	NS	0.015 U	NS
gamma-Chlordane	NS	NS	NS	NS	NS	NS	NS	NS
Heptachlor	NS	NS	0.0019 U	NS	0.002 U	NS	0.0088 J	NS
Heptachlor Epoxide	NS	NS	0.0019 U	NS	0.002 U	NS	0.015 U	NS
Hexachlorobenzene	NS	NS	0.37 U	NS	0.38 U	NS	0.75 U	NS
Hexachlorobutadiene	NS	NS	0.37 U	NS	0.38 U	NS	0.75 U	NS
Hexachlorocyclopentadiene	NS	NS	0.37 U	NS	0.38 U	NS	0.75 U	NS
Hexachloroethane	NS	NS	0.37 U	NS	0.38 U	NS	0.75 U	NS
Indeno(1,2,3-cd)pyrene	NS	NS	0.37 U	NS	0.38 U	NS	0.75 U	NS
Iron	NS	NS	6300 J	NS	6840 J	NS	18000 J	NS
Isophorone	NS	NS	0.37 U	NS	0.38 U	NS	0.75 U	NS
Isopropylbenzene (Cumene)	0.0048 U	0.0082 U	NS	NS	0.0052 U	NS	0.012 U	NS
Lead	NS	NS	33.8	NS	81	NS	199	NS
m+p-Xylenes	NS	NS	NS	NS	NS	NS	NS	NS
Magnesium	NS	NS	10100	NS	10100	NS	18300	NS
Manganese	NS	NS	199 J	NS	184 J	NS	293 J	NS
Mercury	0.13	0.059	0.17	NS	0.19	NS	0.94	NS
Methoxychlor	NS	NS	0.019 U	NS	0.02 U	NS	0.15 U	NS

**TABLE A-3**  
**Data Summary Table for Sediment**

Sample Locaton: Sample Date: Unit: Starting Depth (inches): Ending Depth (inches):	OCISED-033 11/3/2011 mg/kg 6 13	OCISED-043 11/3/2011 mg/kg 4 12	OCISED-048 11/3/2011 mg/kg 6 12	OCISED-048 11/3/2011 pg/g 6 12	OCISED-053 11/3/2011 mg/kg 6 12	OCISED-053 11/3/2011 pg/g 6 12	OCISED-063 11/4/2011 mg/kg 6 13	OCISED-063 11/4/2011 pg/g 6 13
Methyl acetate	NS	NS	NS	NS	NS	NS	NS	NS
Methyl isobutyl ketone (4-Methyl-2-pentanone)	0.0048 U	0.0082 U	NS	NS	0.0052 U	NS	0.012 U	NS
Methyl tertiary butyl ether (MTBE)	0.0048 U	0.0082 U	NS	NS	0.0052 U	NS	0.012 U	NS
Methylcyclohexane	NS	NS	NS	NS	NS	NS	NS	NS
Methylene chloride (Dichloromethane) (a)	0.0014 J (b)	0.0041 J (b)	NS	NS	0.0012 J (b)	NS	0.012 U	NS
Naphthalene	NS	NS	0.37 U	NS	0.38 U	NS	0.75 U	NS
Nickel	NS	NS	8.1 J	NS	14.2 J	NS	23.6 J	NS
Nitrobenzene	NS	NS	0.37 U	NS	0.38 U	NS	0.75 U	NS
N-Nitrosodi-n-propylamine	NS	NS	0.37 U	NS	0.38 U	NS	0.75 U	NS
N-Nitrosodiphenylamine	NS	NS	0.43 U	NS	0.44 U	NS	0.88 U	NS
OCDD	NS	NS	NS	1400 J	NS	3200 J	NS	2400 J
OCDF	NS	NS	NS	13 J	NS	32 J	NS	29 J
o-Xylene	NS	NS	NS	NS	NS	NS	NS	NS
Pentachlorophenol	NS	NS	0.92 U	NS	0.95 U	NS	1.9 U	NS
Phenanthrene	NS	NS	0.015	NS	0.13	NS	0.27	NS
Phenol	NS	NS	0.37 U	NS	0.38 U	NS	0.75 U	NS
Potassium	NS	NS	186 J	NS	205 J	NS	382 J	NS
Pyrene	NS	NS	0.059	NS	0.19	NS	0.48	NS
Selenium	NS	NS	0.68 J	NS	2.8 U	NS	1.8 J	NS
Silver	NS	NS	0.73 U	NS	0.29 J	NS	2.1	NS
Sodium	NS	NS	87.9 J	NS	71.6 J	NS	178 J	NS
Styrene	0.0048 U	0.0082 U	NS	NS	0.0052 U	NS	0.012 U	NS
Tetrachloroethene (PCE)	0.0048 U	0.0082 U	NS	NS	0.0052 U	NS	0.012 U	NS
Thallium	NS	NS	1.8 U	NS	2 U	NS	4.4 U	NS
Toluene (a)	0.00053 J (b)	0.00059 J (b)	NS	NS	0.00054 J (b)	NS	0.012 UB	NS
Toxaphene	NS	NS	0.19 U	NS	0.2 U	NS	1.5 U	NS
trans-1,2-Dichloroethene	0.0048 U	0.0082 U	NS	NS	0.0052 U	NS	0.012 U	NS
trans-1,3-Dichloropropene	0.0048 U	0.0082 U	NS	NS	0.0052 U	NS	0.012 U	NS
Trichloroethene (TCE)	0.0048 U	0.0082 U	NS	NS	0.0052 U	NS	0.012 U	NS
Trichlorofluoromethane	0.0048 U	0.0082 U	NS	NS	0.0052 U	NS	0.012 U	NS
Vanadium	NS	NS	8	NS	8.8	NS	11.5	NS
Vinyl Chloride	0.0048 U	0.0082 U	NS	NS	0.0052 U	NS	0.012 U	NS
Xylenes, Total	0.0048 U	0.0082 U	NS	NS	0.0052 U	NS	0.012 U	NS
Zinc	NS	NS	43 J	NS	98.6 J	NS	218 J	NS

Notes:

(a) Potential laboratory contaminant.

(b) For potential lab contaminants: The detected value is J / B flagged and the result is less than the reporting limit; the sample is considered a non-detect.

mg/kg = milligrams per kilogram

ug/kg = microgram per kilogram

TABLE A-3  
Data Summary Table for Sediment

Sample Locaton: Sample Date: Unit: Starting Depth (inches): Ending Depth (inches):	OCISED-073 11/4/2011 mg/kg	OCISED-073 11/4/2011 pg/g	KPT49-1 7/16/1997 mg/kg	KPT49-1 7/16/1997 ug/kg	KPT92-7 7/23/1997 mg/kg	KPT92-7 7/23/1997 mg/kg	KPT92-7 7/23/1997 mg/kg	KPT92-7 7/23/1997 ug/kg	KPT92-7 7/23/1997 ug/kg
	6	6	12	12	12	29	36	12	29
	12	12	24	24	29	36	48	29	36
1,1,1-Trichloroethane	0.015 U	NS	NS	13 U	NS	NS	NS	12 U	130 U
1,1,2,2-Tetrachloroethane	0.015 U	NS	NS	13 U	NS	NS	NS	12 U	130 U
1,1,2-Trichloroethane	0.015 U	NS	NS	13 U	NS	NS	NS	12 U	130 U
1,1-Dichloroethane	0.015 U	NS	NS	13 U	NS	NS	NS	12 U	130 U
1,1-Dichloroethene	0.015 U	NS	NS	13 U	NS	NS	NS	12 U	130 U
1,2,3,4,6,7,8-HpCDD	NS	610	NS	NS	NS	NS	NS	NS	NS
1,2,3,4,6,7,8-HpCDF	NS	92	NS	NS	NS	NS	NS	NS	NS
1,2,3,4,7,8,9-HpCDF	NS	5.2 J	NS	NS	NS	NS	NS	NS	NS
1,2,3,4,7,8-HxCDD	NS	56 U	NS	NS	NS	NS	NS	NS	NS
1,2,3,4,7,8-HxCDF	NS	9 J	NS	NS	NS	NS	NS	NS	NS
1,2,3,6,7,8-HxCDD	NS	20 J	NS	NS	NS	NS	NS	NS	NS
1,2,3,6,7,8-HxCDF	NS	56 UX	NS	NS	NS	NS	NS	NS	NS
1,2,3,7,8,9-HxCDD	NS	56 UX	NS	NS	NS	NS	NS	NS	NS
1,2,3,7,8,9-HxCDF	NS	56 U	NS	NS	NS	NS	NS	NS	NS
1,2,3,7,8-PeCDD	NS	56 U	NS	NS	NS	NS	NS	NS	NS
1,2,3,7,8-PeCDF	NS	56 U	NS	NS	NS	NS	NS	NS	NS
1,2,3-Trichlorobenzene	0.015 U	NS	NS	NS	NS	NS	NS	NS	NS
1,2,4,5-Tetrachlorobenzene	0.78 U	NS	NS	NS	NS	NS	NS	NS	NS
1,2,4-Trichlorobenzene	0.015 U	NS	NS	420 U	NS	NS	NS	390 U	1700 U
1,2-Dibromo-3-Chloropropane	0.015 U	NS	NS	NS	NS	NS	NS	NS	NS
1,2-Dibromoethane (Ethylene dibromide)	0.015 U	NS	NS	NS	NS	NS	NS	NS	NS
1,2-Dichlorobenzene	0.015 U	NS	NS	420 U	NS	NS	NS	390 U	1700 U
1,2-Dichloroethane	0.015 U	NS	NS	13 U	NS	NS	NS	12 U	130 U
1,2-Dichloroethene (Total)	NS	NS	NS	13 U	NS	NS	NS	12 U	130 U
1,2-Dichloropropane	0.015 U	NS	NS	13 U	NS	NS	NS	12 U	130 U
1,3-Dichlorobenzene	0.015 U	NS	NS	420 U	NS	NS	NS	390 U	1700 U
1,4-Dichlorobenzene	0.015 U	NS	NS	420 U	NS	NS	NS	390 U	1700 U
1,4-Dioxane (p-Dioxane)	NS	NS	NS	NS	NS	NS	NS	NS	NS
2,2'-Oxybis(1-Chloropropane)	NS	NS	NS	420 U	NS	NS	NS	NS	NS
2,3,4,6,7,8-HxCDF	NS	56 UX	NS	NS	NS	NS	NS	NS	NS
2,3,4,6-Tetrachlorophenol	NS	NS	NS	NS	NS	NS	NS	NS	NS
2,3,4,7,8-PeCDF	NS	56 UX	NS	NS	NS	NS	NS	NS	NS
2,3,7,8-TCDD	NS	18	NS	NS	NS	NS	NS	NS	NS
2,3,7,8-TCDF	NS	11 UX	NS	NS	NS	NS	NS	NS	NS
2,4,5-Trichlorophenol	2 U	NS	NS	1000 U	NS	NS	NS	980 U	4400 U
2,4,6-Trichlorophenol	0.78 U	NS	NS	420 U	NS	NS	NS	390 U	1700 U
2,4-Dichlorophenol	0.78 U	NS	NS	420 U	NS	NS	NS	390 U	1700 U
2,4-Dimethylphenol	0.78 U	NS	NS	420 U	NS	NS	NS	390 U	1700 U
2,4-Dinitrophenol	2 U	NS	NS	1000 U	NS	NS	NS	980 U	4400 U
2,4-Dinitrotoluene	0.78 U	NS	NS	420 U	NS	NS	NS	390 U	1700 U
2,6-Dinitrotoluene	0.78 U	NS	NS	420 U	NS	NS	NS	390 U	1700 U
2-Butanone (Methyl ethyl ketone) (a)	0.058 J	NS	NS	13 U	NS	NS	NS	12 U	260
2-Chloronaphthalene	0.78 U	NS	NS	420 U	NS	NS	NS	390 U	1700 U
2-Chlorophenol	0.78 U	NS	NS	420 U	NS	NS	NS	390 U	1700 U
2-Hexanone	0.015 U	NS	NS	13 U	NS	NS	NS	12 U	130 U
2-Methylnaphthalene	0.08	NS	NS	420 U	NS	NS	NS	390 U	180 J
2-Methylphenol (o-Cresol)	0.78 U	NS	NS	420 U	NS	NS	NS	390 U	1700 U
2-Nitroaniline	2 U	NS	NS	1000 U	NS	NS	NS	980 U	4400 U
2-Nitrophenol	0.78 U	NS	NS	420 U	NS	NS	NS	390 U	1700 U
3,3'-Dichlorobenzidine	0.78 U	NS	NS	420 U	NS	NS	NS	390 U	1700 U

TABLE A-3  
Data Summary Table for Sediment

Sample Locaton: Sample Date: Unit: Starting Depth (inches): Ending Depth (inches):	OCISED-073 11/4/2011 mg/kg	OCISED-073 11/4/2011 pg/g	KPT49-1 7/16/1997 mg/kg	KPT49-1 7/16/1997 ug/kg	KPT92-7 7/23/1997 mg/kg	KPT92-7 7/23/1997 mg/kg	KPT92-7 7/23/1997 mg/kg	KPT92-7 7/23/1997 ug/kg	KPT92-7 7/23/1997 ug/kg
	6	6	12	12	12	29	36	12	29
	12	12	24	24	29	36	48	29	36
3+4-Methylphenol (m,p-Cresol)	1.6 U	NS	NS	NS	NS	NS	NS	NS	NS
3-Nitroaniline	2 U	NS	NS	1000 U	NS	NS	NS	980 U	4400 U
4,4'-DDD	0.067 J	NS	NS	4.2 U	NS	NS	NS	3.9 U	8.7 U
4,4'-DDE	0.2	NS	0.0042 U	NS	NS	NS	NS	3.9 U	8.7 U
4,4'-DDT	0.16 U	NS	NS	4.2 U	NS	NS	NS	3.9 U	6.1 J
4,6-Dinitro-2-Methylphenol	2 U	NS	NS	1000 U	NS	NS	NS	980 U	4400 U
4-Bromophenyl phenyl ether	0.78 U	NS	NS	420 U	NS	NS	NS	390 U	1700 U
4-Chloro-3-Methylphenol	0.78 U	NS	NS	420 U	NS	NS	NS	390 U	1700 U
4-Chloroaniline	0.78 U	NS	NS	420 U	NS	NS	NS	390 U	1700 U
4-Chlorophenyl phenyl ether	0.78 U	NS	NS	420 U	NS	NS	NS	390 U	1700 U
4-Methylphenol (p-Cresol)	NS	NS	NS	420 U	NS	NS	NS	390 U	300 J
4-Nitroaniline	2 U	NS	NS	1000 U	NS	NS	NS	980 U	4400 U
4-Nitrophenol	2 U	NS	NS	1000 U	NS	NS	NS	980 U	4400 U
Acenaphthene	0.047	NS	NS	420 U	NS	NS	NS	390 U	1700 U
Acenaphthylene	0.78 U	NS	NS	420 U	NS	NS	NS	390 U	1700 U
Acetone (a)	0.19 J	NS	NS	26 U	NS	NS	NS	12 U	810
Acetophenone	0.78 U	NS	NS	NS	NS	NS	NS	NS	NS
Aldrin	0.083 U	NS	NS	2.1 U	NS	NS	NS	2 U	4.5 U
alpha-BHC	0.083 U	NS	NS	2.1 U	NS	NS	NS	2 U	4.5 U
alpha-Chlordane	0.026 J	NS	NS	2.1 U	NS	NS	NS	2 U	4.5 U
Aluminum	5670	NS	1310	NS	1350	16300	16000	NS	NS
Anthracene	0.15	NS	NS	420 U	NS	NS	NS	390 U	160 J
Antimony	11.8 U	NS	0.73 B	NS	0.62 U	5.1 B	5.2 B	NS	NS
Arsenic	25.9	NS	2.4	NS	2.1 B	20.3	18.7	NS	NS
Atrazine	0.78 U	NS	NS	NS	NS	NS	NS	NS	NS
Barium	123 J	NS	22.4 B	NS	14.5 B	364	471	NS	NS
Benzaldehyde	0.051	NS	NS	NS	NS	NS	NS	NS	NS
Benzene	0.015 U	NS	NS	13 U	NS	NS	NS	12 U	130 U
Benzo(a)anthracene	0.75	NS	NS	420 U	NS	NS	NS	390 U	1000 J
Benzo(a)pyrene	0.71	NS	NS	420 U	NS	NS	NS	390 U	770 J
Benzo(b)fluoranthene	0.58	NS	NS	420 U	NS	NS	NS	390 U	1100 J
Benzo(g,h,i)perylene	0.39	NS	NS	420 U	NS	NS	NS	390 U	720 J
Benzo(k)fluoranthene	0.74	NS	NS	420 U	NS	NS	NS	390 U	1700 U
Beryllium	0.44 J	NS	0.02 U	NS	0.02 U	0.47 B	0.44 B	NS	NS
beta-BHC	0.083 U	NS	NS	2.1 U	NS	NS	NS	2 U	4.5 U
beta-Chlordane	0.083 U	NS	0.0021 U	NS	NS	NS	NS	2 U	4.5 U
bis(2-Chloroethoxy)methane	0.78 U	NS	NS	420 U	NS	NS	NS	390 U	1700 U
bis(2-Chloroethyl)ether	0.78 U	NS	NS	420 U	NS	NS	NS	390 U	1700 U
bis(2-Chloroisopropyl)ether	0.78 U	NS	0.42 U	NS	NS	NS	NS	390 UJ	1700 U
bis(2-Ethylhexyl)phthalate (a)	0.36	NS	NS	420 U	NS	NS	NS	34 J	1700 U
Bromodichloromethane (Dichlorobromomethane)	0.015 U	NS	NS	13 U	NS	NS	NS	12 U	130 U
Bromoform (Tribromomethane)	0.015 U	NS	NS	13 U	NS	NS	NS	12 U	130 U
Bromomethane (Methyl bromide)	0.015 UJ	NS	NS	13 U	NS	NS	NS	12 U	130 U
Butyl benzyl phthalate (a)	0.78 U	NS	NS	420 U	NS	NS	NS	390 U	1700 U
Cadmium	2.6	NS	0.1 U	NS	0.09 U	6.1	5.9	NS	NS
Calcium	33100 J	NS	52400	NS	31900	16000	20400	NS	NS
Caprolactam	0.78 U	NS	NS	NS	NS	NS	NS	NS	NS
Carbazole	0.05	NS	NS	420 U	NS	NS	NS	390 U	1700 U
Carbon disulfide (a)	0.0063 J (b)	NS	NS	1 J	NS	NS	NS	12 U	18 J
Carbon tetrachloride	0.015 U	NS	NS	13 U	NS	NS	NS	12 U	130 U
Chlordane (technical)	0.83 U	NS	NS	NS	NS	NS	NS	NS	NS

TABLE A-3  
Data Summary Table for Sediment

Sample Locaton: Sample Date: Unit: Starting Depth (inches): Ending Depth (inches):	OCISED-073 11/4/2011 mg/kg	OCISED-073 11/4/2011 pg/g	KPT49-1 7/16/1997 mg/kg	KPT49-1 7/16/1997 ug/kg	KPT92-7 7/23/1997 mg/kg	KPT92-7 7/23/1997 mg/kg	KPT92-7 7/23/1997 mg/kg	KPT92-7 7/23/1997 ug/kg	KPT92-7 7/23/1997 ug/kg
	6 12	6 12	12 24	12 24	12 29	29 36	36 48	12 29	29 36
Chlorobenzene	0.015 U	NS	NS	13 U	NS	NS	NS	12 U	130 U
Chlorobromomethane (Bromochloromethane)	0.015 U	NS	NS	NS	NS	NS	NS	NS	NS
Chlorodibromomethane (Dibromochloromethane)	0.015 U	NS	NS	13 U	NS	NS	NS	12 U	130 U
Chloroethane	0.015 U	NS	NS	13 U	NS	NS	NS	12 U	130 U
Chloroform	0.015 U	NS	NS	13 U	NS	NS	NS	12 U	130 U
Chloromethane (Methyl chloride)	0.015 U	NS	NS	13 U	NS	NS	NS	12 U	130 U
Chromium	89.3 J	NS	3.6	NS	7.3	177	136	NS	NS
Chrysene	0.82	NS	NS	420 U	NS	NS	NS	390 U	1000 J
cis-1,2-Dichloroethene	0.015 U	NS	NS	NS	NS	NS	NS	NS	NS
cis-1,3-Dichloropropene	0.015 U	NS	NS	13 U	NS	NS	NS	12 U	130 U
Cobalt	6.3 J	NS	1.9 B	NS	1.7 B	12.9 B	10.2 B	NS	NS
Copper	83	NS	1.4 B	NS	2.6 B	387	416	NS	NS
Cyanide	NS	NS	0.67 U	NS	0.62 U	1.6 UJ	1.5 UJ	NS	NS
Cyclohexane	NS	NS	NS	NS	NS	NS	NS	NS	NS
delta-BHC	0.083 U	NS	NS	2.1 U	NS	NS	NS	2 U	4.5 U
Dibenzo(a,h)anthracene	0.78 U	NS	NS	420 U	NS	NS	NS	390 U	210 J
Dibenzofuran	0.78 U	NS	NS	420 U	NS	NS	NS	390 U	1700 U
Dichlorodifluoromethane	0.015 U	NS	NS	NS	NS	NS	NS	NS	NS
Dieldrin	0.2 JN	NS	NS	4.2 U	NS	NS	NS	3.9 U	8.7 U
Diethyl phthalate	0.78 U	NS	NS	420 U	NS	NS	NS	390 U	1700 U
Dimethyl phthalate	0.78 U	NS	NS	420 U	NS	NS	NS	390 U	1700 U
Di-n-butyl phthalate (a)	0.77	NS	NS	420 U	NS	NS	NS	390 U	1700 U
Di-n-octyl phthalate (a)	0.78 U	NS	NS	420 U	NS	NS	NS	390 UJ	1700 U
Endosulfan I	0.083 U	NS	NS	2.1 U	NS	NS	NS	2 U	4.5 U
Endosulfan II	0.16 U	NS	NS	4.2 U	NS	NS	NS	3.9 U	8.7 U
Endosulfan sulfate	0.16 U	NS	NS	4.2 U	NS	NS	NS	3.9 U	7 J
Endrin	0.16 U	NS	NS	4.2 U	NS	NS	NS	3.9 U	8.7 U
Endrin aldehyde	0.16 U	NS	NS	4.2 U	NS	NS	NS	3.9 U	12
Endrin ketone	0.16 U	NS	NS	4.2 U	NS	NS	NS	3.9 U	6.6 J
Ethylbenzene	0.015 U	NS	NS	13 U	NS	NS	NS	12 U	130 U
Fluoranthene	0.94	NS	NS	32 J	NS	NS	NS	390 U	1100 J
Fluorene	0.056	NS	NS	420 U	NS	NS	NS	390 U	140 J
Freon-113 (1,1,2-trichloro-1,2,2-trifluoroethane)	0.015 U	NS	NS	NS	NS	NS	NS	NS	NS
gamma-BHC (Lindane)	0.083 U	NS	NS	2.1 U	NS	NS	NS	2 U	4.5 U
gamma-Chlordane	NS	NS	NS	2.1 U	NS	NS	NS	NS	NS
Heptachlor	0.083 U	NS	NS	2.1 U	NS	NS	NS	2 U	4.5 U
Heptachlor Epoxide	0.088 JN	NS	NS	2.1 U	NS	NS	NS	2 U	2.5 J
Hexachlorobenzene	0.78 U	NS	NS	420 U	NS	NS	NS	390 U	1700 U
Hexachlorobutadiene	0.78 U	NS	NS	420 U	NS	NS	NS	390 U	1700 U
Hexachlorocyclopentadiene	0.78 U	NS	NS	420 U	NS	NS	NS	390 U	1700 UJ
Hexachloroethane	0.78 U	NS	NS	420 U	NS	NS	NS	390 U	1700 U
Indeno(1,2,3-cd)pyrene	0.35	NS	NS	420 U	NS	NS	NS	390 U	530 J
Iron	16400 J	NS	4250	NS	4020	19500	18700	NS	NS
Isophorone	0.78 U	NS	NS	420 U	NS	NS	NS	390 U	1700 U
Isopropylbenzene (Cumene)	0.015 U	NS	NS	NS	NS	NS	NS	NS	NS
Lead	147	NS	1.5	NS	9.3	1200	947	NS	NS
m+p-Xylenes	NS	NS	NS	NS	NS	NS	NS	NS	NS
Magnesium	6930	NS	3870	NS	8250	7990	5960	NS	NS
Manganese	157 J	NS	225	NS	179	180	251	NS	NS
Mercury	0.85	NS	0.05 U	NS	0.05 B	3.8	4.3	NS	NS
Methoxychlor	0.83 U	NS	NS	21 U	NS	NS	NS	20 U	24 JN

TABLE A-3  
Data Summary Table for Sediment

Sample Locaton: Sample Date: Unit: Starting Depth (inches): Ending Depth (inches):	OCISED-073 11/4/2011 mg/kg	OCISED-073 11/4/2011 pg/g	KPT49-1 7/16/1997 mg/kg	KPT49-1 7/16/1997 ug/kg	KPT92-7 7/23/1997 mg/kg	KPT92-7 7/23/1997 mg/kg	KPT92-7 7/23/1997 mg/kg	KPT92-7 7/23/1997 ug/kg	KPT92-7 7/23/1997 ug/kg
	6	6	12	12	12	29	36	12	29
	12	12	24	24	29	36	48	29	36
Methyl acetate	NS	NS	NS	NS	NS	NS	NS	NS	NS
Methyl isobutyl ketone (4-Methyl-2-pentanone)	0.015 U	NS	NS	13 U	NS	NS	NS	12 U	130 U
Methyl tertiary butyl ether (MTBE)	0.015 U	NS	NS	NS	NS	NS	NS	NS	NS
Methylcyclohexane	NS	NS	NS	NS	NS	NS	NS	NS	NS
Methylene chloride (Dichloromethane) (a)	0.0024 J (b)	NS	NS	13 U	NS	NS	NS	7 J	250
Naphthalene	0.056	NS	NS	420 U	NS	NS	NS	390 U	1700 U
Nickel	33.4 J	NS	2.9 B	NS	5 B	25.1	73.2	NS	NS
Nitrobenzene	0.78 U	NS	NS	420 U	NS	NS	NS	390 U	1700 U
N-Nitrosodi-n-propylamine	0.78 U	NS	NS	420 U	NS	NS	NS	390 U	1700 U
N-Nitrosodiphenylamine	0.92 U	NS	NS	420 U	NS	NS	NS	390 U	1700 U
OCDD	NS	5500 J	NS	NS	NS	NS	NS	NS	NS
OCDF	NS	71 J	NS	NS	NS	NS	NS	NS	NS
o-Xylene	NS	NS	NS	NS	NS	NS	NS	NS	NS
Pentachlorophenol	2 U	NS	NS	1000 U	NS	NS	NS	980 U	4400 U
Phenanthrene	0.56	NS	NS	420 U	NS	NS	NS	390 U	940 J
Phenol	0.78 U	NS	NS	420 U	NS	NS	NS	390 U	1700 U
Potassium	574 J	NS	119 B	NS	132 B	771 B	976 B	NS	NS
Pyrene	1.5	NS	NS	100 J	NS	NS	NS	390 U	2800
Selenium	2.3 J	NS	0.95 U	NS	0.86 U	3.3	1.9 U	NS	NS
Silver	0.63 J	NS	0.26 U	NS	0.24 U	4.8	4.8	NS	NS
Sodium	141 J	NS	102 U	NS	92.4 U	285 U	337 B	NS	NS
Styrene	0.015 U	NS	NS	13 U	NS	NS	NS	12 U	130 U
Tetrachloroethene (PCE)	0.015 U	NS	NS	13 U	NS	NS	NS	12 U	130 U
Thallium	4.9 U	NS	1.4 U	NS	1.3 U	2.8 U	2.8 U	NS	NS
Toluene (a)	0.015 UB	NS	NS	2 J	NS	NS	NS	12 U	12 J
Toxaphene	8.3 U	NS	NS	210 U	NS	NS	NS	200 U	450 U
trans-1,2-Dichloroethene	0.015 U	NS	NS	NS	NS	NS	NS	NS	NS
trans-1,3-Dichloropropene	0.015 U	NS	NS	13 U	NS	NS	NS	12 U	130 U
Trichloroethene (TCE)	0.015 U	NS	NS	13 U	NS	NS	NS	12 U	14 J
Trichlorofluoromethane	0.015 U	NS	NS	NS	NS	NS	NS	NS	NS
Vanadium	12.1	NS	4.7 B	NS	8.4 B	21.8 B	18.2 B	NS	NS
Vinyl Chloride	0.015 U	NS	NS	13 U	NS	NS	NS	12 U	130 U
Xylenes, Total	0.015 U	NS	NS	13 U	NS	NS	NS	12 U	130 U
Zinc	239 J	NS	11.2	NS	20.6	624 J	922 J	NS	NS

Notes:  
(a) Potential laboratory contaminant.  
(b) For potential lab contaminants: The detected value is J / B flagged and the result is less than the reporting limit; the sample is considered a non-detect.

mg/kg = milligrams per kilogram  
ug/kg = microgram per kilogram

**TABLE A-3**  
**Data Summary Table for Sediment**

Sample Locaton: Sample Date: Unit: Starting Depth (inches): Ending Depth (inches):	KPT92-7 7/23/1997 ug/kg	KRT12-8 1/7/2009 mg/kg	KRT12-8 1/7/2009 mg/kg	KRT12-8 1/7/2009 mg/kg	KRT4-2 1/7/2009 mg/kg	KRT4-2 1/7/2009 mg/kg	KRT4-2 1/7/2009 mg/kg	KRT4-2 1/7/2009 mg/kg	KRT5-3 1/7/2009 mg/kg
	36	12	24	36	12	24	36	48	12
	48	24	36	39	24	36	48	60	24
1,1,1-Trichloroethane	26 U	0.0093 U	0.0093 U	0.016 U	0.015 U	0.0058 U	0.0053 U	0.0052 U	0.0086 U
1,1,2,2-Tetrachloroethane	26 U	0.0093 U	0.0093 U	0.016 U	0.015 U	0.0058 U	0.0053 U	0.0052 U	0.0086 U
1,1,2-Trichloroethane	26 U	0.0093 U	0.0093 U	0.016 U	0.015 U	0.0058 U	0.0053 U	0.0052 U	0.0086 U
1,1-Dichloroethane	26 U	0.0093 U	0.0093 U	0.016 U	0.015 U	0.0058 U	0.0053 U	0.0052 U	0.0086 U
1,1-Dichloroethene	26 U	0.0093 U	0.0093 U	0.016 U	0.015 U	0.0058 U	0.0053 U	0.0052 U	0.0086 U
1,2,3,4,6,7,8-HpCDD	NS	NS	NS	NS	NS	NS	NS	NS	NS
1,2,3,4,6,7,8-HpCDF	NS	NS	NS	NS	NS	NS	NS	NS	NS
1,2,3,4,7,8,9-HpCDF	NS	NS	NS	NS	NS	NS	NS	NS	NS
1,2,3,4,7,8-HxCDD	NS	NS	NS	NS	NS	NS	NS	NS	NS
1,2,3,4,7,8-HxCDF	NS	NS	NS	NS	NS	NS	NS	NS	NS
1,2,3,6,7,8-HxCDD	NS	NS	NS	NS	NS	NS	NS	NS	NS
1,2,3,6,7,8-HxCDF	NS	NS	NS	NS	NS	NS	NS	NS	NS
1,2,3,7,8,9-HxCDD	NS	NS	NS	NS	NS	NS	NS	NS	NS
1,2,3,7,8,9-HxCDF	NS	NS	NS	NS	NS	NS	NS	NS	NS
1,2,3,7,8-PeCDD	NS	NS	NS	NS	NS	NS	NS	NS	NS
1,2,3,7,8-PeCDF	NS	NS	NS	NS	NS	NS	NS	NS	NS
1,2,3-Trichlorobenzene	NS	0.999 R	0.999 R	0.999 R	0.999 R	0.999 R	0.999 R	0.0052 U	0.0086 U
1,2,4,5-Tetrachlorobenzene	NS	0.33 U	0.33 UJ	0.83 UJ	0.83 U	0.23 UJ	0.21 U	0.19 U	0.32 UJ
1,2,4-Trichlorobenzene	2900 U	0.999 R	0.999 R	0.999 R	0.999 R	0.999 R	0.999 R	0.0052 U	0.0086 U
1,2-Dibromo-3-Chloropropane	NS	0.999 R	0.999 R	0.999 R	0.999 R	0.999 R	0.999 R	0.0052 U	0.0086 U
1,2-Dibromoethane (Ethylene dibromide)	NS	0.0093 U	0.0093 U	0.016 U	0.015 U	0.0058 U	0.0053 U	0.0052 U	0.0086 U
1,2-Dichlorobenzene	2900 U	0.999 R	0.999 R	0.999 R	0.999 R	0.999 R	0.999 R	0.0052 U	0.0086 U
1,2-Dichloroethane	26 U	0.0093 U	0.0093 U	0.016 U	0.015 U	0.0058 U	0.0053 U	0.0052 U	0.0086 U
1,2-Dichloroethene (Total)	26 U	NS	NS	NS	NS	NS	NS	NS	NS
1,2-Dichloropropane	26 U	0.0093 U	0.0093 U	0.016 U	0.015 U	0.0058 U	0.0053 U	0.0052 U	0.0086 U
1,3-Dichlorobenzene	2900 U	0.999 R	0.999 R	0.999 R	0.999 R	0.999 R	0.999 R	0.0052 U	0.0086 U
1,4-Dichlorobenzene	2900 U	0.999 R	0.999 R	0.999 R	0.999 R	0.999 R	0.999 R	0.0052 U	0.0086 U
1,4-Dioxane (p-Dioxane)	NS	0.999 R	0.999 R	0.999 R	0.999 R	0.999 R	0.999 R	0.999 R	0.999 R
2,2'-Oxybis(1-Chloropropane)	NS	NS	NS	NS	NS	NS	NS	NS	NS
2,3,4,6,7,8-HxCDF	NS	NS	NS	NS	NS	NS	NS	NS	NS
2,3,4,6-Tetrachlorophenol	NS	0.33 U	0.33 UJ	0.83 UJ	0.83 U	0.23 UJ	0.21 U	0.19 U	0.32 UJ
2,3,4,7,8-PeCDF	NS	NS	NS	NS	NS	NS	NS	NS	NS
2,3,7,8-TCDD	NS	NS	NS	NS	NS	NS	NS	NS	NS
2,3,7,8-TCDF	NS	NS	NS	NS	NS	NS	NS	NS	NS
2,4,5-Trichlorophenol	7300 U	0.33 U	0.33 UJ	0.83 UJ	0.83 U	0.23 UJ	0.21 U	0.19 U	0.32 UJ
2,4,6-Trichlorophenol	2900 U	0.33 U	0.33 UJ	0.83 UJ	0.83 U	0.23 UJ	0.21 U	0.19 U	0.32 UJ
2,4-Dichlorophenol	2900 U	0.33 U	0.33 U	0.83 U	0.83 U	0.23 U	0.21 U	0.19 U	0.32 U
2,4-Dimethylphenol	2900 U	0.33 U	0.33 U	0.83 U	0.8 J	0.23 U	0.21 U	0.19 U	0.32 U
2,4-Dinitrophenol	7300 U	0.65 U	0.65 UJ	1.6 UJ	1.6 U	0.45 UJ	0.41 U	0.37 U	0.62 UJ
2,4-Dinitrotoluene	2900 U	0.33 U	0.33 UJ	0.83 UJ	0.83 U	0.23 UJ	0.21 U	0.19 U	0.32 UJ
2,6-Dinitrotoluene	2900 U	0.33 U	0.33 UJ	0.83 UJ	0.83 U	0.23 UJ	0.21 U	0.19 U	0.32 UJ
2-Butanone (Methyl ethyl ketone) (a)	660 DJ	0.075	0.087 J	0.16 J	0.095 J	0.022	0.024 J	0.012	0.047
2-Chloronaphthalene	2900 U	0.33 U	0.33 UJ	0.83 UJ	0.83 U	0.23 UJ	0.21 U	0.19 U	0.32 UJ
2-Chlorophenol	2900 U	0.33 U	0.33 U	0.83 U	0.83 U	0.23 U	0.21 U	0.19 U	0.32 U
2-Hexanone	26 U	0.019 U	0.019 U	0.033 U	0.031 U	0.012 U	0.011 U	0.01 U	0.017 U
2-Methylnaphthalene	180 J	0.07 J	0.1 J	0.83 U	0.15 J	0.041 J	0.16 J	0.15 J	0.14 J
2-Methylphenol (o-Cresol)	2900 U	0.33 U	0.33 U	0.83 U	0.83 U	0.23 U	0.21 U	0.19 U	0.033 J
2-Nitroaniline	7300 U	0.65 U	0.65 UJ	1.6 UJ	1.6 U	0.45 UJ	0.41 U	0.37 U	0.62 UJ
2-Nitrophenol	2900 U	0.33 U	0.33 U	0.83 U	0.83 U	0.23 U	0.21 U	0.19 U	0.32 U
3,3'-Dichlorobenzidine	2900 U	0.33 U	0.33 U	0.83 U	0.83 U	0.23 U	0.21 UJ	0.19 UJ	0.32 U

TABLE A-3  
Data Summary Table for Sediment

Sample Locaton: Sample Date: Unit: Starting Depth (inches): Ending Depth (inches):	KPT92-7 7/23/1997 ug/kg	KRT12-8 1/7/2009 mg/kg	KRT12-8 1/7/2009 mg/kg	KRT12-8 1/7/2009 mg/kg	KRT4-2 1/7/2009 mg/kg	KRT4-2 1/7/2009 mg/kg	KRT4-2 1/7/2009 mg/kg	KRT4-2 1/7/2009 mg/kg	KRT5-3 1/7/2009 mg/kg
	36	12	24	36	12	24	36	48	12
	48	24	36	39	24	36	48	60	24
3+4-Methylphenol (m,p-Cresol)	NS	NS	NS	NS	NS	NS	NS	NS	NS
3-Nitroaniline	7300 U	0.65 U	0.65 UJ	1.6 UJ	1.6 U	0.45 UJ	0.41 U	0.37 U	0.62 UJ
4,4'-DDD	8.7 U	0.0065 U	0.0065 U	0.008 U	0.19 D	0.0045 U	0.0041 U	0.0037 U	0.022
4,4'-DDE	8.7 U	0.0065 U	0.0065 U	0.008 U	0.087 J	0.0045 U	0.0041 U	0.0037 U	0.026
4,4'-DDT	5.5 J	0.0065 U	0.0065 U	0.008 U	0.13 J	0.004 J	0.0041 U	0.0064 JN	0.018 J
4,6-Dinitro-2-Methylphenol	7300 U	0.65 UJ	0.65 UJ	1.6 UJ	1.6 UJ	0.45 UJ	0.41 U	0.37 U	0.62 UJ
4-Bromophenyl phenyl ether	2900 U	0.33 UJ	0.33 UJ	0.83 UJ	0.83 UJ	0.23 UJ	0.21 U	0.19 U	0.32 UJ
4-Chloro-3-Methylphenol	2900 U	0.33 U	0.33 UJ	0.83 U	0.83 UJ	0.23 U	0.21 U	0.19 U	0.32 UJ
4-Chloroaniline	2900 U	0.33 U	0.33 U	0.83 U	0.83 U	0.23 U	0.21 U	0.19 U	0.32 U
4-Chlorophenyl phenyl ether	2900 U	0.33 U	0.33 U	0.83 UJ	0.83 U	0.23 UJ	0.21 U	0.19 U	0.32 U
4-Methylphenol (p-Cresol)	3200	0.038 J	0.062 J	0.1 J	0.12 J	0.23 U	0.023 J	0.02 J	0.087 J
4-Nitroaniline	7300 U	0.65 U	0.65 UJ	1.6 UJ	1.6 U	0.45 UJ	0.41 U	0.37 U	0.62 UJ
4-Nitrophenol	7300 U	0.65 U	0.65 UJ	1.6 UJ	1.6 U	0.45 UJ	0.41 U	0.37 U	0.62 UJ
Acenaphthene	2900 U	0.11 J	0.4 J	0.33 J	0.16 J	0.094 J	0.28	0.25	0.49 J
Acenaphthylene	180 J	0.17 J	0.46 J	0.45 J	0.83 U	0.23 UJ	0.047 J	0.041 J	0.11 J
Acetone (a)	2000 DJ	0.23	0.22 J	0.42 J	0.28 J	0.032	0.052	0.017	0.12
Acetophenone	NS	0.33 U	0.33 U	0.83 U	0.83 U	0.23 U	0.21 U	0.19 U	0.32 U
Aldrin	4.5 U	0.0033 U	0.0033 U	0.0041 U	0.0041 U	0.0023 U	0.0021 U	0.0019 U	0.0032 U
alpha-BHC	4.5 U	0.0033 U	0.0033 U	0.0041 U	0.0072	0.0017 J	0.0021 U	0.0019 U	0.0032 U
alpha-Chlordane	4.5 U	0.0033 U	0.0033 U	0.0041 U	0.02	0.0023 U	0.0021 U	0.0019 U	0.0084 J
Aluminum	NS	10300	9420	15800	10400	2950	2680	3200	2820
Anthracene	400 J	0.36 J	2.2 J	1.2 J	0.34 J	0.13 J	0.41	0.38	0.9 J
Antimony	NS	2.4 J	2.2 J	3.9 J	2.2 J	7.7 UJ	1.2 J	6.7 UJ	1.1 J
Arsenic	NS	11.8	12.1	20.6	19.6	4.2	3.9	3.8	7.3
Atrazine	NS	0.33 UJ	0.33 UJ	0.83 UJ	0.83 UJ	0.23 UJ	0.21 U	0.19 U	0.32 UJ
Barium	NS	403	552	652	763	170	41.3	33.1	63.8
Benzaldehyde	NS	0.15 J	0.2 J	0.29 J	0.83 U	0.23 U	0.21 U	0.19 U	0.18 J
Benzene	26 U	0.0093 U	0.0093 U	0.016 U	0.015 U	0.0058 U	0.002 J	0.0052 U	0.0086 U
Benzo(a)anthracene	1800 J	1 J	3.4	3.2 J	1 J	0.47	0.96 J	0.78 J	3.3
Benzo(a)pyrene	1500 J	1.2	3.5 D	3.4	0.91	0.5	0.85 J	0.87 J	3.6
Benzo(b)fluoranthene	2100 J	1.4	3.7 D	3.6	1.2	0.52	0.54 J	0.91 J	2.7 D
Benzo(g,h,i)perylene	1300 J	0.16 J	0.48 J	0.37 J	0.19 J	0.081 J	0.27 J	0.26 J	0.4 J
Benzo(k)fluoranthene	2900 UJ	1.1	3.2 D	3	0.76 J	0.42	1 J	0.73 J	4
Beryllium	NS	0.38 J	0.34 J	0.62 J	0.81 J	0.14 J	0.13 J	0.08 J	0.17 J
beta-BHC	4.5 U	0.0033 U	0.0033 U	0.0041 U	0.0041 RX	0.0026 JN	0.0021 U	0.0019 U	0.0032 RX
beta-Chlordane	4.5 U	0.0033 U	0.0033 U	0.0041 U	0.12 DJN	0.0023 U	0.0021 U	0.0019 U	0.0032 RX
bis(2-Chloroethoxy)methane	2900 U	0.33 U	0.33 U	0.83 U	0.83 U	0.23 U	0.21 U	0.19 U	0.32 U
bis(2-Chloroethyl)ether	2900 U	0.33 U	0.33 U	0.83 U	0.83 U	0.23 U	0.21 U	0.19 U	0.32 U
bis(2-Chloroisopropyl)ether	2900 U	0.33 U	0.33 U	0.83 U	0.83 U	0.23 U	0.21 U	0.19 U	0.32 U
bis(2-Ethylhexyl)phthalate (a)	2900 U	0.33 U	0.33 U	0.83 U	0.95 J	0.23 UJ	0.21 UBJ	0.19 UBJ	1.4
Bromodichloromethane (Dichlorobromomethane)	26 U	0.0093 U	0.0093 U	0.016 U	0.015 U	0.0058 U	0.0053 U	0.0052 U	0.0086 U
Bromoform (Tribromomethane)	26 U	0.999 R	0.999 R	0.999 R	0.999 R	0.999 R	0.999 R	0.0052 U	0.0086 U
Bromomethane (Methyl bromide)	26 U	0.0093 U	0.0093 U	0.016 U	0.015 U	0.0058 U	0.0053 U	0.0052 U	0.0086 U
Butyl benzyl phthalate (a)	2900 U	0.33 U	0.33 U	0.83 U	0.83 UJ	0.23 U	0.21 UJ	0.19 UJ	0.32 UB
Cadmium	NS	3.9	3.2	5.6	8.3	7.9	1.7	0.45 J	0.86
Calcium	NS	42300	43700	42500	24000	73900	44000	37900	18800
Caprolactam	NS	0.33 U	0.33 U	0.83 U	0.83 U	0.23 U	0.21 U	0.19 U	0.32 U
Carbazole	2900 U	0.088 J	0.18 J	0.83 UJ	0.16 J	0.072 J	0.26	0.25	0.54 J
Carbon disulfide (a)	9 J	0.0093 U	0.0093 U	0.016 U	0.013 J (b)	0.005 J (b)	0.0082	0.006	0.0086 U
Carbon tetrachloride	26 U	0.0093 U	0.0093 U	0.016 U	0.015 U	0.0058 U	0.0053 U	0.0052 U	0.0086 U
Chlordane (technical)	NS	NS	NS	NS	NS	NS	NS	NS	NS



TABLE A-3  
Data Summary Table for Sediment

Sample Locaton: Sample Date: Unit: Starting Depth (inches): Ending Depth (inches):	KPT92-7 7/23/1997 ug/kg	KRT12-8 1/7/2009 mg/kg	KRT12-8 1/7/2009 mg/kg	KRT12-8 1/7/2009 mg/kg	KRT4-2 1/7/2009 mg/kg	KRT4-2 1/7/2009 mg/kg	KRT4-2 1/7/2009 mg/kg	KRT4-2 1/7/2009 mg/kg	KRT5-3 1/7/2009 mg/kg
	36	12	24	36	12	24	36	48	12
	48	24	36	39	24	36	48	60	24
Chlorobenzene	4 J	0.0093 U	0.0093 U	0.016 U	0.015 U	0.0058 U	0.0053 U	0.0052 U	0.0086 U
Chlorobromomethane (Bromochloromethane)	NS	0.0093 U	0.0093 U	0.016 U	0.015 U	0.0058 U	0.0053 U	0.0052 U	0.0086 U
Chlorodibromomethane (Dibromochloromethane)	26 U	0.0093 U	0.0093 U	0.016 U	0.015 U	0.0058 U	0.0053 U	0.0052 U	0.0086 U
Chloroethane	26 U	0.0093 U	0.0093 U	0.016 U	0.015 U	0.0058 U	0.0053 U	0.0052 U	0.0086 U
Chloroform	26 U	0.021 UB	0.02 UB	0.031 UB	0.02 UBJ	0.0058 UB	0.0053 UBJ	0.0052 UBJ	0.018 UB
Chloromethane (Methyl chloride)	26 U	0.0093 U	0.0093 U	0.016 U	0.015 U	0.0058 U	0.0053 U	0.0052 U	0.0086 U
Chromium	NS	73.1 J	66.1 J	112 J	269	36.6	25	33.3	32.9 J
Chrysene	1900 J	1.3 J	3.7	4.3 J	1.5 J	0.69 J	1.3 J	1 J	4.2
cis-1,2-Dichloroethene	NS	0.0093 U	0.0093 U	0.016 U	0.015 U	0.0058 U	0.0053 U	0.0052 U	0.0086 U
cis-1,3-Dichloropropene	26 U	0.0093 U	0.0093 U	0.016 U	0.015 U	0.0058 U	0.0053 U	0.0052 U	0.0086 U
Cobalt	NS	7.8 J	6 J	7.8 J	48.3 J	4.1 J	3.2 J	2.2 J	4.2 J
Copper	NS	204	214	381	404	82.8	34.3	16	41
Cyanide	NS	NS	NS	NS	NS	NS	NS	NS	NS
Cyclohexane	NS	0.0093 U	0.0093 U	0.016 U	0.015 U	0.0058 U	0.0053 U	0.0052 U	0.0086 U
delta-BHC	4.5 U	0.0033 U	0.0033 U	0.0041 U	0.2 D	0.0023 U	0.0021 U	0.0019 U	0.089 DJ
Dibenzo(a,h)anthracene	410 J	0.063 J	0.16 J	0.14 J	0.83 UJ	0.027 J	0.12 J	0.12 J	0.16 J
Dibenzofuran	2900 U	0.051 J	0.13 J	0.83 UJ	0.094 J	0.048 J	0.21 J	0.21	0.39 J
Dichlorodifluoromethane	NS	0.0093 U	0.0093 U	0.016 U	0.015 U	0.0058 U	0.0053 U	0.0052 U	0.0086 U
Dieldrin	8.7 U	0.0065 U	0.0065 U	0.008 U	0.035 JN	0.0045 U	0.0041 U	0.0037 U	0.0062 U
Diethyl phthalate	2900 U	0.33 U	0.33 UJ	0.83 UJ	0.83 U	0.23 UJ	0.21 U	0.19 U	0.32 UJ
Dimethyl phthalate	2900 U	0.33 U	0.33 UJ	0.83 UJ	0.83 U	0.23 UJ	0.21 U	0.19 U	0.32 UJ
Di-n-butyl phthalate (a)	2900 U	0.33 UJ	0.33 UJ	0.83 UJ	0.83 UJ	0.23 U	0.21 U	0.19 U	0.063 J (b)
Di-n-octyl phthalate (a)	2900 UJ	0.33 U	0.33 UJ	0.83 U	0.83 U	0.23 UJ	0.21 UJ	0.19 UJ	0.32 U
Endosulfan I	4.5 U	0.0033 U	0.0033 U	0.0041 U	0.027 JN	0.0023 U	0.0021 U	0.0019 U	0.0056 JN
Endosulfan II	8.7 U	0.0065 U	0.0065 U	0.008 U	0.008 RX	0.0045 U	0.0041 U	0.0037 U	0.0062 U
Endosulfan sulfate	8.8	0.0065 U	0.0065 U	0.008 U	0.0041 J	0.0045 U	0.0041 U	0.0037 U	0.0045 J
Endrin	8.7 U	0.0065 U	0.0065 U	0.008 U	0.034 J	0.0045 U	0.0041 U	0.0037 U	0.0062 U
Endrin aldehyde	11	0.0065 U	0.0065 U	0.008 U	0.008 RX	0.0045 U	0.0041 U	0.0037 U	0.0062 U
Endrin ketone	8.7 U	0.0065 U	0.0065 U	0.008 U	0.028 J	0.0089	0.0041 U	0.0034 J	0.011 J
Ethylbenzene	26 U	0.0093 U	0.0093 U	0.016 U	0.015 U	0.0058 U	0.0053 U	0.0052 U	0.0086 U
Fluoranthene	2300 J	2.2 J	7.7 DJ	7.4 J	2.7 J	1.4	2.4	2.2	7.8 D
Fluorene	2900 U	0.16 J	0.7 J	0.32 J	0.19 J	0.079 J	0.29	0.25	0.75 J
Freon-113 (1,1,2-trichloro-1,2,2-trifluoroethane)	NS	0.0093 U	0.0093 U	0.016 U	0.015 U	0.0058 U	0.0053 U	0.0052 U	0.0086 U
gamma-BHC (Lindane)	4.5 U	0.0033 U	0.0033 U	0.0041 U	0.0041 RX	0.0023 U	0.0021 U	0.0019 U	0.026 JN
gamma-Chlordane	NS	NS	NS	NS	NS	NS	NS	NS	NS
Heptachlor	4.5 U	0.0033 U	0.0033 U	0.0041 U	0.044 JN	0.0025	0.0021 U	0.0019 U	0.021 J
Heptachlor Epoxide	2.5 JN	0.0033 U	0.0033 U	0.0041 U	0.0041 RX	0.0023 U	0.0021 U	0.0019 U	0.0032 RX
Hexachlorobenzene	2900 U	0.33 UJ	0.33 UJ	0.83 UJ	0.83 UJ	0.23 UJ	0.21 U	0.19 U	0.32 UJ
Hexachlorobutadiene	2900 U	0.33 U	0.33 U	0.83 U	0.83 U	0.23 U	0.21 U	0.19 U	0.32 U
Hexachlorocyclopentadiene	2900 UJ	0.33 UJ	0.33 UJ	0.83 UJ	0.83 UJ	0.23 UJ	0.21 UJ	0.19 UJ	0.32 UJ
Hexachloroethane	2900 U	0.33 U	0.33 U	0.83 U	0.83 U	0.23 U	0.21 U	0.19 U	0.32 U
Indeno(1,2,3-cd)pyrene	830 J	0.15 J	0.43 J	0.36 J	0.15 J	0.079 J	0.27 J	0.27 J	0.45 J
Iron	NS	15200	14900	23600	15000	6220	7060	5940	9000
Isophorone	2900 U	0.33 U	0.33 U	0.83 U	0.83 U	0.23 U	0.21 U	0.19 U	0.32 U
Isopropylbenzene (Cumene)	NS	0.0093 U	0.0093 U	0.016 U	0.015 U	0.0058 U	0.0053 U	0.0052 U	0.0086 U
Lead	NS	531	439	745	1040 J	290 J	142 J	292 J	156
m+p-Xylenes	NS	0.0093 U	0.0093 U	0.016 U	0.015 U	0.0058 U	0.0053 U	0.0052 U	0.0086 U
Magnesium	NS	8560	5540	7020	4080	10900	9470	6230	3360
Manganese	NS	321	317	437	190	146	156	124	269
Mercury	NS	2.5	2.3	6.3	5.2	0.81	0.21	0.11	0.41
Methoxychlor	36 J	0.033 U	0.033 U	0.041 U	0.041 U	0.023 U	0.021 U	0.019 U	0.032 U

TABLE A-3  
Data Summary Table for Sediment

Sample Locaton: Sample Date: Unit: Starting Depth (inches): Ending Depth (inches):	KPT92-7 7/23/1997 ug/kg	KRT12-8 1/7/2009 mg/kg	KRT12-8 1/7/2009 mg/kg	KRT12-8 1/7/2009 mg/kg	KRT4-2 1/7/2009 mg/kg	KRT4-2 1/7/2009 mg/kg	KRT4-2 1/7/2009 mg/kg	KRT4-2 1/7/2009 mg/kg	KRT5-3 1/7/2009 mg/kg
	36	12	24	36	12	24	36	48	12
	48	24	36	39	24	36	48	60	24
Methyl acetate	NS	0.0093 U	0.0093 U	0.016 U	0.015 U	0.0058 U	0.0053 U	0.0052 U	0.0086 U
Methyl isobutyl ketone (4-Methyl-2-pentanone)	26 U	0.019 U	0.019 U	0.033 U	0.031 U	0.012 U	0.011 U	0.01 U	0.017 U
Methyl tertiary butyl ether (MTBE)	NS	0.0093 U	0.0093 U	0.016 U	0.015 U	0.0058 U	0.0053 U	0.0052 U	0.0086 U
Methylcyclohexane	NS	0.0093 U	0.0093 U	0.016 U	0.015 U	0.0058 U	0.0053 U	0.0052 U	0.0086 U
Methylene chloride (Dichloromethane) (a)	270	0.0093 U	0.0093 U	0.016 U	0.015 U	0.0058 U	0.0053 U	0.0052 U	0.0086 U
Naphthalene	140 J	0.13 J	0.18 J	0.18 J	0.15 J	0.08 J	0.49	0.45	0.41
Nickel	NS	19.4	18.6	26.4	115	18.2	14.2	8.3	12.8
Nitrobenzene	2900 U	0.33 U	0.33 U	0.83 U	0.83 U	0.23 U	0.21 U	0.19 U	0.32 U
N-Nitrosodi-n-propylamine	2900 U	0.33 U	0.33 U	0.83 U	0.83 UJ	0.23 U	0.21 U	0.19 U	0.32 U
N-Nitrosodiphenylamine	2900 U	0.33 UJ	0.33 UJ	0.83 U	0.83 UJ	0.23 UJ	0.21 U	0.19 U	0.32 UJ
OCDD	NS	NS	NS	NS	NS	NS	NS	NS	NS
OCDF	NS	NS	NS	NS	NS	NS	NS	NS	NS
o-Xylene	NS	0.0093 U	0.0093 U	0.016 U	0.015 U	0.0058 U	0.0053 U	0.0052 U	0.0086 U
Pentachlorophenol	7300 U	0.65 UJ	0.65 UJ	1.6 UJ	1.6 UJ	0.45 UJ	0.41 UJ	0.37 UJ	0.62 UJ
Phenanthrene	1400 J	0.99 J	5.1 DJ	3.7 J	1.4 J	0.75 J	3	2.5	5.2 D
Phenol	2900 U	0.33 U	0.33 U	0.83 U	0.83 UJ	0.23 U	0.21 U	0.19 U	0.094 J
Potassium	NS	670 J	573 J	1170	421 J	193 J	222 J	159 J	195 J
Pyrene	4400	1.3 J	4.8 D	4.9 J	1.6 J	0.77	2 J	2 J	6.3 D
Selenium	NS	1 J	1.1 J	1.5 J	1.9 J	0.54 J	4.1 U	3.9 U	4.7 U
Silver	NS	2.6 J	2.7 J	5.5 J	10.7	1.1 J	0.4 J	1.1 U	0.24 J
Sodium	NS	165 J	155 J	195 J	394 J	135 J	146 J	199 J	98 J
Styrene	26 U	0.0093 U	0.0093 U	0.016 U	0.015 U	0.0058 U	0.0053 U	0.0052 U	0.0086 U
Tetrachloroethene (PCE)	26 U	0.0093 U	0.0093 U	0.016 U	0.015 U	0.0058 U	0.0053 U	0.0052 U	0.0086 U
Thallium	NS	4.8 U	4.8 U	5.7 U	5.9 U	3.2 U	2.9 U	2.8 U	3.4 U
Toluene (a)	8 J	0.0057 J (b)	0.0036 J (b)	0.016 U	0.009 J (b)	0.0027 J (b)	0.004 J (b)	0.0021 J (b)	0.0054 J (b)
Toxaphene	450 U	0.33 U	0.33 U	0.41 U	0.41 U	0.23 U	0.21 U	0.19 U	0.32 U
trans-1,2-Dichloroethene	NS	0.0093 U	0.0093 U	0.016 U	0.015 U	0.0058 U	0.0053 U	0.0052 U	0.0086 U
trans-1,3-Dichloropropene	26 U	0.0093 U	0.0093 U	0.016 U	0.015 U	0.0058 U	0.0053 U	0.0052 U	0.0086 U
Trichloroethene (TCE)	11 J	0.0093 U	0.0093 U	0.016 U	0.015 U	0.0058 U	0.0053 U	0.0052 U	0.0086 U
Trichlorofluoromethane	NS	0.0093 U	0.0093 U	0.016 U	0.015 U	0.0058 U	0.0053 U	0.0052 U	0.0086 U
Vanadium	NS	18.6	15.3	24.4	20.5	7.4	7.8	7.6	6.9
Vinyl Chloride	26 U	0.0093 U	0.0093 U	0.016 U	0.015 U	0.0058 U	0.0053 U	0.0052 U	0.0086 U
Xylenes, Total	26 U	NS	NS	NS	NS	NS	NS	NS	NS
Zinc	NS	441	425	667	775	158	86.8	56.4	146

Notes:  
(a) Potential laboratory contaminant.  
(b) For potential lab contaminants: The detected value is J / B flagged and the result is less than the reporting limit; the sample is considered a non-detect.

mg/kg = milligrams per kilogram  
ug/kg = microgram per kilogram

**TABLE A-3**  
**Data Summary Table for Sediment**

Sample Locaton: Sample Date: Unit: Starting Depth (inches): Ending Depth (inches):	KRT5-3 1/7/2009 mg/kg 24 36	KRT5-3 1/7/2009 mg/kg 36 39	OCIFP-003 10/18/2011 mg/kg 12 24	OCIFP-003 10/18/2011 mg/kg 24 39	OCIFP-003 10/18/2011 mg/kg 39 53	OCIFP-003 10/18/2011 mg/kg 53 66	OCISED-013 11/2/2011 mg/kg 12 23	OCISED-013 11/2/2011 mg/kg 23 31	OCISED-013 11/2/2011 mg/kg 31 38
1,1,1-Trichloroethane	0.999 R	0.0057 U	0.0058 U	0.0055 U	0.016 U	0.018 U	0.013 U	0.007 U	0.0061 U
1,1,2,2-Tetrachloroethane	0.999 R	0.0057 U	0.0058 U	0.0055 U	0.016 U	0.018 U	0.013 U	0.007 U	0.0061 U
1,1,2-Trichloroethane	0.999 R	0.0057 U	0.0058 U	0.0055 U	0.016 U	0.018 U	0.013 U	0.007 U	0.0061 U
1,1-Dichloroethane	0.014 UJ	0.0057 U	0.0058 U	0.0055 U	0.016 U	0.018 U	0.013 U	0.007 U	0.0061 U
1,1-Dichloroethene	0.014 U	0.0057 U	0.0058 U	0.0055 U	0.016 U	0.018 U	0.013 U	0.007 U	0.0061 U
1,2,3,4,6,7,8-HpCDD	NS	NS	NS	NS	NS	NS	NS	NS	NS
1,2,3,4,6,7,8-HpCDF	NS	NS	NS	NS	NS	NS	NS	NS	NS
1,2,3,4,7,8,9-HpCDF	NS	NS	NS	NS	NS	NS	NS	NS	NS
1,2,3,4,7,8-HxCDD	NS	NS	NS	NS	NS	NS	NS	NS	NS
1,2,3,4,7,8-HxCDF	NS	NS	NS	NS	NS	NS	NS	NS	NS
1,2,3,6,7,8-HxCDD	NS	NS	NS	NS	NS	NS	NS	NS	NS
1,2,3,6,7,8-HxCDF	NS	NS	NS	NS	NS	NS	NS	NS	NS
1,2,3,7,8,9-HxCDD	NS	NS	NS	NS	NS	NS	NS	NS	NS
1,2,3,7,8,9-HxCDF	NS	NS	NS	NS	NS	NS	NS	NS	NS
1,2,3,7,8-PeCDD	NS	NS	NS	NS	NS	NS	NS	NS	NS
1,2,3,7,8-PeCDF	NS	NS	NS	NS	NS	NS	NS	NS	NS
1,2,3-Trichlorobenzene	0.999 R	0.999 R	0.0058 U	0.0055 U	0.016 U	0.018 U	0.013 U	0.007 U	0.0061 U
1,2,4,5-Tetrachlorobenzene	0.77 UJ	0.21 U	NS	NS	NS	NS	NS	NS	NS
1,2,4-Trichlorobenzene	0.999 R	0.999 R	0.0058 U	0.0055 U	0.016 U	0.018 U	0.013 U	0.007 U	0.0061 U
1,2-Dibromo-3-Chloropropane	0.999 R	0.999 R	0.0058 U	0.0055 U	0.016 U	0.018 U	0.013 U	0.007 U	0.0061 U
1,2-Dibromoethane (Ethylene dibromide)	0.999 R	0.0057 U	0.0058 U	0.0055 U	0.016 U	0.018 U	0.013 U	0.007 U	0.0061 U
1,2-Dichlorobenzene	0.999 R	0.999 R	0.0058 U	0.0055 U	0.016 U	0.018 U	0.013 U	0.007 U	0.0061 U
1,2-Dichloroethane	0.014 U	0.0057 U	0.0058 U	0.0055 U	0.016 U	0.018 U	0.013 U	0.007 U	0.0061 U
1,2-Dichloroethene (Total)	NS	NS	NS	NS	NS	NS	NS	NS	NS
1,2-Dichloropropane	0.999 R	0.0057 U	0.0058 U	0.0055 U	0.016 U	0.018 U	0.013 U	0.007 U	0.0061 U
1,3-Dichlorobenzene	0.999 R	0.999 R	0.0058 U	0.0055 U	0.016 U	0.018 U	0.013 U	0.007 U	0.0061 U
1,4-Dichlorobenzene	0.999 R	0.999 R	0.0058 U	0.0055 U	0.016 U	0.018 U	0.013 U	0.007 U	0.0061 U
1,4-Dioxane (p-Dioxane)	0.999 R	0.999 R	NS	NS	NS	NS	NS	NS	NS
2,2'-Oxybis(1-Chloropropane)	NS	NS	NS	NS	NS	NS	NS	NS	NS
2,3,4,6,7,8-HxCDF	NS	NS	NS	NS	NS	NS	NS	NS	NS
2,3,4,6-Tetrachlorophenol	0.77 UJ	0.21 U	NS	NS	NS	NS	NS	NS	NS
2,3,4,7,8-PeCDF	NS	NS	NS	NS	NS	NS	NS	NS	NS
2,3,7,8-TCDD	NS	NS	NS	NS	NS	NS	NS	NS	NS
2,3,7,8-TCDF	NS	NS	NS	NS	NS	NS	NS	NS	NS
2,4,5-Trichlorophenol	0.77 UJ	0.21 U	NS	NS	NS	NS	NS	NS	NS
2,4,6-Trichlorophenol	0.77 UJ	0.21 U	NS	NS	NS	NS	NS	NS	NS
2,4-Dichlorophenol	0.77 U	0.21 U	NS	NS	NS	NS	NS	NS	NS
2,4-Dimethylphenol	0.77 U	0.21 U	NS	NS	NS	NS	NS	NS	NS
2,4-Dinitrophenol	1.5 UJ	0.41 U	NS	NS	NS	NS	NS	NS	NS
2,4-Dinitrotoluene	0.77 UJ	0.21 U	NS	NS	NS	NS	NS	NS	NS
2,6-Dinitrotoluene	0.77 UJ	0.21 U	NS	NS	NS	NS	NS	NS	NS
2-Butanone (Methyl ethyl ketone) (a)	0.13	0.028 J	0.009 J	0.0055 U	0.12 J	0.16 J	0.089	0.029	0.013
2-Chloronaphthalene	0.77 UJ	0.21 U	NS	NS	NS	NS	NS	NS	NS
2-Chlorophenol	0.77 U	0.21 U	NS	NS	NS	NS	NS	NS	NS
2-Hexanone	0.999 R	0.011 U	0.0058 U	0.0055 U	0.016 U	0.018 U	0.013 U	0.007 U	0.0061 U
2-Methylnaphthalene	0.21 J	0.03 J	NS	NS	NS	NS	NS	NS	NS
2-Methylphenol (o-Cresol)	0.1 J	0.024 J	NS	NS	NS	NS	NS	NS	NS
2-Nitroaniline	1.5 UJ	0.41 U	NS	NS	NS	NS	NS	NS	NS
2-Nitrophenol	0.77 U	0.21 U	NS	NS	NS	NS	NS	NS	NS
3,3'-Dichlorobenzidine	0.77 UJ	0.21 UJ	NS	NS	NS	NS	NS	NS	NS

TABLE A-3  
Data Summary Table for Sediment

Sample Locaton: Sample Date: Unit: Starting Depth (inches): Ending Depth (inches):	KRT5-3 1/7/2009 mg/kg 24 36	KRT5-3 1/7/2009 mg/kg 36 39	OCIFP-003 10/18/2011 mg/kg 12 24	OCIFP-003 10/18/2011 mg/kg 24 39	OCIFP-003 10/18/2011 mg/kg 39 53	OCIFP-003 10/18/2011 mg/kg 53 66	OCISED-013 11/2/2011 mg/kg 12 23	OCISED-013 11/2/2011 mg/kg 23 31	OCISED-013 11/2/2011 mg/kg 31 38
3+4-Methylphenol (m,p-Cresol)	NS	NS	NS	NS	NS	NS	NS	NS	NS
3-Nitroaniline	1.5 UJ	0.41 U	NS	NS	NS	NS	NS	NS	NS
4,4'-DDD	0.13 J	0.026 JN	NS	NS	NS	NS	NS	NS	NS
4,4'-DDE	0.12	0.025	NS	NS	NS	NS	NS	NS	NS
4,4'-DDT	3 DJ	0.028 JN	NS	NS	NS	NS	NS	NS	NS
4,6-Dinitro-2-Methylphenol	1.5 U	0.41 U	NS	NS	NS	NS	NS	NS	NS
4-Bromophenyl phenyl ether	0.77 U	0.21 U	NS	NS	NS	NS	NS	NS	NS
4-Chloro-3-Methylphenol	0.77 U	0.21 U	NS	NS	NS	NS	NS	NS	NS
4-Chloroaniline	0.77 U	0.21 U	NS	NS	NS	NS	NS	NS	NS
4-Chlorophenyl phenyl ether	0.77 UJ	0.21 U	NS	NS	NS	NS	NS	NS	NS
4-Methylphenol (p-Cresol)	0.77 U	0.21 U	NS	NS	NS	NS	NS	NS	NS
4-Nitroaniline	1.5 UJ	0.41 U	NS	NS	NS	NS	NS	NS	NS
4-Nitrophenol	1.5 UJ	0.41 U	NS	NS	NS	NS	NS	NS	NS
Acenaphthene	0.77 UJ	0.17 J	NS	NS	NS	NS	NS	NS	NS
Acenaphthylene	0.77 UJ	0.21 U	NS	NS	NS	NS	NS	NS	NS
Acetone (a)	0.31	0.069 J	0.038	0.027 J	0.46 J	0.55 J	0.27	0.098	0.042
Acetophenone	0.77 U	0.21 U	NS	NS	NS	NS	NS	NS	NS
Aldrin	0.012 U	0.0021 U	NS	NS	NS	NS	NS	NS	NS
alpha-BHC	0.0058 J	0.0021 U	NS	NS	NS	NS	NS	NS	NS
alpha-Chlordane	0.012 U	0.0055 JN	NS	NS	NS	NS	NS	NS	NS
Aluminum	12400	3610	NS	NS	NS	NS	NS	NS	NS
Anthracene	0.13 J	0.32	NS	NS	NS	NS	NS	NS	NS
Antimony	0.67 J	7.4 UJ	NS	NS	NS	NS	NS	NS	NS
Arsenic	13.7	5.3	NS	NS	NS	NS	NS	NS	NS
Atrazine	0.77 U	0.21 U	NS	NS	NS	NS	NS	NS	NS
Barium	180	36.4	NS	NS	NS	NS	NS	NS	NS
Benzaldehyde	0.77 U	0.21 U	NS	NS	NS	NS	NS	NS	NS
Benzene	0.0057 J	0.0057 U	0.0058 U	0.0055 U	0.016 U	0.018 U	0.013 U	0.007 U	0.0061 U
Benzo(a)anthracene	0.74 J	0.82 J	NS	NS	NS	NS	NS	NS	NS
Benzo(a)pyrene	0.78	0.79	NS	NS	NS	NS	NS	NS	NS
Benzo(b)fluoranthene	0.95	0.83	NS	NS	NS	NS	NS	NS	NS
Benzo(g,h,i)perylene	0.14 J	0.18 J	NS	NS	NS	NS	NS	NS	NS
Benzo(k)fluoranthene	0.62 J	0.39	NS	NS	NS	NS	NS	NS	NS
Beryllium	0.58 J	0.15 J	NS	NS	NS	NS	NS	NS	NS
beta-BHC	0.012 RX	0.0021 RX	NS	NS	NS	NS	NS	NS	NS
beta-Chlordane	0.12 J	0.0021 RX	NS	NS	NS	NS	NS	NS	NS
bis(2-Chloroethoxy)methane	0.77 U	0.21 U	NS	NS	NS	NS	NS	NS	NS
bis(2-Chloroethyl)ether	0.77 U	0.21 U	NS	NS	NS	NS	NS	NS	NS
bis(2-Chloroisopropyl)ether	0.77 U	0.21 U	NS	NS	NS	NS	NS	NS	NS
bis(2-Ethylhexyl)phthalate (a)	3.1 J	0.21 UBJ	NS	NS	NS	NS	NS	NS	NS
Bromodichloromethane (Dichlorobromomethane)	0.999 R	0.0057 U	0.0058 U	0.0055 U	0.016 U	0.018 U	0.013 U	0.007 U	0.0061 U
Bromoform (Tribromomethane)	0.999 R	0.999 R	0.0058 U	0.0055 U	0.016 U	0.018 U	0.013 U	0.007 U	0.0061 U
Bromomethane (Methyl bromide)	0.014 U	0.0057 U	0.0058 UJ	0.0055 UJ	0.016 UJ	0.018 UJ	0.013 UJ	0.007 UJ	0.0061 UJ
Butyl benzyl phthalate (a)	0.77 UJ	0.21 UJ	NS	NS	NS	NS	NS	NS	NS
Cadmium	3.3	0.56 J	NS	NS	NS	NS	NS	NS	NS
Calcium	13500	32300	NS	NS	NS	NS	NS	NS	NS
Caprolactam	0.77 U	0.21 U	NS	NS	NS	NS	NS	NS	NS
Carbazole	0.11 J	0.16 J	NS	NS	NS	NS	NS	NS	NS
Carbon disulfide (a)	0.013 J (b)	0.0026 J (b)	0.0058 U	0.0055 U	0.0068 J (b)	0.0093 J (b)	0.0075 J (b)	0.005 J (b)	0.0036 J (b)
Carbon tetrachloride	0.999 R	0.0057 U	0.0058 U	0.0055 U	0.016 U	0.018 U	0.013 U	0.007 U	0.0061 U
Chlordane (technical)	NS	NS	NS	NS	NS	NS	NS	NS	NS

TABLE A-3  
Data Summary Table for Sediment

Sample Locaton: Sample Date: Unit: Starting Depth (inches): Ending Depth (inches):	KRT5-3 1/7/2009 mg/kg 24 36	KRT5-3 1/7/2009 mg/kg 36 39	OCIFP-003 10/18/2011 mg/kg 12 24	OCIFP-003 10/18/2011 mg/kg 24 39	OCIFP-003 10/18/2011 mg/kg 39 53	OCIFP-003 10/18/2011 mg/kg 53 66	OCISED-013 11/2/2011 mg/kg 12 23	OCISED-013 11/2/2011 mg/kg 23 31	OCISED-013 11/2/2011 mg/kg 31 38
Chlorobenzene	0.999 R	0.0057 U	0.0058 U	0.0055 U	0.016 U	0.018 U	0.013 U	0.007 U	0.0061 U
Chlorobromomethane (Bromochloromethane)	0.014 UJ	0.0057 U	0.0058 U	0.0055 U	0.016 U	0.018 U	0.013 U	0.007 U	0.0061 U
Chlorodibromomethane (Dibromochloromethane)	0.999 R	0.0057 U	0.0058 U	0.0055 U	0.016 U	0.018 U	0.013 U	0.007 U	0.0061 U
Chloroethane	0.014 U	0.0057 U	0.0058 U	0.0055 U	0.016 U	0.018 U	0.013 U	0.007 U	0.0061 U
Chloroform	0.033 UBJ	0.011 UBJ	0.0058 U	0.0055 U	0.016 U	0.018 U	0.013 U	0.007 U	0.0061 U
Chloromethane (Methyl chloride)	0.014 U	0.0057 U	0.0058 U	0.0055 U	0.016 U	0.018 U	0.013 U	0.007 U	0.0061 U
Chromium	146	19.2	NS	NS	NS	NS	NS	NS	NS
Chrysene	1.1 J	0.98 J	NS	NS	NS	NS	NS	NS	NS
cis-1,2-Dichloroethene	0.014 U	0.0057 U	0.0058 U	0.0055 U	0.016 U	0.018 U	0.013 U	0.007 U	0.0061 U
cis-1,3-Dichloropropene	0.999 R	0.0057 U	0.0058 U	0.0055 U	0.016 U	0.018 U	0.013 U	0.007 U	0.0061 U
Cobalt	6.6 J	4.1 J	NS	NS	NS	NS	NS	NS	NS
Copper	189	23.4	NS	NS	NS	NS	NS	NS	NS
Cyanide	NS	NS	NS	NS	NS	NS	NS	NS	NS
Cyclohexane	0.999 R	0.0057 U	NS	NS	NS	NS	NS	NS	NS
delta-BHC	1.2 D	0.23 D	NS	NS	NS	NS	NS	NS	NS
Dibenzo(a,h)anthracene	0.77 UJ	0.089 J	NS	NS	NS	NS	NS	NS	NS
Dibenzofuran	0.77 UJ	0.076 J	NS	NS	NS	NS	NS	NS	NS
Dichlorodifluoromethane	0.014 U	0.0057 U	0.0058 U	0.0055 U	0.016 U	0.018 U	0.013 U	0.007 U	0.0061 U
Dieldrin	0.063 JN	0.013 JN	NS	NS	NS	NS	NS	NS	NS
Diethyl phthalate	0.77 UJ	0.21 U	NS	NS	NS	NS	NS	NS	NS
Dimethyl phthalate	0.77 UJ	0.21 U	NS	NS	NS	NS	NS	NS	NS
Di-n-butyl phthalate (a)	0.77 U	0.05 J (b)	NS	NS	NS	NS	NS	NS	NS
Di-n-octyl phthalate (a)	0.77 U	0.21 U	NS	NS	NS	NS	NS	NS	NS
Endosulfan I	0.044 J	0.0089 J	NS	NS	NS	NS	NS	NS	NS
Endosulfan II	0.022 U	0.0041 U	NS	NS	NS	NS	NS	NS	NS
Endosulfan sulfate	0.022 U	0.0041 U	NS	NS	NS	NS	NS	NS	NS
Endrin	0.036 J	0.011	NS	NS	NS	NS	NS	NS	NS
Endrin aldehyde	0.022 U	0.0041 U	NS	NS	NS	NS	NS	NS	NS
Endrin ketone	0.038 JN	0.009 J	NS	NS	NS	NS	NS	NS	NS
Ethylbenzene	0.999 R	0.0057 U	0.0058 U	0.0055 U	0.016 U	0.018 U	0.013 U	0.007 U	0.0061 U
Fluoranthene	1.3	2.5	NS	NS	NS	NS	NS	NS	NS
Fluorene	0.77 UJ	0.18 J	NS	NS	NS	NS	NS	NS	NS
Freon-113 (1,1,2-trichloro-1,2,2-trifluoroethane)	0.014 U	0.0057 U	0.0058 U	0.0055 U	0.016 U	0.018 U	0.013 U	0.007 U	0.0061 U
gamma-BHC (Lindane)	0.012 RX	0.0021 RX	NS	NS	NS	NS	NS	NS	NS
gamma-Chlordane	NS	NS	NS	NS	NS	NS	NS	NS	NS
Heptachlor	0.15 J	0.026	NS	NS	NS	NS	NS	NS	NS
Heptachlor Epoxide	0.012 RX	0.019 DJ	NS	NS	NS	NS	NS	NS	NS
Hexachlorobenzene	0.77 U	0.21 U	NS	NS	NS	NS	NS	NS	NS
Hexachlorobutadiene	0.77 U	0.21 U	NS	NS	NS	NS	NS	NS	NS
Hexachlorocyclopentadiene	0.77 UJ	0.21 UJ	NS	NS	NS	NS	NS	NS	NS
Hexachloroethane	0.77 U	0.21 U	NS	NS	NS	NS	NS	NS	NS
Indeno(1,2,3-cd)pyrene	0.15 J	0.2 J	NS	NS	NS	NS	NS	NS	NS
Iron	14200	14200	NS	NS	NS	NS	NS	NS	NS
Isophorone	0.77 U	0.21 U	NS	NS	NS	NS	NS	NS	NS
Isopropylbenzene (Cumene)	0.999 R	0.0057 U	0.0058 U	0.0055 U	0.016 U	0.018 U	0.013 U	0.007 U	0.0061 U
Lead	541 J	55.6 J	NS	NS	NS	NS	NS	NS	NS
m+p-Xylenes	0.0059 J	0.0057 U	NS	NS	NS	NS	NS	NS	NS
Magnesium	4030	6570	NS	NS	NS	NS	NS	NS	NS
Manganese	243	168	NS	NS	NS	NS	NS	NS	NS
Mercury	4	0.4	0.045	0.038	3	4.1	2.7	0.5	0.25
Methoxychlor	0.12 U	0.021 U	NS	NS	NS	NS	NS	NS	NS

TABLE A-3  
Data Summary Table for Sediment

Sample Locaton: Sample Date: Unit: Starting Depth (inches): Ending Depth (inches):	KRT5-3 1/7/2009 mg/kg 24 36	KRT5-3 1/7/2009 mg/kg 36 39	OCIFP-003 10/18/2011 mg/kg 12 24	OCIFP-003 10/18/2011 mg/kg 24 39	OCIFP-003 10/18/2011 mg/kg 39 53	OCIFP-003 10/18/2011 mg/kg 53 66	OCISED-013 11/2/2011 mg/kg 12 23	OCISED-013 11/2/2011 mg/kg 23 31	OCISED-013 11/2/2011 mg/kg 31 38
Methyl acetate	0.014 U	0.0057 U	NS	NS	NS	NS	NS	NS	NS
Methyl isobutyl ketone (4-Methyl-2-pentanone)	0.999 R	0.011 U	0.0058 U	0.0055 U	0.016 U	0.018 U	0.013 U	0.007 U	0.0061 U
Methyl tertiary butyl ether (MTBE)	0.014 U	0.0057 U	0.0058 U	0.0055 U	0.016 U	0.018 U	0.013 U	0.007 U	0.0061 U
Methylcyclohexane	0.999 R	0.0057 U	NS	NS	NS	NS	NS	NS	NS
Methylene chloride (Dichloromethane) (a)	0.014 U	0.0057 U	0.0058 UB	0.0055 UB	0.016 UB	0.018 UB	0.013 U	0.0022 J (b)	0.0061 U
Naphthalene	0.093 J	0.043 J	NS	NS	NS	NS	NS	NS	NS
Nickel	22.3	10.7	NS	NS	NS	NS	NS	NS	NS
Nitrobenzene	0.77 U	0.21 U	NS	NS	NS	NS	NS	NS	NS
N-Nitrosodi-n-propylamine	0.77 U	0.21 U	NS	NS	NS	NS	NS	NS	NS
N-Nitrosodiphenylamine	0.77 U	0.21 U	NS	NS	NS	NS	NS	NS	NS
OCDD	NS	NS	NS	NS	NS	NS	NS	NS	NS
OCDF	NS	NS	NS	NS	NS	NS	NS	NS	NS
o-Xylene	0.999 R	0.0057 U	NS	NS	NS	NS	NS	NS	NS
Pentachlorophenol	1.5 UJ	0.41 UJ	NS	NS	NS	NS	NS	NS	NS
Phenanthrene	0.88	1.7	NS	NS	NS	NS	NS	NS	NS
Phenol	0.078 J	0.21 U	NS	NS	NS	NS	NS	NS	NS
Potassium	446 J	298 J	NS	NS	NS	NS	NS	NS	NS
Pyrene	1.4 J	1.8 J	NS	NS	NS	NS	NS	NS	NS
Selenium	1.1 J	4.3 U	NS	NS	NS	NS	NS	NS	NS
Silver	2.9	1.8	NS	NS	NS	NS	NS	NS	NS
Sodium	203 J	89 J	NS	NS	NS	NS	NS	NS	NS
Styrene	0.999 R	0.0057 U	0.0058 U	0.0055 U	0.016 U	0.018 U	0.013 U	0.007 U	0.0061 U
Tetrachloroethene (PCE)	0.999 R	0.0057 U	0.0058 U	0.0055 U	0.016 U	0.018 U	0.013 U	0.007 U	0.0061 U
Thallium	5.2 U	3.1 U	NS	NS	NS	NS	NS	NS	NS
Toluene (a)	0.011 J (b)	0.0021 J (b)	0.0058 U	0.0055 U	0.016 U	0.018 U	0.013 UB	0.007 UB	0.0061 UB
Toxaphene	1.2 U	0.21 U	NS	NS	NS	NS	NS	NS	NS
trans-1,2-Dichloroethene	0.014 U	0.0057 U	0.0058 U	0.0055 U	0.016 U	0.018 U	0.013 U	0.007 U	0.0061 U
trans-1,3-Dichloropropene	0.999 R	0.0057 U	0.0058 U	0.0055 U	0.016 U	0.018 U	0.013 U	0.007 U	0.0061 U
Trichloroethene (TCE)	0.999 R	0.0057 U	0.0058 U	0.0055 U	0.016 U	0.018 U	0.013 U	0.007 U	0.0061 U
Trichlorofluoromethane	0.014 U	0.0057 U	0.0058 U	0.0055 U	0.016 U	0.018 U	0.013 U	0.007 U	0.0061 U
Vanadium	20.7	15.1	NS	NS	NS	NS	NS	NS	NS
Vinyl Chloride	0.014 U	0.0057 U	0.0058 U	0.0055 U	0.016 U	0.018 U	0.013 U	0.007 U	0.0061 U
Xylenes, Total	NS	NS	0.0058 U	0.0055 U	0.016 U	0.018 U	0.013 U	0.007 U	0.0061 U
Zinc	538	61.7	NS	NS	NS	NS	NS	NS	NS

Notes:  
(a) Potential laboratory contaminant.  
(b) For potential lab contaminants: The detected value is J / B flagged and the result is less than the reporting limit; the sample is considered a non-detect.

mg/kg = milligrams per kilogram  
ug/kg = microgram per kilogram

TABLE A-3  
Data Summary Table for Sediment

Sample Locaton: Sample Date: Unit: Starting Depth (inches): Ending Depth (inches):	OCISED-013 11/2/2011 mg/kg	OCISED-023 11/2/2011 mg/kg	OCISED-023 11/2/2011 mg/kg	OCISED-023 11/2/2011 pg/g	OCISED-033 11/3/2011 mg/kg	OCISED-033 11/3/2011 mg/kg	OCISED-033 11/3/2011 mg/kg	OCISED-043 11/3/2011 mg/kg	OCISED-053 11/3/2011 mg/kg
	38	12	27	12	13	26	39	12	12
	46	27	39	27	26	39	49	19	24
1,1,1-Trichloroethane	0.0091 U	0.059 U	0.011 U	NS	0.016 U	0.014 U	0.014 U	0.0072 U	0.015 U
1,1,2,2-Tetrachloroethane	0.0091 U	0.059 UJ	0.011 UJ	NS	0.016 UJ	0.014 U	0.014 U	0.0072 U	0.015 U
1,1,2-Trichloroethane	0.0091 U	0.059 UJ	0.011 U	NS	0.016 U	0.014 U	0.014 U	0.0072 U	0.015 U
1,1-Dichloroethane	0.0091 U	0.059 U	0.011 U	NS	0.016 U	0.014 U	0.014 U	0.0072 U	0.015 U
1,1-Dichloroethene	0.0091 U	0.059 U	0.011 U	NS	0.016 U	0.014 U	0.014 U	0.0072 U	0.015 U
1,2,3,4,6,7,8-HpCDD	NS	NS	NS	8.2 J	NS	NS	NS	NS	NS
1,2,3,4,6,7,8-HpCDF	NS	NS	NS	1.3 J	NS	NS	NS	NS	NS
1,2,3,4,7,8,9-HpCDF	NS	NS	NS	18 U	NS	NS	NS	NS	NS
1,2,3,4,7,8-HxCDD	NS	NS	NS	18 U	NS	NS	NS	NS	NS
1,2,3,4,7,8-HxCDF	NS	NS	NS	18 U	NS	NS	NS	NS	NS
1,2,3,6,7,8-HxCDD	NS	NS	NS	18 U	NS	NS	NS	NS	NS
1,2,3,6,7,8-HxCDF	NS	NS	NS	18 U	NS	NS	NS	NS	NS
1,2,3,7,8,9-HxCDD	NS	NS	NS	18 U	NS	NS	NS	NS	NS
1,2,3,7,8,9-HxCDF	NS	NS	NS	18 U	NS	NS	NS	NS	NS
1,2,3,7,8-PeCDD	NS	NS	NS	18 U	NS	NS	NS	NS	NS
1,2,3,7,8-PeCDF	NS	NS	NS	18 U	NS	NS	NS	NS	NS
1,2,3-Trichlorobenzene	0.0091 U	0.059 UJ	0.011 UJ	NS	0.016 UJ	0.014 U	0.014 U	0.0072 U	0.015 U
1,2,4,5-Tetrachlorobenzene	NS	2.4 U	NS	NS	NS	NS	NS	NS	NS
1,2,4-Trichlorobenzene	0.0091 U	0.059 UJ	0.011 UJ	NS	0.016 UJ	0.014 U	0.014 U	0.0072 U	0.015 U
1,2-Dibromo-3-Chloropropane	0.0091 U	0.059 UJ	0.011 UJ	NS	0.016 UJ	0.014 U	0.014 U	0.0072 U	0.015 U
1,2-Dibromoethane (Ethylene dibromide)	0.0091 U	0.059 UJ	0.011 U	NS	0.016 U	0.014 U	0.014 U	0.0072 U	0.015 U
1,2-Dichlorobenzene	0.0091 U	0.059 UJ	0.011 UJ	NS	0.016 UJ	0.014 U	0.014 U	0.0072 U	0.015 U
1,2-Dichloroethane	0.0091 U	0.059 U	0.011 U	NS	0.016 U	0.014 U	0.014 U	0.0072 U	0.015 U
1,2-Dichloroethene (Total)	NS	NS	NS	NS	NS	NS	NS	NS	NS
1,2-Dichloropropane	0.0091 U	0.059 U	0.011 U	NS	0.016 U	0.014 U	0.014 U	0.0072 U	0.015 U
1,3-Dichlorobenzene	0.0091 U	0.059 UJ	0.011 UJ	NS	0.016 UJ	0.014 U	0.014 U	0.0072 U	0.015 U
1,4-Dichlorobenzene	0.0091 U	0.059 UJ	0.011 UJ	NS	0.016 UJ	0.014 U	0.014 U	0.0072 U	0.015 U
1,4-Dioxane (p-Dioxane)	NS	NS	NS	NS	NS	NS	NS	NS	NS
2,2'-Oxybis(1-Chloropropane)	NS	NS	NS	NS	NS	NS	NS	NS	NS
2,3,4,6,7,8-HxCDF	NS	NS	NS	18 U	NS	NS	NS	NS	NS
2,3,4,6-Tetrachlorophenol	NS	NS	NS	NS	NS	NS	NS	NS	NS
2,3,4,7,8-PeCDF	NS	NS	NS	18 U	NS	NS	NS	NS	NS
2,3,7,8-TCDD	NS	NS	NS	3.6 U	NS	NS	NS	NS	NS
2,3,7,8-TCDF	NS	NS	NS	3.6 U	NS	NS	NS	NS	NS
2,4,5-Trichlorophenol	NS	6 U	NS	NS	NS	NS	NS	NS	NS
2,4,6-Trichlorophenol	NS	2.4 U	NS	NS	NS	NS	NS	NS	NS
2,4-Dichlorophenol	NS	2.4 U	NS	NS	NS	NS	NS	NS	NS
2,4-Dimethylphenol	NS	2.4 U	NS	NS	NS	NS	NS	NS	NS
2,4-Dinitrophenol	NS	6 U	NS	NS	NS	NS	NS	NS	NS
2,4-Dinitrotoluene	NS	2.4 U	NS	NS	NS	NS	NS	NS	NS
2,6-Dinitrotoluene	NS	2.4 U	NS	NS	NS	NS	NS	NS	NS
2-Butanone (Methyl ethyl ketone) (a)	0.038 J	0.56 J	0.059 J	NS	0.12	0.094	0.079 J	0.02 J	0.077
2-Chloronaphthalene	NS	2.4 U	NS	NS	NS	NS	NS	NS	NS
2-Chlorophenol	NS	2.4 U	NS	NS	NS	NS	NS	NS	NS
2-Hexanone	0.0091 U	0.059 UJ	0.011 U	NS	0.016 U	0.014 U	0.014 U	0.0072 U	0.015 U
2-Methylnaphthalene	NS	2.4 U	NS	NS	NS	NS	NS	NS	NS
2-Methylphenol (o-Cresol)	NS	2.4 U	NS	NS	NS	NS	NS	NS	NS
2-Nitroaniline	NS	6 U	NS	NS	NS	NS	NS	NS	NS
2-Nitrophenol	NS	2.4 U	NS	NS	NS	NS	NS	NS	NS
3,3'-Dichlorobenzidine	NS	2.4 U	NS	NS	NS	NS	NS	NS	NS

**TABLE A-3**  
**Data Summary Table for Sediment**

Sample Locaton: Sample Date: Unit: Starting Depth (inches): Ending Depth (inches):	OCISED-013 11/2/2011 mg/kg	OCISED-023 11/2/2011 mg/kg	OCISED-023 11/2/2011 mg/kg	OCISED-023 11/2/2011 pg/g	OCISED-033 11/3/2011 mg/kg	OCISED-033 11/3/2011 mg/kg	OCISED-033 11/3/2011 mg/kg	OCISED-043 11/3/2011 mg/kg	OCISED-053 11/3/2011 mg/kg
	38	12	27	12	13	26	39	12	12
	46	27	39	27	26	39	49	19	24
3+4-Methylphenol (m,p-Cresol)	NS	4.9 U	NS	NS	NS	NS	NS	NS	NS
3-Nitroaniline	NS	6 U	NS	NS	NS	NS	NS	NS	NS
4,4'-DDD	NS	0.024 U	NS	NS	NS	NS	NS	NS	NS
4,4'-DDE	NS	0.024 U	NS	NS	NS	NS	NS	NS	NS
4,4'-DDT	NS	0.024 U	NS	NS	NS	NS	NS	NS	NS
4,6-Dinitro-2-Methylphenol	NS	6 U	NS	NS	NS	NS	NS	NS	NS
4-Bromophenyl phenyl ether	NS	2.4 U	NS	NS	NS	NS	NS	NS	NS
4-Chloro-3-Methylphenol	NS	2.4 U	NS	NS	NS	NS	NS	NS	NS
4-Chloroaniline	NS	2.4 U	NS	NS	NS	NS	NS	NS	NS
4-Chlorophenyl phenyl ether	NS	2.4 U	NS	NS	NS	NS	NS	NS	NS
4-Methylphenol (p-Cresol)	NS	NS	NS	NS	NS	NS	NS	NS	NS
4-Nitroaniline	NS	6 U	NS	NS	NS	NS	NS	NS	NS
4-Nitrophenol	NS	6 U	NS	NS	NS	NS	NS	NS	NS
Acenaphthene	NS	2.4 U	NS	NS	NS	NS	NS	NS	NS
Acenaphthylene	NS	2.4 U	NS	NS	NS	NS	NS	NS	NS
Acetone (a)	0.12 J	1.8 J	0.22 J	NS	0.41	0.33	0.28 J	0.081 J	0.28
Acetophenone	NS	2.4 U	NS	NS	NS	NS	NS	NS	NS
Aldrin	NS	0.012 U	NS	NS	NS	NS	NS	NS	NS
alpha-BHC	NS	0.012 U	NS	NS	NS	NS	NS	NS	NS
alpha-Chlordane	NS	0.012 U	NS	NS	NS	NS	NS	NS	NS
Aluminum	NS	4240	NS	NS	NS	NS	NS	NS	NS
Anthracene	NS	2.4 U	NS	NS	NS	NS	NS	NS	NS
Antimony	NS	32.9 U	NS	NS	NS	NS	NS	NS	NS
Arsenic	NS	12.7	NS	NS	NS	NS	NS	NS	NS
Atrazine	NS	2.4 U	NS	NS	NS	NS	NS	NS	NS
Barium	NS	123 J	NS	NS	NS	NS	NS	NS	NS
Benzaldehyde	NS	0.4 J	NS	NS	NS	NS	NS	NS	NS
Benzene	0.0091 U	0.059 U	0.011 U	NS	0.016 U	0.014 U	0.014 U	0.0072 U	0.015 U
Benzo(a)anthracene	NS	2.4 U	NS	NS	NS	NS	NS	NS	NS
Benzo(a)pyrene	NS	2.4 U	NS	NS	NS	NS	NS	NS	NS
Benzo(b)fluoranthene	NS	2.4 U	NS	NS	NS	NS	NS	NS	NS
Benzo(g,h,i)perylene	NS	2.4 U	NS	NS	NS	NS	NS	NS	NS
Benzo(k)fluoranthene	NS	2.4 U	NS	NS	NS	NS	NS	NS	NS
Beryllium	NS	0.31 J	NS	NS	NS	NS	NS	NS	NS
beta-BHC	NS	0.012 U	NS	NS	NS	NS	NS	NS	NS
beta-Chlordane	NS	0.012 U	NS	NS	NS	NS	NS	NS	NS
bis(2-Chloroethoxy)methane	NS	2.4 U	NS	NS	NS	NS	NS	NS	NS
bis(2-Chloroethyl)ether	NS	2.4 U	NS	NS	NS	NS	NS	NS	NS
bis(2-Chloroisopropyl)ether	NS	2.4 U	NS	NS	NS	NS	NS	NS	NS
bis(2-Ethylhexyl)phthalate (a)	NS	2.4 U	NS	NS	NS	NS	NS	NS	NS
Bromodichloromethane (Dichlorobromomethane)	0.0091 U	0.059 U	0.011 U	NS	0.016 U	0.014 U	0.014 U	0.0072 U	0.015 U
Bromoform (Tribromomethane)	0.0091 U	0.059 UJ	0.011 U	NS	0.016 U	0.014 U	0.014 U	0.0072 U	0.015 U
Bromomethane (Methyl bromide)	0.0091 UJ	0.059 UJ	0.011 UJ	NS	0.016 UJ	0.014 UJ	0.014 UJ	0.0072 UJ	0.015 UJ
Butyl benzyl phthalate (a)	NS	2.4 U	NS	NS	NS	NS	NS	NS	NS
Cadmium	NS	0.68 J	NS	NS	NS	NS	NS	NS	NS
Calcium	NS	37000 J	NS	NS	NS	NS	NS	NS	NS
Caprolactam	NS	2.4 U	NS	NS	NS	NS	NS	NS	NS
Carbazole	NS	2.4 U	NS	NS	NS	NS	NS	NS	NS
Carbon disulfide (a)	0.0081 J (b)	0.012 J (b)	0.015 J	NS	0.0033 J (b)	0.0059 J (b)	0.0043 J (b)	0.0013 J (b)	0.0037 J (b)
Carbon tetrachloride	0.0091 U	0.059 U	0.011 U	NS	0.016 U	0.014 U	0.014 U	0.0072 U	0.015 U
Chlordane (technical)	NS	0.12 U	NS	NS	NS	NS	NS	NS	NS



TABLE A-3  
Data Summary Table for Sediment

Sample Locaton: Sample Date: Unit: Starting Depth (inches): Ending Depth (inches):	OCISED-013 11/2/2011	OCISED-023 11/2/2011	OCISED-023 11/2/2011	OCISED-023 11/2/2011	OCISED-033 11/3/2011	OCISED-033 11/3/2011	OCISED-033 11/3/2011	OCISED-043 11/3/2011	OCISED-053 11/3/2011
	mg/kg	mg/kg	mg/kg	pg/g	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
	38	12	27	12	13	26	39	12	12
	46	27	39	27	26	39	49	19	24
Chlorobenzene	0.0091 U	0.059 UJ	0.011 U	NS	0.016 U	0.014 U	0.014 U	0.0072 U	0.015 U
Chlorobromomethane (Bromochloromethane)	0.0091 U	0.059 U	0.011 U	NS	0.016 U	0.014 U	0.014 U	0.0072 U	0.015 U
Chlorodibromomethane (Dibromochloromethane)	0.0091 U	0.059 UJ	0.011 U	NS	0.016 U	0.014 U	0.014 U	0.0072 U	0.015 U
Chloroethane	0.0091 U	0.059 U	0.011 U	NS	0.016 U	0.014 U	0.014 U	0.0072 U	0.015 U
Chloroform	0.0091 U	0.059 U	0.011 U	NS	0.016 U	0.014 U	0.014 U	0.0072 U	0.015 U
Chloromethane (Methyl chloride)	0.0091 U	0.059 U	0.011 U	NS	0.016 U	0.014 U	0.014 U	0.0072 U	0.015 U
Chromium	NS	7.5 J	NS	NS	NS	NS	NS	NS	NS
Chrysene	NS	2.4 U	NS	NS	NS	NS	NS	NS	NS
cis-1,2-Dichloroethene	0.0091 U	0.059 U	0.011 U	NS	0.016 U	0.014 U	0.014 U	0.0072 U	0.015 U
cis-1,3-Dichloropropene	0.0091 U	0.059 U	0.011 U	NS	0.016 U	0.014 U	0.014 U	0.0072 U	0.015 U
Cobalt	NS	1.8 J	NS	NS	NS	NS	NS	NS	NS
Copper	NS	13.1 J	NS	NS	NS	NS	NS	NS	NS
Cyanide	NS	NS	NS	NS	NS	NS	NS	NS	NS
Cyclohexane	NS	NS	NS	NS	NS	NS	NS	NS	NS
delta-BHC	NS	0.012 U	NS	NS	NS	NS	NS	NS	NS
Dibenzo(a,h)anthracene	NS	2.4 U	NS	NS	NS	NS	NS	NS	NS
Dibenzofuran	NS	2.4 U	NS	NS	NS	NS	NS	NS	NS
Dichlorodifluoromethane	0.0091 U	0.059 U	0.011 U	NS	0.016 U	0.014 U	0.014 U	0.0072 U	0.015 U
Dieldrin	NS	0.024 U	NS	NS	NS	NS	NS	NS	NS
Diethyl phthalate	NS	2.4 U	NS	NS	NS	NS	NS	NS	NS
Dimethyl phthalate	NS	2.4 U	NS	NS	NS	NS	NS	NS	NS
Di-n-butyl phthalate (a)	NS	2.4 U	NS	NS	NS	NS	NS	NS	NS
Di-n-octyl phthalate (a)	NS	2.4 U	NS	NS	NS	NS	NS	NS	NS
Endosulfan I	NS	0.012 U	NS	NS	NS	NS	NS	NS	NS
Endosulfan II	NS	0.024 U	NS	NS	NS	NS	NS	NS	NS
Endosulfan sulfate	NS	0.024 U	NS	NS	NS	NS	NS	NS	NS
Endrin	NS	0.024 U	NS	NS	NS	NS	NS	NS	NS
Endrin aldehyde	NS	0.024 U	NS	NS	NS	NS	NS	NS	NS
Endrin ketone	NS	0.024 U	NS	NS	NS	NS	NS	NS	NS
Ethylbenzene	0.00027 J	0.059 UJ	0.011 U	NS	0.016 U	0.014 U	0.014 U	0.0072 U	0.015 U
Fluoranthene	NS	2.4 U	NS	NS	NS	NS	NS	NS	NS
Fluorene	NS	2.4 U	NS	NS	NS	NS	NS	NS	NS
Freon-113 (1,1,2-trichloro-1,2,2-trifluoroethane)	0.0091 U	0.059 U	0.011 U	NS	0.016 U	0.014 U	0.014 U	0.0072 U	0.015 U
gamma-BHC (Lindane)	NS	0.012 U	NS	NS	NS	NS	NS	NS	NS
gamma-Chlordane	NS	NS	NS	NS	NS	NS	NS	NS	NS
Heptachlor	NS	0.012 U	NS	NS	NS	NS	NS	NS	NS
Heptachlor Epoxide	NS	0.012 U	NS	NS	NS	NS	NS	NS	NS
Hexachlorobenzene	NS	2.4 U	NS	NS	NS	NS	NS	NS	NS
Hexachlorobutadiene	NS	2.4 U	NS	NS	NS	NS	NS	NS	NS
Hexachlorocyclopentadiene	NS	2.4 U	NS	NS	NS	NS	NS	NS	NS
Hexachloroethane	NS	2.4 U	NS	NS	NS	NS	NS	NS	NS
Indeno(1,2,3-cd)pyrene	NS	2.4 U	NS	NS	NS	NS	NS	NS	NS
Iron	NS	7680 J	NS	NS	NS	NS	NS	NS	NS
Isophorone	NS	2.4 U	NS	NS	NS	NS	NS	NS	NS
Isopropylbenzene (Cumene)	0.0091 U	0.059 UJ	0.011 UJ	NS	0.016 UJ	0.014 U	0.014 U	0.0072 U	0.015 U
Lead	NS	7.6	NS	NS	NS	NS	NS	NS	NS
m+p-Xylenes	NS	NS	NS	NS	NS	NS	NS	NS	NS
Magnesium	NS	5440	NS	NS	NS	NS	NS	NS	NS
Manganese	NS	112 J	NS	NS	NS	NS	NS	NS	NS
Mercury	0.52	0.19 U	0.0043	NS	6	5.5	2.2	0.023	3.2
Methoxychlor	NS	0.12 U	NS	NS	NS	NS	NS	NS	NS

TABLE A-3  
Data Summary Table for Sediment

Sample Locaton: Sample Date: Unit: Starting Depth (inches): Ending Depth (inches):	OCISED-013 11/2/2011 mg/kg	OCISED-023 11/2/2011 mg/kg	OCISED-023 11/2/2011 mg/kg	OCISED-023 11/2/2011 pg/g	OCISED-033 11/3/2011 mg/kg	OCISED-033 11/3/2011 mg/kg	OCISED-033 11/3/2011 mg/kg	OCISED-043 11/3/2011 mg/kg	OCISED-053 11/3/2011 mg/kg
	38	12	27	12	13	26	39	12	12
	46	27	39	27	26	39	49	19	24
Methyl acetate	NS	NS	NS	NS	NS	NS	NS	NS	NS
Methyl isobutyl ketone (4-Methyl-2-pentanone)	0.0091 U	0.059 U	0.011 U	NS	0.016 U	0.014 U	0.014 U	0.0072 U	0.015 U
Methyl tertiary butyl ether (MTBE)	0.0091 U	0.059 U	0.011 U	NS	0.016 U	0.014 U	0.014 U	0.0072 U	0.015 U
Methylcyclohexane	NS	NS	NS	NS	NS	NS	NS	NS	NS
Methylene chloride (Dichloromethane) (a)	0.0027 J (b)	0.042 J (b)	0.0061 J (b)	NS	0.0035 J (b)	0.0019 J (b)	0.0048 J (b)	0.0047 J (b)	0.0036 J (b)
Naphthalene	NS	2.4 U	NS	NS	NS	NS	NS	NS	NS
Nickel	NS	8.3 J	NS	NS	NS	NS	NS	NS	NS
Nitrobenzene	NS	2.4 U	NS	NS	NS	NS	NS	NS	NS
N-Nitrosodi-n-propylamine	NS	2.4 U	NS	NS	NS	NS	NS	NS	NS
N-Nitrosodiphenylamine	NS	2.8 U	NS	NS	NS	NS	NS	NS	NS
OCDD	NS	NS	NS	85	NS	NS	NS	NS	NS
OCDF	NS	NS	NS	36 UXJ	NS	NS	NS	NS	NS
o-Xylene	NS	NS	NS	NS	NS	NS	NS	NS	NS
Pentachlorophenol	NS	6 U	NS	NS	NS	NS	NS	NS	NS
Phenanthrene	NS	2.4 U	NS	NS	NS	NS	NS	NS	NS
Phenol	NS	2.4 U	NS	NS	NS	NS	NS	NS	NS
Potassium	NS	430 J	NS	NS	NS	NS	NS	NS	NS
Pyrene	NS	2.4 U	NS	NS	NS	NS	NS	NS	NS
Selenium	NS	19.2 U	NS	NS	NS	NS	NS	NS	NS
Silver	NS	5.5 U	NS	NS	NS	NS	NS	NS	NS
Sodium	NS	290 J	NS	NS	NS	NS	NS	NS	NS
Styrene	0.0091 U	0.059 UJ	0.011 U	NS	0.016 U	0.014 U	0.014 U	0.0072 U	0.015 U
Tetrachloroethene (PCE)	0.0091 U	0.059 UJ	0.011 U	NS	0.016 U	0.014 U	0.014 U	0.0072 U	0.015 U
Thallium	NS	13.7 U	NS	NS	NS	NS	NS	NS	NS
Toluene (a)	0.0091 UB	0.059 UBJ	0.011 UB	NS	0.0018 J (b)	0.0013 J (b)	0.002 J (b)	0.00092 J (b)	0.0015 J (b)
Toxaphene	NS	1.2 U	NS	NS	NS	NS	NS	NS	NS
trans-1,2-Dichloroethene	0.0091 U	0.059 U	0.011 U	NS	0.016 U	0.014 U	0.014 U	0.0072 U	0.015 U
trans-1,3-Dichloropropene	0.0091 U	0.059 UJ	0.011 U	NS	0.016 U	0.014 U	0.014 U	0.0072 U	0.015 U
Trichloroethene (TCE)	0.0091 U	0.059 U	0.011 U	NS	0.016 U	0.014 U	0.014 U	0.0072 U	0.015 U
Trichlorofluoromethane	0.0091 U	0.059 U	0.011 U	NS	0.016 U	0.014 U	0.014 U	0.0072 U	0.015 U
Vanadium	NS	9.1 J	NS	NS	NS	NS	NS	NS	NS
Vinyl Chloride	0.0091 U	0.059 U	0.011 U	NS	0.016 U	0.014 U	0.014 U	0.0072 U	0.015 U
Xylenes, Total	0.0091 U	0.059 UJ	0.011 U	NS	0.016 U	0.014 U	0.014 U	0.0072 U	0.015 U
Zinc	NS	42.9 J	NS	NS	NS	NS	NS	NS	NS

Notes:  
(a) Potential laboratory contaminant.  
(b) For potential lab contaminants: The detected value is J / B flagged and the result is less than the reporting limit; the sample is considered a non-detect.

mg/kg = milligrams per kilogram  
ug/kg = microgram per kilogram

TABLE A-3  
Data Summary Table for Sediment

Sample Locaton: Sample Date: Unit: Starting Depth (inches): Ending Depth (inches):	OCISED-053 11/3/2011 mg/kg	OCISED-053 11/3/2011 mg/kg	OCISED-068 11/4/2011 mg/kg	OCISED-068 11/4/2011 pg/g	OCISED-073 11/4/2011 mg/kg	OCISED-073 11/4/2011 mg/kg	OCISED-073 11/4/2011 mg/kg
	24 36	36 42	21 25	21 25	12 17	17 31	31 36
1,1,1-Trichloroethane	0.018 U	0.0085 U	NS	NS	0.019 U	0.0075 U	0.0044 U
1,1,2,2-Tetrachloroethane	0.018 U	0.0085 U	NS	NS	0.019 U	0.0075 U	0.0044 U
1,1,2-Trichloroethane	0.018 U	0.0085 U	NS	NS	0.019 U	0.0075 U	0.0044 U
1,1-Dichloroethane	0.018 U	0.0085 U	NS	NS	0.019 U	0.0075 U	0.0044 U
1,1-Dichloroethene	0.018 U	0.0085 U	NS	NS	0.019 U	0.0075 U	0.0044 U
1,2,3,4,6,7,8-HpCDD	NS	NS	NS	1300	NS	NS	NS
1,2,3,4,6,7,8-HpCDF	NS	NS	NS	160	NS	NS	NS
1,2,3,4,7,8,9-HpCDF	NS	NS	NS	13 J	NS	NS	NS
1,2,3,4,7,8-HxCDD	NS	NS	NS	58 UX	NS	NS	NS
1,2,3,4,7,8-HxCDF	NS	NS	NS	19 J	NS	NS	NS
1,2,3,6,7,8-HxCDD	NS	NS	NS	29 J	NS	NS	NS
1,2,3,6,7,8-HxCDF	NS	NS	NS	58 UX	NS	NS	NS
1,2,3,7,8,9-HxCDD	NS	NS	NS	14 J	NS	NS	NS
1,2,3,7,8,9-HxCDF	NS	NS	NS	58 U	NS	NS	NS
1,2,3,7,8-PeCDD	NS	NS	NS	58 U	NS	NS	NS
1,2,3,7,8-PeCDF	NS	NS	NS	58 U	NS	NS	NS
1,2,3-Trichlorobenzene	0.018 U	0.0085 U	NS	NS	0.019 U	0.0075 U	0.0044 U
1,2,4,5-Tetrachlorobenzene	NS	NS	1.5 U	NS	NS	NS	NS
1,2,4-Trichlorobenzene	0.018 U	0.0085 U	NS	NS	0.019 U	0.0075 U	0.0044 U
1,2-Dibromo-3-Chloropropane	0.018 U	0.0085 U	NS	NS	0.019 U	0.0075 U	0.0044 U
1,2-Dibromoethane (Ethylene dibromide)	0.018 U	0.0085 U	NS	NS	0.019 U	0.0075 U	0.0044 U
1,2-Dichlorobenzene	0.018 U	0.0085 U	NS	NS	0.019 U	0.0075 U	0.0044 U
1,2-Dichloroethane	0.018 U	0.0085 U	NS	NS	0.019 U	0.0075 U	0.0044 U
1,2-Dichloroethene (Total)	NS	NS	NS	NS	NS	NS	NS
1,2-Dichloropropane	0.018 U	0.0085 U	NS	NS	0.019 U	0.0075 U	0.0044 U
1,3-Dichlorobenzene	0.018 U	0.0085 U	NS	NS	0.019 U	0.0075 U	0.0044 U
1,4-Dichlorobenzene	0.018 U	0.0085 U	NS	NS	0.00095 J	0.0075 U	0.0044 U
1,4-Dioxane (p-Dioxane)	NS	NS	NS	NS	NS	NS	NS
2,2'-Oxybis(1-Chloropropane)	NS	NS	NS	NS	NS	NS	NS
2,3,4,6,7,8-HxCDF	NS	NS	NS	58 UX	NS	NS	NS
2,3,4,6-Tetrachlorophenol	NS	NS	NS	NS	NS	NS	NS
2,3,4,7,8-PeCDF	NS	NS	NS	58 UX	NS	NS	NS
2,3,7,8-TCDD	NS	NS	NS	12 U	NS	NS	NS
2,3,7,8-TCDF	NS	NS	NS	23 J	NS	NS	NS
2,4,5-Trichlorophenol	NS	NS	3.9 U	NS	NS	NS	NS
2,4,6-Trichlorophenol	NS	NS	1.5 U	NS	NS	NS	NS
2,4-Dichlorophenol	NS	NS	1.5 U	NS	NS	NS	NS
2,4-Dimethylphenol	NS	NS	1.5 U	NS	NS	NS	NS
2,4-Dinitrophenol	NS	NS	3.9 U	NS	NS	NS	NS
2,4-Dinitrotoluene	NS	NS	1.5 U	NS	NS	NS	NS
2,6-Dinitrotoluene	NS	NS	1.5 U	NS	NS	NS	NS
2-Butanone (Methyl ethyl ketone) (a)	0.08	0.038	NS	NS	0.061 J	0.049 J	0.0044 U
2-Chloronaphthalene	NS	NS	1.5 U	NS	NS	NS	NS
2-Chlorophenol	NS	NS	1.5 U	NS	NS	NS	NS
2-Hexanone	0.018 U	0.0085 U	NS	NS	0.019 U	0.0075 U	0.0044 U
2-Methylnaphthalene	NS	NS	0.07	NS	NS	NS	NS
2-Methylphenol (o-Cresol)	NS	NS	1.5 U	NS	NS	NS	NS
2-Nitroaniline	NS	NS	3.9 U	NS	NS	NS	NS
2-Nitrophenol	NS	NS	1.5 U	NS	NS	NS	NS
3,3'-Dichlorobenzidine	NS	NS	1.5 U	NS	NS	NS	NS

TABLE A-3  
Data Summary Table for Sediment

Sample Locaton: Sample Date: Unit: Starting Depth (inches): Ending Depth (inches):	OCISED-053 11/3/2011 mg/kg	OCISED-053 11/3/2011 mg/kg	OCISED-068 11/4/2011 mg/kg	OCISED-068 11/4/2011 pg/g	OCISED-073 11/4/2011 mg/kg	OCISED-073 11/4/2011 mg/kg	OCISED-073 11/4/2011 mg/kg
	24	36	21	21	12	17	31
	36	42	25	25	17	31	36
3+4-Methylphenol (m,p-Cresol)	NS	NS	3.1 U	NS	NS	NS	NS
3-Nitroaniline	NS	NS	3.9 U	NS	NS	NS	NS
4,4'-DDD	NS	NS	0.026 J	NS	NS	NS	NS
4,4'-DDE	NS	NS	0.061 J	NS	NS	NS	NS
4,4'-DDT	NS	NS	0.077 U	NS	NS	NS	NS
4,6-Dinitro-2-Methylphenol	NS	NS	3.9 U	NS	NS	NS	NS
4-Bromophenyl phenyl ether	NS	NS	1.5 U	NS	NS	NS	NS
4-Chloro-3-Methylphenol	NS	NS	1.5 U	NS	NS	NS	NS
4-Chloroaniline	NS	NS	1.5 U	NS	NS	NS	NS
4-Chlorophenyl phenyl ether	NS	NS	1.5 U	NS	NS	NS	NS
4-Methylphenol (p-Cresol)	NS	NS	NS	NS	NS	NS	NS
4-Nitroaniline	NS	NS	3.9 U	NS	NS	NS	NS
4-Nitrophenol	NS	NS	3.9 U	NS	NS	NS	NS
Acenaphthene	NS	NS	1.5 U	NS	NS	NS	NS
Acenaphthylene	NS	NS	1.5 U	NS	NS	NS	NS
Acetone (a)	0.29	0.15	NS	NS	0.22	0.16	0.0078
Acetophenone	NS	NS	1.5 U	NS	NS	NS	NS
Aldrin	NS	NS	0.04 U	NS	NS	NS	NS
alpha-BHC	NS	NS	0.04 U	NS	NS	NS	NS
alpha-Chlordane	NS	NS	0.036 J	NS	NS	NS	NS
Aluminum	NS	NS	11800	NS	NS	NS	NS
Anthracene	NS	NS	1.5 U	NS	NS	NS	NS
Antimony	NS	NS	10.2 U	NS	NS	NS	NS
Arsenic	NS	NS	27.8	NS	NS	NS	NS
Atrazine	NS	NS	1.5 U	NS	NS	NS	NS
Barium	NS	NS	593 J	NS	NS	NS	NS
Benzaldehyde	NS	NS	0.081	NS	NS	NS	NS
Benzene	0.018 U	0.0085 U	NS	NS	0.019 U	0.0075 U	0.0044 U
Benzo(a)anthracene	NS	NS	0.19	NS	NS	NS	NS
Benzo(a)pyrene	NS	NS	1.5 U	NS	NS	NS	NS
Benzo(b)fluoranthene	NS	NS	0.22	NS	NS	NS	NS
Benzo(g,h,i)perylene	NS	NS	0.16	NS	NS	NS	NS
Benzo(k)fluoranthene	NS	NS	0.18	NS	NS	NS	NS
Beryllium	NS	NS	0.82 J	NS	NS	NS	NS
beta-BHC	NS	NS	0.04 U	NS	NS	NS	NS
beta-Chlordane	NS	NS	0.04 U	NS	NS	NS	NS
bis(2-Chloroethoxy)methane	NS	NS	1.5 U	NS	NS	NS	NS
bis(2-Chloroethyl)ether	NS	NS	1.5 U	NS	NS	NS	NS
bis(2-Chloroisopropyl)ether	NS	NS	1.5 U	NS	NS	NS	NS
bis(2-Ethylhexyl)phthalate (a)	NS	NS	0.55	NS	NS	NS	NS
Bromodichloromethane (Dichlorobromomethane)	0.018 U	0.0085 U	NS	NS	0.019 U	0.0075 U	0.0044 U
Bromoform (Tribromomethane)	0.018 U	0.0085 U	NS	NS	0.019 U	0.0075 U	0.0044 U
Bromomethane (Methyl bromide)	0.018 UJ	0.0085 UJ	NS	NS	0.019 UJ	0.0075 UJ	0.0044 UJ
Butyl benzyl phthalate (a)	NS	NS	1.5 U	NS	NS	NS	NS
Cadmium	NS	NS	7.5	NS	NS	NS	NS
Calcium	NS	NS	38700 J	NS	NS	NS	NS
Caprolactam	NS	NS	1.5 U	NS	NS	NS	NS
Carbazole	NS	NS	1.5 U	NS	NS	NS	NS
Carbon disulfide (a)	0.011 J (b)	0.0034 J (b)	NS	NS	0.019 J (b)	0.013 J	0.002 J (b)
Carbon tetrachloride	0.018 U	0.0085 U	NS	NS	0.019 U	0.0075 U	0.0044 U
Chlordane (technical)	NS	NS	0.4 U	NS	NS	NS	NS

TABLE A-3  
Data Summary Table for Sediment

Sample Locaton: Sample Date: Unit: Starting Depth (inches): Ending Depth (inches):	OCISED-053 11/3/2011 mg/kg	OCISED-053 11/3/2011 mg/kg	OCISED-068 11/4/2011 mg/kg	OCISED-068 11/4/2011 pg/g	OCISED-073 11/4/2011 mg/kg	OCISED-073 11/4/2011 mg/kg	OCISED-073 11/4/2011 mg/kg
	24 36	36 42	21 25	21 25	12 17	17 31	31 36
Chlorobenzene	0.018 U	0.0085 U	NS	NS	0.019 U	0.0075 U	0.0044 U
Chlorobromomethane (Bromochloromethane)	0.018 U	0.0085 U	NS	NS	0.019 U	0.0075 U	0.0044 U
Chlorodibromomethane (Dibromochloromethane)	0.018 U	0.0085 U	NS	NS	0.019 U	0.0075 U	0.0044 U
Chloroethane	0.018 U	0.0085 U	NS	NS	0.019 U	0.0075 U	0.0044 U
Chloroform	0.018 U	0.0085 U	NS	NS	0.019 U	0.0075 U	0.0044 U
Chloromethane (Methyl chloride)	0.018 U	0.0085 U	NS	NS	0.019 U	0.0075 U	0.0044 U
Chromium	NS	NS	190 J	NS	NS	NS	NS
Chrysene	NS	NS	0.29	NS	NS	NS	NS
cis-1,2-Dichloroethene	0.018 U	0.0085 U	NS	NS	0.019 U	0.0075 U	0.0044 U
cis-1,3-Dichloropropene	0.018 U	0.0085 U	NS	NS	0.019 U	0.0075 U	0.0044 U
Cobalt	NS	NS	7.8 J	NS	NS	NS	NS
Copper	NS	NS	218	NS	NS	NS	NS
Cyanide	NS	NS	NS	NS	NS	NS	NS
Cyclohexane	NS	NS	NS	NS	NS	NS	NS
delta-BHC	NS	NS	0.31	NS	NS	NS	NS
Dibenzo(a,h)anthracene	NS	NS	1.5 U	NS	NS	NS	NS
Dibenzofuran	NS	NS	1.5 U	NS	NS	NS	NS
Dichlorodifluoromethane	0.018 U	0.0085 U	NS	NS	0.019 U	0.0075 U	0.0044 U
Dieldrin	NS	NS	0.15 JN	NS	NS	NS	NS
Diethyl phthalate	NS	NS	1.5 U	NS	NS	NS	NS
Dimethyl phthalate	NS	NS	1.5 U	NS	NS	NS	NS
Di-n-butyl phthalate (a)	NS	NS	1.5 U	NS	NS	NS	NS
Di-n-octyl phthalate (a)	NS	NS	1.5 U	NS	NS	NS	NS
Endosulfan I	NS	NS	0.04 U	NS	NS	NS	NS
Endosulfan II	NS	NS	0.077 U	NS	NS	NS	NS
Endosulfan sulfate	NS	NS	0.077 U	NS	NS	NS	NS
Endrin	NS	NS	0.077 U	NS	NS	NS	NS
Endrin aldehyde	NS	NS	0.077 U	NS	NS	NS	NS
Endrin ketone	NS	NS	0.077 U	NS	NS	NS	NS
Ethylbenzene	0.018 U	0.0085 U	NS	NS	0.019 U	0.0075 U	0.0044 U
Fluoranthene	NS	NS	0.33	NS	NS	NS	NS
Fluorene	NS	NS	1.5 U	NS	NS	NS	NS
Freon-113 (1,1,2-trichloro-1,2,2-trifluoroethane)	0.018 U	0.0085 U	NS	NS	0.019 U	0.0075 U	0.0044 U
gamma-BHC (Lindane)	NS	NS	0.04 U	NS	NS	NS	NS
gamma-Chlordane	NS	NS	NS	NS	NS	NS	NS
Heptachlor	NS	NS	0.04 U	NS	NS	NS	NS
Heptachlor Epoxide	NS	NS	0.087 JN	NS	NS	NS	NS
Hexachlorobenzene	NS	NS	1.5 U	NS	NS	NS	NS
Hexachlorobutadiene	NS	NS	1.5 U	NS	NS	NS	NS
Hexachlorocyclopentadiene	NS	NS	1.5 U	NS	NS	NS	NS
Hexachloroethane	NS	NS	1.5 U	NS	NS	NS	NS
Indeno(1,2,3-cd)pyrene	NS	NS	1.5 U	NS	NS	NS	NS
Iron	NS	NS	18300 J	NS	NS	NS	NS
Isophorone	NS	NS	1.5 U	NS	NS	NS	NS
Isopropylbenzene (Cumene)	0.018 U	0.0085 U	NS	NS	0.019 U	0.0075 U	0.0044 U
Lead	NS	NS	485	NS	NS	NS	NS
m+p-Xylenes	NS	NS	NS	NS	NS	NS	NS
Magnesium	NS	NS	8060	NS	NS	NS	NS
Manganese	NS	NS	206 J	NS	NS	NS	NS
Mercury	0.009	0.0052	2.8	NS	2.1	0.38	1.1
Methoxychlor	NS	NS	0.4 U	NS	NS	NS	NS

TABLE A-3  
Data Summary Table for Sediment

Sample Locaton: Sample Date: Unit: Starting Depth (inches): Ending Depth (inches):	OCISED-053 11/3/2011 mg/kg	OCISED-053 11/3/2011 mg/kg	OCISED-068 11/4/2011 mg/kg	OCISED-068 11/4/2011 pg/g	OCISED-073 11/4/2011 mg/kg	OCISED-073 11/4/2011 mg/kg	OCISED-073 11/4/2011 mg/kg
	24 36	36 42	21 25	21 25	12 17	17 31	31 36
Methyl acetate	NS	NS	NS	NS	NS	NS	NS
Methyl isobutyl ketone (4-Methyl-2-pentanone)	0.018 U	0.0085 U	NS	NS	0.019 U	0.0075 U	0.0044 U
Methyl tertiary butyl ether (MTBE)	0.018 U	0.0085 U	NS	NS	0.019 U	0.0075 U	0.0044 U
Methylcyclohexane	NS	NS	NS	NS	NS	NS	NS
Methylene chloride (Dichloromethane) (a)	0.0032 J (b)	0.0029 J (b)	NS	NS	0.011 J	0.0038 J (b)	0.0037 J (b)
Naphthalene	NS	NS	1.5 U	NS	NS	NS	NS
Nickel	NS	NS	34.9 J	NS	NS	NS	NS
Nitrobenzene	NS	NS	1.5 U	NS	NS	NS	NS
N-Nitrosodi-n-propylamine	NS	NS	1.5 U	NS	NS	NS	NS
N-Nitrosodiphenylamine	NS	NS	1.8 U	NS	NS	NS	NS
OCDD	NS	NS	NS	9000 J	NS	NS	NS
OCDF	NS	NS	NS	140	NS	NS	NS
o-Xylene	NS	NS	NS	NS	NS	NS	NS
Pentachlorophenol	NS	NS	3.9 U	NS	NS	NS	NS
Phenanthrene	NS	NS	0.25	NS	NS	NS	NS
Phenol	NS	NS	1.5 U	NS	NS	NS	NS
Potassium	NS	NS	569 J	NS	NS	NS	NS
Pyrene	NS	NS	0.49	NS	NS	NS	NS
Selenium	NS	NS	3.5 J	NS	NS	NS	NS
Silver	NS	NS	2.4	NS	NS	NS	NS
Sodium	NS	NS	171 J	NS	NS	NS	NS
Styrene	0.018 U	0.0085 U	NS	NS	0.019 U	0.0075 U	0.0044 U
Tetrachloroethene (PCE)	0.018 U	0.0085 U	NS	NS	0.019 U	0.0075 U	0.0044 U
Thallium	NS	NS	4.3 U	NS	NS	NS	NS
Toluene (a)	0.0022 J (b)	0.0011 J (b)	NS	NS	0.019 UB	0.0075 UB	0.0044 UB
Toxaphene	NS	NS	4 U	NS	NS	NS	NS
trans-1,2-Dichloroethene	0.018 U	0.0085 U	NS	NS	0.019 U	0.0075 U	0.0044 U
trans-1,3-Dichloropropene	0.018 U	0.0085 U	NS	NS	0.019 U	0.0075 U	0.0044 U
Trichloroethene (TCE)	0.018 U	0.0085 U	NS	NS	0.019 U	0.0075 U	0.0044 U
Trichlorofluoromethane	0.018 U	0.0085 U	NS	NS	0.019 U	0.0075 U	0.0044 U
Vanadium	NS	NS	20.8	NS	NS	NS	NS
Vinyl Chloride	0.018 U	0.0085 U	NS	NS	0.019 U	0.0075 U	0.0044 U
Xylenes, Total	0.018 U	0.0085 U	NS	NS	0.019 U	0.0075 U	0.0044 U
Zinc	NS	NS	396 J	NS	NS	NS	NS

Notes:  
(a) Potential laboratory contaminant.  
(b) For potential lab contaminants: The detected value is J / B flagged and the result is less than the reporting limit; the sample is considered a non-detect.

mg/kg = milligrams per kilogram  
ug/kg = microgram per kilogram

PREPARED BY/DATE: MKB 1/7/15  
CHECKED BY/DATE: SAG 1/12/15

**TABLE A-4**  
**Calculation of TCDD TEQ for Sediment**  
**Area-Wide Non-PCB Constituent Screening Evaluation**

Sample Location	TEF	Analyte	Result Value	Result Qualifier	Unit	TEQ
OCISED-018	0.01	1,2,3,4,6,7,8-HpCDD	0.000000	U	pg/g	0
OCISED-018	0.01	1,2,3,4,6,7,8-HpCDF	0.000000	U	pg/g	0
OCISED-018	0.01	1,2,3,4,7,8,9-HpCDF	0.000000	U	pg/g	0
OCISED-018	0.1	1,2,3,4,7,8-HxCDD	0.000000	U	pg/g	0
OCISED-018	0.1	1,2,3,4,7,8-HxCDF	0.000000	U	pg/g	0
OCISED-018	0.1	1,2,3,6,7,8-HxCDD	0.000000	U	pg/g	0
OCISED-018	0.1	1,2,3,6,7,8-HxCDF	0.000000	U	pg/g	0
OCISED-018	0.1	1,2,3,7,8,9-HxCDD	0.000000	U	pg/g	0
OCISED-018	0.1	1,2,3,7,8,9-HxCDF	0.000000	U	pg/g	0
OCISED-018	1	1,2,3,7,8-PeCDD	0.000000	U	pg/g	0
OCISED-018	0.03	1,2,3,7,8-PeCDF	0.000000	U	pg/g	0
OCISED-018	0.1	2,3,4,6,7,8-HxCDF	0.000000	U	pg/g	0
OCISED-018	0.3	2,3,4,7,8-PeCDF	0.000000	U	pg/g	0
OCISED-018	1	2,3,7,8-TCDD	0.000000	U	pg/g	0
OCISED-018	0.1	2,3,7,8-TCDF	0.000000	U	pg/g	0
OCISED-018	0.0003	OCDD	1.800000	J	pg/g	0.00054
OCISED-018	0.0003	OCDF	0.000000	U	pg/g	0
<b>TCDD TEQ:</b>						<b>0.00054</b>
OCISED-038	0.01	1,2,3,4,6,7,8-HpCDD	22.000000		pg/g	0
OCISED-038	0.01	1,2,3,4,6,7,8-HpCDF	4.800000	J	pg/g	0
OCISED-038	0.01	1,2,3,4,7,8,9-HpCDF	0.000000	U	pg/g	0
OCISED-038	0.1	1,2,3,4,7,8-HxCDD	0.000000	U	pg/g	0
OCISED-038	0.1	1,2,3,4,7,8-HxCDF	0.290000	J	pg/g	0
OCISED-038	0.1	1,2,3,6,7,8-HxCDD	0.000000	UX	pg/g	0
OCISED-038	0.1	1,2,3,6,7,8-HxCDF	0.000000	UX	pg/g	0
OCISED-038	0.1	1,2,3,7,8,9-HxCDD	0.000000	U	pg/g	0
OCISED-038	0.1	1,2,3,7,8,9-HxCDF	0.000000	U	pg/g	0
OCISED-038	1	1,2,3,7,8-PeCDD	0.000000	U	pg/g	0
OCISED-038	0.03	1,2,3,7,8-PeCDF	0.000000	U	pg/g	0
OCISED-038	0.1	2,3,4,6,7,8-HxCDF	0.000000	U	pg/g	0
OCISED-038	0.3	2,3,4,7,8-PeCDF	0.000000	U	pg/g	0
OCISED-038	1	2,3,7,8-TCDD	0.000000	U	pg/g	0
OCISED-038	0.1	2,3,7,8-TCDF	0.000000	UX	pg/g	0
OCISED-038	0.0003	OCDD	170.000000	J	pg/g	0.05100
OCISED-038	0.0003	OCDF	1.900000	J	pg/g	0
<b>TCDD TEQ:</b>						<b>0.35</b>
OCISED-048	0.01	1,2,3,4,6,7,8-HpCDD	150.000000		pg/g	2
OCISED-048	0.01	1,2,3,4,6,7,8-HpCDF	25.000000	J	pg/g	0
OCISED-048	0.01	1,2,3,4,7,8,9-HpCDF	0.000000	UX	pg/g	0
OCISED-048	0.1	1,2,3,4,7,8-HxCDD	0.000000	U	pg/g	0
OCISED-048	0.1	1,2,3,4,7,8-HxCDF	0.000000	UX	pg/g	0
OCISED-048	0.1	1,2,3,6,7,8-HxCDD	3.300000	J	pg/g	0
OCISED-048	0.1	1,2,3,6,7,8-HxCDF	0.000000	UX	pg/g	0
OCISED-048	0.1	1,2,3,7,8,9-HxCDD	0.000000	U	pg/g	0

**TABLE A-4**  
**Calculation of TCDD TEQ for Sediment**  
**Area-Wide Non-PCB Constituent Screening Evaluation**

Sample Location	TEF	Analyte	Result Value	Result Qualifier	Unit	TEQ
OCISED-048	0.1	1,2,3,7,8,9-HxCDF	0.000000	U	pg/g	0
OCISED-048	1	1,2,3,7,8-PeCDD	0.000000	U	pg/g	0
OCISED-048	0.03	1,2,3,7,8-PeCDF	0.000000	U	pg/g	0
OCISED-048	0.1	2,3,4,6,7,8-HxCDF	0.000000	U	pg/g	0
OCISED-048	0.3	2,3,4,7,8-PeCDF	0.000000	U	pg/g	0
OCISED-048	1	2,3,7,8-TCDD	0.000000	U	pg/g	0
OCISED-048	0.1	2,3,7,8-TCDF	9.800000	J	pg/g	1
OCISED-048	0.0003	OCDD	1400.000000	J	pg/g	0.42000
OCISED-048	0.0003	OCDF	13.000000	J	pg/g	0
<b>TCDD TEQ:</b>						<b>3.5</b>
OCISED-053	0.01	1,2,3,4,6,7,8-HpCDD	310.000000		pg/g	3
OCISED-053	0.01	1,2,3,4,6,7,8-HpCDF	50.000000		pg/g	1
OCISED-053	0.01	1,2,3,4,7,8,9-HpCDF	0.000000	UX	pg/g	0
OCISED-053	0.1	1,2,3,4,7,8-HxCDD	0.000000	U	pg/g	0
OCISED-053	0.1	1,2,3,4,7,8-HxCDF	3.400000	J	pg/g	0
OCISED-053	0.1	1,2,3,6,7,8-HxCDD	0.000000	UX	pg/g	0
OCISED-053	0.1	1,2,3,6,7,8-HxCDF	0.000000	UX	pg/g	0
OCISED-053	0.1	1,2,3,7,8,9-HxCDD	0.000000	UX	pg/g	0
OCISED-053	0.1	1,2,3,7,8,9-HxCDF	0.000000	U	pg/g	0
OCISED-053	1	1,2,3,7,8-PeCDD	0.000000	U	pg/g	0
OCISED-053	0.03	1,2,3,7,8-PeCDF	0.000000	U	pg/g	0
OCISED-053	0.1	2,3,4,6,7,8-HxCDF	0.000000	U	pg/g	0
OCISED-053	0.3	2,3,4,7,8-PeCDF	0.000000	U	pg/g	0
OCISED-053	1	2,3,7,8-TCDD	0.000000	UX	pg/g	0
OCISED-053	0.1	2,3,7,8-TCDF	0.000000	UX	pg/g	0
OCISED-053	0.0003	OCDD	3200.000000	J	pg/g	0.96000
OCISED-053	0.0003	OCDF	32.000000	J	pg/g	0
<b>TCDD TEQ:</b>						<b>4.9</b>
OCISED-063	0.01	1,2,3,4,6,7,8-HpCDD	280.000000		pg/g	3
OCISED-063	0.01	1,2,3,4,6,7,8-HpCDF	57.000000		pg/g	1
OCISED-063	0.01	1,2,3,4,7,8,9-HpCDF	11.000000	J	pg/g	0
OCISED-063	0.1	1,2,3,4,7,8-HxCDD	0.000000	U	pg/g	0
OCISED-063	0.1	1,2,3,4,7,8-HxCDF	29.000000	J	pg/g	3
OCISED-063	0.1	1,2,3,6,7,8-HxCDD	6.700000	J	pg/g	1
OCISED-063	0.1	1,2,3,6,7,8-HxCDF	14.000000	J	pg/g	1
OCISED-063	0.1	1,2,3,7,8,9-HxCDD	0.000000	U	pg/g	0
OCISED-063	0.1	1,2,3,7,8,9-HxCDF	0.000000	U	pg/g	0
OCISED-063	1	1,2,3,7,8-PeCDD	0.000000	U	pg/g	0
OCISED-063	0.03	1,2,3,7,8-PeCDF	0.000000	U	pg/g	0
OCISED-063	0.1	2,3,4,6,7,8-HxCDF	0.000000	U	pg/g	0
OCISED-063	0.3	2,3,4,7,8-PeCDF	0.000000	UX	pg/g	0
OCISED-063	1	2,3,7,8-TCDD	0.000000	U	pg/g	0
OCISED-063	0.1	2,3,7,8-TCDF	14.000000	J	pg/g	1
OCISED-063	0.0003	OCDD	2400.000000	J	pg/g	0.72000
OCISED-063	0.0003	OCDF	29.000000	J	pg/g	0
<b>TCDD TEQ:</b>						<b>11</b>



**TABLE A-4**  
**Calculation of TCDD TEQ for Sediment**  
**Area-Wide Non-PCB Constituent Screening Evaluation**

Sample Location	TEF	Analyte	Result Value	Result Qualifier	Unit	TEQ
OCISED-073	0.01	1,2,3,4,6,7,8-HpCDD	610.000000		pg/g	6
OCISED-073	0.01	1,2,3,4,6,7,8-HpCDF	92.000000		pg/g	1
OCISED-073	0.01	1,2,3,4,7,8,9-HpCDF	5.200000	J	pg/g	0
OCISED-073	0.1	1,2,3,4,7,8-HxCDD	0.000000	U	pg/g	0
OCISED-073	0.1	1,2,3,4,7,8-HxCDF	9.000000	J	pg/g	1
OCISED-073	0.1	1,2,3,6,7,8-HxCDD	20.000000	J	pg/g	2
OCISED-073	0.1	1,2,3,6,7,8-HxCDF	0.000000	UX	pg/g	0
OCISED-073	0.1	1,2,3,7,8,9-HxCDD	0.000000	UX	pg/g	0
OCISED-073	0.1	1,2,3,7,8,9-HxCDF	0.000000	U	pg/g	0
OCISED-073	1	1,2,3,7,8-PeCDD	0.000000	U	pg/g	0
OCISED-073	0.03	1,2,3,7,8-PeCDF	0.000000	U	pg/g	0
OCISED-073	0.1	2,3,4,6,7,8-HxCDF	0.000000	UX	pg/g	0
OCISED-073	0.3	2,3,4,7,8-PeCDF	0.000000	UX	pg/g	0
OCISED-073	1	2,3,7,8-TCDD	18.000000		pg/g	18
OCISED-073	0.1	2,3,7,8-TCDF	0.000000	UX	pg/g	0
OCISED-073	0.0003	OCDD	5500.000000	J	pg/g	1.65000
OCISED-073	0.0003	OCDF	71.000000	J	pg/g	0
<b>TCDD TEQ:</b>						<b>30</b>
OCISED-023	0.01	1,2,3,4,6,7,8-HpCDD	8.200000	J	pg/g	0
OCISED-023	0.01	1,2,3,4,6,7,8-HpCDF	1.300000	J	pg/g	0
OCISED-023	0.01	1,2,3,4,7,8,9-HpCDF	0.000000	U	pg/g	0
OCISED-023	0.1	1,2,3,4,7,8-HxCDD	0.000000	U	pg/g	0
OCISED-023	0.1	1,2,3,4,7,8-HxCDF	0.000000	U	pg/g	0
OCISED-023	0.1	1,2,3,6,7,8-HxCDD	0.000000	U	pg/g	0
OCISED-023	0.1	1,2,3,6,7,8-HxCDF	0.000000	U	pg/g	0
OCISED-023	0.1	1,2,3,7,8,9-HxCDD	0.000000	U	pg/g	0
OCISED-023	0.1	1,2,3,7,8,9-HxCDF	0.000000	U	pg/g	0
OCISED-023	1	1,2,3,7,8-PeCDD	0.000000	U	pg/g	0
OCISED-023	0.03	1,2,3,7,8-PeCDF	0.000000	U	pg/g	0
OCISED-023	0.1	2,3,4,6,7,8-HxCDF	0.000000	U	pg/g	0
OCISED-023	0.3	2,3,4,7,8-PeCDF	0.000000	U	pg/g	0
OCISED-023	1	2,3,7,8-TCDD	0.000000	U	pg/g	0
OCISED-023	0.1	2,3,7,8-TCDF	0.000000	U	pg/g	0
OCISED-023	0.0003	OCDD	85.000000		pg/g	0.02550
OCISED-023	0.0003	OCDF	0.000000	UXJ	pg/g	0
<b>TCDD TEQ:</b>						<b>0.12</b>
OCISED-068	0.01	1,2,3,4,6,7,8-HpCDD	1300.000000		pg/g	13
OCISED-068	0.01	1,2,3,4,6,7,8-HpCDF	160.000000		pg/g	2
OCISED-068	0.01	1,2,3,4,7,8,9-HpCDF	13.000000	J	pg/g	0
OCISED-068	0.1	1,2,3,4,7,8-HxCDD	0.000000	UX	pg/g	0
OCISED-068	0.1	1,2,3,4,7,8-HxCDF	19.000000	J	pg/g	2
OCISED-068	0.1	1,2,3,6,7,8-HxCDD	29.000000	J	pg/g	3
OCISED-068	0.1	1,2,3,6,7,8-HxCDF	0.000000	UX	pg/g	0
OCISED-068	0.1	1,2,3,7,8,9-HxCDD	14.000000	J	pg/g	1
OCISED-068	0.1	1,2,3,7,8,9-HxCDF	0.000000	U	pg/g	0
OCISED-068	1	1,2,3,7,8-PeCDD	0.000000	U	pg/g	0

**TABLE A-4**  
**Calculation of TCDD TEQ for Sediment**  
**Area-Wide Non-PCB Constituent Screening Evaluation**

Sample Location	TEF	Analyte	Result Value	Result Qualifier	Unit	TEQ
OCISED-068	0.03	1,2,3,7,8-PeCDF	0.000000	U	pg/g	0
OCISED-068	0.1	2,3,4,6,7,8-HxCDF	0.000000	UX	pg/g	0
OCISED-068	0.3	2,3,4,7,8-PeCDF	0.000000	UX	pg/g	0
OCISED-068	1	2,3,7,8-TCDD	0.000000	U	pg/g	0
OCISED-068	0.1	2,3,7,8-TCDF	23.000000	J	pg/g	2
OCISED-068	0.0003	OCDD	9000.000000	J	pg/g	2.70000
OCISED-068	0.0003	OCDF	140.000000		pg/g	0
<b>TCDD TEQ:</b>						<b>26</b>

Notes:

HpCDD - Heptachlorodibenzo-p-dioxin  
 HpCDF - Heptachlorodibenzo-p-furan  
 HxCDD - Hexachlorodibenzo-p-dioxin  
 HxCDF - Hexachlorodibenzo-p-furan  
 HxCDF - Hexachlorodibenzo-p-furan  
 HxCDF - Hexachlorodibenzo-p-furan  
 OCDD - Octachlorodibenzodioxin  
 OCDF - Octachlorodibenzofuran  
 PCB - polychlorinated biphenyl  
 PeCDD - Pentachlorodibenzo-p-dioxin  
 PeCDF - Pentachlorodibenzofuran  
 pg/g = picograms per gram  
 J - estimated concentration  
 U - analyte not detected above detection limit  
 UX -  
 TCDD - Tetrachlorodibenzo-p-dioxin  
 TCDF - Tetrachlorodibenzo-p-furan  
 TEF - toxic equivalency factor  
 TEQ - toxic equivalence quotient

PREPARED BY/DATE: MKB 1/7/15  
 CHECKED BY/DATE: RRP 1/12/15

TABLE A-5  
Data Summary Table for Detected Constituents in Paper Residuals

Sample Locaton: Sample Date: Unit: Starting Depth (inches): Ending Depth (inches):	AMW-10B		AMW-6B		AMW-7B		A-MW-8A	AMW-8B		AMW-9B	
	mg/Kg	ug/Kg	mg/Kg	ug/Kg	mg/Kg	ug/Kg	mg/Kg	mg/Kg	ug/Kg	mg/Kg	ug/Kg
	26	26	12	12	20	20	12	24	24	24	24
	27	27	14	14	22	22	12.5	24.5	24.5	26	26
1,2,4-Trichlorobenzene	NS	9900 U	NS	4300 U	NS	4000 U	5.2 U	NS	60000 U	NS	43000 U
1,2-Dichlorobenzene	NS	9900 U	NS	4300 U	NS	4000 U	5.2 U	NS	60000 U	NS	43000 U
1,3-Dichlorobenzene	NS	9900 U	NS	4300 U	NS	4000 U	5.2 U	NS	60000 U	NS	43000 U
1,4-Dichlorobenzene	NS	9900 U	NS	4300 U	NS	4000 U	5.2 U	NS	60000 U	NS	43000 U
2,4,5-Trichlorophenol	NS	24000 U	NS	10000 U	NS	9800 U	12 UJ	NS	150000 U	NS	100000 U
2,4,6-Trichlorophenol	NS	9900 U	NS	4300 U	NS	4000 U	5.2 U	NS	60000 U	NS	43000 U
2,4-Dimethylphenol	NS	9900 U	NS	4300 U	NS	4000 U	5.2 U	NS	60000 U	NS	43000 U
2-Butanone	NS	79 J	NS	160 J	NS	52 J	0.11 J	NS	2600 U	NS	220
2-Hexanone	NS	750	NS	26 U	NS	29 UJ	0.11 UJ	NS	2600 U	NS	140 U
2-Methylnaphthalene	NS	3000 J	NS	4300 U	NS	980 J	4.1 J	NS	12000 J	NS	22000 J
2-Methylphenol (o-Cresol)	NS	9900 U	NS	4300 U	NS	4000 U	5.2 U	NS	60000 U	NS	43000 U
4,4'-DDD	NS	50 U	NS	87 U	NS	82 U	0.25 U	NS	160 U	NS	87 U
4,4'-DDE	NS	50 U	NS	NA R	NS	NA R	0.42 J	NS	160 U	NS	NA R
4,4'-DDT	NS	50 U	NS	160	NS	170 JN	0.25 U	NS	230 JN	NS	NA R
4-Methyl-2-pentanone	NS	54 J	NS	26 U	NS	29 U	0.11 U	NS	2600 U	NS	140 U
4-Methylphenol (p-Cresol)	NS	1800 J	NS	1900 J	NS	3500 J	5.2 U	NS	60000 U	NS	43000 U
Acetone	NS	120 U	NS	310	NS	96 J	0.46	NS	2600 UJ	NS	700
Aldrin	NS	26 U	NS	45 U	NS	42 U	0.999 R	NS	82 U	NS	45 U
Alpha-BHC	NS	26 UJ	NS	45 U	NS	42 U	0.13 U	NS	82 UJ	NS	45 U
Alpha-Chlordane	NS	26 U	NS	45 U	NS	42 U	0.13 U	NS	NA R	NS	45 U
Aluminum	11100 JE*	NS	9940	NS	8980	NS	10500	8010 JE*	NS	21500	NS
Antimony	16.1 UJN	NS	20.1 U	NS	13.9 U	NS	15 B	21.9 UJN	NS	18.6 U	NS
Arsenic	1.1 B	NS	0.89 B	NS	0.88 B	NS	1.7 B	1.2 B	NS	3.7	NS
Barium	158 JN*	NS	222 *	NS	1250 *	NS	94.2	751 JN*	NS	35 B*	NS
Benzene	NS	58 J	NS	6 J	NS	34	0.11 U	NS	2600 U	NS	65 J
Benzo(a)anthracene	NS	9900 U	NS	4300 U	NS	4000 U	5.2 U	NS	60000 U	NS	43000 U
Beryllium	0.29 U	NS	0.36 U	NS	0.25 U	NS	0.28 B	0.39 U	NS	0.34 U	NS
Beta-BHC	NS	26 U	NS	45 U	NS	42 U	0.13 U	NS	82 U	NS	45 U
beta-Chlordane	NS	NS	NS	NS	NS	NS	0.999 R	NS	NS	NS	NS
bis(2-Chloroethyl)ether	NS	9900 U	NS	4300 U	NS	4000 U	5.2 U	NS	60000 UJ	NS	43000 U
bis(2-Ethylhexyl)phthalate	NS	6900 J	NS	4300 U	NS	3200 J	3.1 J	NS	60000 U	NS	2600 J
Butylbenzylphthalate	NS	780 J	NS	4300 U	NS	4000 U	5.2 U	NS	60000 U	NS	43000 U
Cadmium	0.9 U	NS	1.1 U	NS	0.78 U	NS	2 J	1.2 U	NS	1 U	NS
Calcium	7810 J*	NS	10300 *	NS	34300 *	NS	4240	12400 J*	NS	7270 *	NS
Carbon Disulfide	NS	25 J	NS	9 J	NS	10 J	0.028 J	NS	2600 U	NS	140 U
Carbon Tetrachloride	NS	120 U	NS	26 U	NS	29 U	0.11 U	NS	2600 U	NS	140 U
Chlorobenzene	NS	120 U	NS	26 U	NS	29 U	0.11 U	NS	2600 U	NS	140 U
Chloroform	NS	46 J	NS	26 U	NS	29 U	0.11 U	NS	2600 U	NS	48 J
Chromium	14.2 JEN*	NS	85.8	NS	104	NS	26.7	79.7 JEN*	NS	9.6	NS
Chrysene	NS	9900 U	NS	4300 U	NS	4000 U	5.2 U	NS	60000 U	NS	43000 U
cis-1,3-Dichloropropene	NS	120 U	NS	26 U	NS	29 U	0.11 U	NS	2600 U	NS	140 U
Cobalt	1.8 U	NS	4.3 B	NS	4.5 B	NS	7.1 B	3.7 B	NS	2.1 U	NS
Copper	183 JN*	NS	81	NS	52.3	NS	55.3 J	62.3 JN*	NS	98.8	NS
Cyanide	120 JN*	NS	2.5	NS	15.2	NS	1.7	41.5 JN*	NS	1.4	NS
Delta-BHC	NS	26 U	NS	45 U	NS	NA R	0.13 UJ	NS	NA R	NS	94 JN
Diethyl phthalate	NS	9900 U	NS	4300 U	NS	4000 U	5.2 U	NS	60000 U	NS	43000 U
Di-n-butyl phthalate	NS	1600 J	NS	4300 U	NS	4000 U	5.2 U	NS	60000 U	NS	43000 U
Di-n-octyl phthalate	NS	9900 U	NS	4300 U	NS	4000 U	5.2 U	NS	60000 U	NS	43000 U

TABLE A-5  
Data Summary Table for Detected Constituents in Paper Residuals

Sample Locaton: Sample Date: Unit: Starting Depth (inches): Ending Depth (inches):	AMW-10B		AMW-6B		AMW-7B		A-MW-8A	AMW-8B		AMW-9B	
	mg/Kg	ug/Kg	mg/Kg	ug/Kg	mg/Kg	ug/Kg	mg/Kg	mg/Kg	ug/Kg	mg/Kg	ug/Kg
	26	26	12	12	20	20	12	24	24	24	24
	27	27	14	14	22	22	12.5	24.5	24.5	26	26
Endosulfan II	NS	50 U	NS	87 U	NS	82 U	0.25 U	NS	160 U	NS	87 U
Endrin Aldehyde	NS	50 U	NS	87 U	NS	82 U	0.25 U	NS	110 J	NS	87 U
Ethylbenzene	NS	45 J	NS	26 U	NS	29 U	0.11 U	NS	2600 U	NS	32 J
Fluoranthene	NS	9900 U	NS	4300 U	NS	4000 U	5.2 U	NS	60000 U	NS	43000 U
Fluorene	NS	9900 U	NS	4300 U	NS	4000 U	5.2 U	NS	60000 U	NS	43000 U
Gamma-Chlordane	NS	26 U	NS	45 U	NS	42 U	NS	NS	NA R	NS	45 U
Iron	2990 JE*	NS	1740	NS	940	NS	3530	1920 JE*	NS	3280	NS
Lead	22.5 J*	NS	500 *	NS	675 *	NS	56.5	483 JN*	NS	22.2	NS
Magnesium	1010 B	NS	857 B	NS	792 B	NS	2110	634 B	NS	536 B	NS
Manganese	63 JE*	NS	28 *	NS	74.2 *	NS	43	50.5 JE*	NS	56.1 *	NS
Mercury	0.13 UJN*	NS	1	NS	2.1	NS	0.17 JN	1.6 JN*	NS	0.16 BJ	NS
Methylene Chloride	NS	160 J	NS	26 U	NS	29 U	0.11 U	NS	2600 U	NS	67 J
Naphthalene	NS	10000	NS	4300 U	NS	4000 U	5.2 U	NS	6400 J	NS	43000 U
Nickel	5.8 B	NS	4.7 B	NS	3.3 B	NS	9 B	4.4 B	NS	2.8 U	NS
Pentachlorophenol	NS	24000 U	NS	10000 U	NS	1500 J	12 U	NS	150000 U	NS	100000 U
Phenanthrene	NS	9900 U	NS	4300 U	NS	440 J	0.51 J	NS	60000 U	NS	4500 J
Phenol	NS	9900 U	NS	4300 U	NS	4000 U	5.2 U	NS	60000 U	NS	43000 U
Potassium	246 B	NS	300 U	NS	209 U	NS	207 U	327 U	NS	282 B	NS
Pyrene	NS	9900 U	NS	4300 U	NS	4000 U	5.2 U	NS	60000 UJ	NS	43000 U
Selenium	0.66 U	NS	0.47 U	NS	0.33 U	NS	0.43 U	0.54 U	NS	0.29 UJW	NS
Silver	1.8 U	NS	2.2 U	NS	1.5 U	NS	1.5 U	2.4 U	NS	2.1 U	NS
Sodium	304 U	NS	379 U	NS	314 B	NS	261 U	414 U	NS	353 U	NS
Styrene	NS	120 U	NS	26 U	NS	29 U	0.11 U	NS	2600 U	NS	140 U
Tetrachloroethene	NS	13 J	NS	26 U	NS	29 U	0.11 U	NS	2600 U	NS	140 U
Toluene	NS	110 J	NS	12 J	NS	15 J	0.11 U	NS	360 J	NS	78 J
Vanadium	12.6 B	NS	13.8 B	NS	11.7 B	NS	14.7	12.3 B	NS	15.8 B	NS
Xylenes, Total	NS	300	NS	26 U	NS	6 J	0.11 U	NS	2600 U	NS	150
Zinc	246 JEN*	NS	222	NS	166	NS	274	195 JEN*	NS	304	NS

Notes:

NA - Not Available

NS - Not Sampled

mg/kg - milligrams per kilogram

ug/kg - microgram per kilogram

TABLE A-5  
Data Summary Table for Detected Constituents in Paper Residuals

Sample Locaton: Sample Date: Unit: Starting Depth (inches): Ending Depth (inches):	AS-1		AS-2		AS-3		B1-1		B1-2		B1-3	
	mg/Kg	ug/Kg	mg/Kg	ug/Kg	mg/Kg	ug/Kg	mg/Kg	ug/Kg	mg/Kg	ug/Kg	mg/Kg	ug/Kg
	18	18	26	26	18	18	28	28	26	26	28	28
	20	20	27	27	20	20	30	30	27.75	27.75	30	30
1,2,4-Trichlorobenzene	NS	48000 U	NS	9700 U	NS	40000 U	NS	3300 U	NS	2800 U	NS	6600 U
1,2-Dichlorobenzene	NS	48000 U	NS	9700 U	NS	40000 U	NS	3300 U	NS	2800 U	NS	6600 U
1,3-Dichlorobenzene	NS	48000 U	NS	9700 U	NS	40000 U	NS	3300 U	NS	2800 U	NS	6600 U
1,4-Dichlorobenzene	NS	48000 U	NS	9700 U	NS	40000 U	NS	3300 U	NS	2800 U	NS	6600 U
2,4,5-Trichlorophenol	NS	120000 U	NS	24000 U	NS	98000 U	NS	7900 U	NS	6800 U	NS	16000 U
2,4,6-Trichlorophenol	NS	48000 U	NS	9700 U	NS	40000 U	NS	3300 U	NS	2800 U	NS	6600 U
2,4-Dimethylphenol	NS	48000 U	NS	9700 U	NS	40000 U	NS	3300 U	NS	2800 U	NS	6600 U
2-Butanone	NS	290 J	NS	2800 UJ	NS	48 J	NS	100 J	NS	55 J	NS	1100 J
2-Hexanone	NS	66 UJ	NS	2800 UJ	NS	24 UJ	NS	92 UJ	NS	98 UJ	NS	92 UJ
2-Methylnaphthalene	NS	20000 J	NS	9700 J	NS	20000 J	NS	3500	NS	4200	NS	2900 J
2-Methylphenol (o-Cresol)	NS	48000 U	NS	9700 U	NS	40000 U	NS	3300 U	NS	2800 U	NS	6600 U
4,4'-DDD	NS	190 U	NS	190 U	NS	820 U	NS	240 U	NS	140 U	NS	67 U
4,4'-DDE	NS	270 JN	NS	300 JN	NS	700 JN	NS	240 U	NS	140 U	NS	67 U
4,4'-DDT	NS	380 Z	NS	470 J	NS	480 JN	NS	240 U	NS	94 J	NS	67 U
4-Methyl-2-pentanone	NS	66 U	NS	2800 UJ	NS	24 U	NS	92 U	NS	98 U	NS	92 U
4-Methylphenol (p-Cresol)	NS	48000 U	NS	4200 J	NS	2800 J	NS	4300	NS	2800 U	NS	18000
Acetone	NS	370 B	NS	2800 UJ	NS	71 B	NS	230 BJ	NS	260 BJ	NS	800 J
Aldrin	NS	98 U	NS	100 U	NS	420 U	NS	120 U	NS	72 U	NS	35 U
Alpha-BHC	NS	98 U	NS	100 U	NS	420 U	NS	120 U	NS	72 U	NS	35 U
Alpha-Chlordane	NS	98 U	NS	100 U	NS	420 U	NS	120 U	NS	72 U	NS	35 U
Aluminum	5090	NS	11200	NS	7830	NS	13500	NS	18400	NS	9850	NS
Antimony	21.3 U	NS	28 U	NS	22.3 U	NS	13.8 UJ	NS	20.3 UJ	NS	11.6 UJ	NS
Arsenic	0.82 U	NS	1.6 B	NS	1.4 B	NS	1 BJW	NS	1.6 BJW	NS	0.94 BJW	NS
Barium	212 *	NS	251 *	NS	822 *	NS	71.5	NS	452	NS	86	NS
Benzene	NS	18 J	NS	2800 UJ	NS	23 J	NS	92 U	NS	98 U	NS	92 U
Benzo(a)anthracene	NS	48000 U	NS	9700 U	NS	40000 U	NS	3300 U	NS	2800 U	NS	6600 U
Beryllium	0.38 U	NS	0.5 U	NS	0.4 U	NS	0.25 U	NS	0.37 U	NS	0.21 U	NS
Beta-BHC	NS	98 U	NS	100 U	NS	420 U	NS	120 U	NS	72 U	NS	35 U
beta-Chlordane	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
bis(2-Chloroethyl)ether	NS	48000 U	NS	9700 U	NS	40000 U	NS	3300 U	NS	2800 U	NS	6600 U
bis(2-Ethylhexyl)phthalate	NS	15000 J	NS	1300 J	NS	3700 J	NS	670 J	NS	1700 J	NS	6600 U
Butylbenzylphthalate	NS	48000 U	NS	9700 U	NS	40000 U	NS	3300 U	NS	2800 U	NS	6600 U
Cadmium	1.2 U	NS	1.6 U	NS	1.2 U	NS	0.78 U	NS	1.1 U	NS	0.65 U	NS
Calcium	14300 *	NS	16300 *	NS	13700 *	NS	19300 *	NS	28500 *	NS	4700 *	NS
Carbon Disulfide	NS	8 J	NS	2800 UJ	NS	10 J	NS	30 J	NS	30 J	NS	16 J
Carbon Tetrachloride	NS	66 U	NS	2800 UJ	NS	24 U	NS	92 U	NS	98 U	NS	92 U
Chlorobenzene	NS	66 U	NS	2800 UJ	NS	24 U	NS	92 U	NS	98 U	NS	92 U
Chloroform	NS	60 J	NS	2800 UJ	NS	24 U	NS	92 U	NS	98 U	NS	62 J
Chromium	73.2	NS	56.5	NS	99	NS	151	NS	174	NS	79.9	NS
Chrysene	NS	48000 U	NS	9700 U	NS	40000 U	NS	3300 U	NS	2800 U	NS	6600 U
cis-1,3-Dichloropropene	NS	66 U	NS	2800 UJ	NS	24 U	NS	92 U	NS	98 U	NS	92 U
Cobalt	2.3 U	NS	3.1 U	NS	5.2 B	NS	2.4 B	NS	9.7 B	NS	3.5 B	NS
Copper	74	NS	95	NS	59.2	NS	73.6	NS	121	NS	72.6	NS
Cyanide	23.9	NS	9.1	NS	3.4	NS	21.4 J	NS	3.6 J	NS	4.4 J	NS
Delta-BHC	NS	NA R	NS	100 U	NS	420 U	NS	120 UJ	NS	72 UJ	NS	35 UJ
Diethyl phthalate	NS	48000 U	NS	9700 U	NS	40000 U	NS	3300 U	NS	2800 U	NS	6600 U
Di-n-butyl phthalate	NS	48000 U	NS	9700 U	NS	40000 U	NS	3300 U	NS	2800 U	NS	6600 U
Di-n-octyl phthalate	NS	48000 U	NS	9700 U	NS	40000 U	NS	3300 U	NS	590 J	NS	6600 U

TABLE A-5  
Data Summary Table for Detected Constituents in Paper Residuals

Sample Locaton: Sample Date: Unit: Starting Depth (inches): Ending Depth (inches):	AS-1		AS-2		AS-3		B1-1		B1-2		B1-3	
	mg/Kg	ug/Kg	mg/Kg	ug/Kg	mg/Kg	ug/Kg	mg/Kg	ug/Kg	mg/Kg	ug/Kg	mg/Kg	ug/Kg
	18	18	26	26	18	18	28	28	26	26	28	28
	20	20	27	27	20	20	30	30	27.75	27.75	30	30
Endosulfan II	NS	190 U	NS	190 U	NS	820 U	NS	240 U	NS	140 U	NS	67 U
Endrin Aldehyde	NS	190 U	NS	190 U	NS	820 U	NS	240 U	NS	140 U	NS	67 U
Ethylbenzene	NS	28 J	NS	2800 UJ	NS	24 U	NS	60 J	NS	83 J	NS	45 J
Fluoranthene	NS	48000 U	NS	9700 U	NS	40000 U	NS	3300 U	NS	2800 U	NS	6600 U
Fluorene	NS	48000 U	NS	9700 U	NS	40000 U	NS	3300 U	NS	2800 U	NS	6600 U
Gamma-Chlordane	NS	NA R	NS	78 JN	NS	420 U	NS	120 U	NS	72 U	NS	35 U
Iron	985	NS	2800	NS	1600	NS	778 *	NS	1150 *	NS	443 *	NS
Lead	454 *	NS	308 *	NS	607 *	NS	861 J	NS	819 J	NS	367 J	NS
Magnesium	760 B	NS	938 B	NS	698 B	NS	1550	NS	890 B	NS	449 B	NS
Manganese	58.7 *	NS	72.8 *	NS	50.2 *	NS	26.3 *	NS	38.1 *	NS	6.3 *	NS
Mercury	0.62	NS	0.98	NS	1.4	NS	0.17	NS	1.5	NS	0.43	NS
Methylene Chloride	NS	24 J	NS	2800 UJ	NS	24 U	NS	92 U	NS	98 U	NS	34 J
Naphthalene	NS	48000 U	NS	2800 J	NS	40000 U	NS	3300 U	NS	17000	NS	6600 U
Nickel	3.7 B	NS	4.2 U	NS	3.7 B	NS	14.5	NS	6 B	NS	3.1 B	NS
Pentachlorophenol	NS	120000 U	NS	24000 U	NS	98000 U	NS	7900 U	NS	6800 U	NS	16000 U
Phenanthrene	NS	48000 U	NS	1000 J	NS	40000 U	NS	3300 U	NS	2800 U	NS	6600 U
Phenol	NS	48000 U	NS	9700 U	NS	40000 U	NS	3300 U	NS	2800 U	NS	6600 U
Potassium	319 U	NS	488 B	NS	333 U	NS	207 U	NS	304 U	NS	174 U	NS
Pyrene	NS	48000 U	NS	9700 U	NS	40000 U	NS	3300 U	NS	2800 U	NS	6600 U
Selenium	0.58 U	NS	0.52 U	NS	0.45 U	NS	0.67 U	NS	0.6 UW	NS	0.51 U	NS
Silver	2.3 U	NS	3.1 U	NS	2.5 U	NS	1.5 U	NS	2.2 U	NS	1.3 U	NS
Sodium	403 U	NS	530 U	NS	421 U	NS	295 B	NS	384 U	NS	220 U	NS
Styrene	NS	66 U	NS	2800 UJ	NS	24 U	NS	92 U	NS	98 U	NS	92 U
Tetrachloroethene	NS	13 J	NS	2800 UJ	NS	4 J	NS	92 U	NS	98 U	NS	16 J
Toluene	NS	140	NS	2800 UJ	NS	82	NS	130	NS	450	NS	76 J
Vanadium	7.4 B	NS	12.8 B	NS	12.2 B	NS	17	NS	24.9	NS	17.5	NS
Xylenes, Total	NS	210	NS	2800 UJ	NS	76	NS	93	NS	340	NS	210
Zinc	241	NS	306	NS	249	NS	NA R	NS	NA R	NS	NA R	NS

Notes:  
NA - Not Available  
NS - Not Sampled  
mg/kg - milligrams per kilogram  
ug/kg - microgram per kilogram

TABLE A-5  
Data Summary Table for Detected Constituents in Paper Residuals

Sample Locaton: Sample Date: Unit: Starting Depth (inches): Ending Depth (inches):	B2-1		B2-2		B2-3		B3-1		B3-2		B3-3	
	mg/Kg	ug/Kg	mg/Kg	ug/Kg	mg/Kg	ug/Kg	mg/Kg	ug/Kg	mg/Kg	ug/Kg	mg/Kg	ug/Kg
	30	30	24	24	20	20	20	20	22	22	16	16
	32	32	25	25	20.9	20.9	22	22	22.75	22.75	17.4	17.4
1,2,4-Trichlorobenzene	NS	13000 U	NS	15000 U	NS	28000 U	NS	29000 U	NS	16000 U	NS	23000 U
1,2-Dichlorobenzene	NS	13000 U	NS	15000 U	NS	28000 U	NS	29000 U	NS	16000 U	NS	23000 U
1,3-Dichlorobenzene	NS	13000 U	NS	15000 U	NS	28000 U	NS	29000 U	NS	16000 U	NS	23000 U
1,4-Dichlorobenzene	NS	13000 U	NS	15000 U	NS	28000 U	NS	29000 U	NS	16000 U	NS	23000 U
2,4,5-Trichlorophenol	NS	32000 U	NS	36000 U	NS	67000 U	NS	70000 U	NS	38000 U	NS	56000 U
2,4,6-Trichlorophenol	NS	13000 U	NS	15000 U	NS	28000 U	NS	29000 U	NS	16000 U	NS	23000 U
2,4-Dimethylphenol	NS	13000 U	NS	15000 U	NS	28000 U	NS	29000 U	NS	16000 U	NS	23000 U
2-Butanone	NS	39 J	NS	200	NS	3200 J	NS	12000 J	NS	610 J	NS	8100
2-Hexanone	NS	83 U	NS	110 U	NS	2800 UJ	NS	2800 UJ	NS	32 J	NS	2000 U
2-Methylnaphthalene	NS	1700 J	NS	1200 J	NS	28000 U	NS	3100 J	NS	1900 J	NS	5100 J
2-Methylphenol (o-Cresol)	NS	13000 U	NS	15000 U	NS	28000 U	NS	29000 U	NS	16000 U	NS	23000 U
4,4'-DDD	NS	66 U	NS	75 U	NS	84 U	NS	86 U	NS	310 U	NS	70 U
4,4'-DDE	NS	66 U	NS	75 U	NS	84 U	NS	85 J	NS	310 U	NS	70 U
4,4'-DDT	NS	72	NS	75 U	NS	84 U	NS	86 U	NS	310 U	NS	70 U
4-Methyl-2-pentanone	NS	83 U	NS	110 U	NS	2800 UJ	NS	2800 UJ	NS	91 J	NS	2000 UJ
4-Methylphenol (p-Cresol)	NS	5000 J	NS	15000 U	NS	3700 J	NS	6000 J	NS	12000 J	NS	23000 U
Acetone	NS	28 J	NS	740 J	NS	2800 UJ	NS	2800 UJ	NS	1100	NS	2000 U
Aldrin	NS	34 U	NS	39 U	NS	95	NS	310	NS	450	NS	370
Alpha-BHC	NS	34 U	NS	39 U	NS	43 U	NS	44 U	NS	160 U	NS	36 U
Alpha-Chlordane	NS	34 U	NS	39 U	NS	43 U	NS	44 U	NS	1600 U	NS	36 U
Aluminum	8100	NS	13100	NS	18200	NS	11900	NS	9880	NS	15200	NS
Antimony	17.2 UJ	NS	11.8 UJ	NS	24.8 U	NS	25.3	NS	23.2 U	NS	16.6 U	NS
Arsenic	1.5 BJW	NS	2 B	NS	0.64 B	NS	1.6 B	NS	0.48 U	NS	1.3 BJ	NS
Barium	281	NS	67.1	NS	208	NS	30.1 B	NS	53 B	NS	132	NS
Benzene	NS	83 U	NS	110 U	NS	2800 UJ	NS	2800 UJ	NS	120 U	NS	2000 U
Benzo(a)anthracene	NS	13000 U	NS	15000 U	NS	28000 U	NS	29000 U	NS	16000 U	NS	23000 U
Beryllium	0.31 U	NS	0.21 U	NS	0.45 U	NS	0.37 U	NS	0.42 U	NS	0.3 U	NS
Beta-BHC	NS	34 U	NS	39 U	NS	NA R	NS	440 U	NS	1600 U	NS	NA R
beta-Chlordane	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
bis(2-Chloroethyl)ether	NS	13000 U	NS	15000 U	NS	28000 U	NS	29000 U	NS	16000 U	NS	23000 U
bis(2-Ethylhexyl)phthalate	NS	13000 U	NS	3200 J	NS	12000 JB	NS	4200 JB	NS	1500 JB	NS	4100 JB
Butylbenzylphthalate	NS	13000 U	NS	15000 U	NS	28000 U	NS	29000 U	NS	16000 U	NS	23000 U
Cadmium	0.96 U	NS	0.66 U	NS	1.4 U	NS	1.2 U	NS	1.3 U	NS	0.93 U	NS
Calcium	40200 *	NS	6850 *	NS	12100	NS	6370	NS	12400	NS	14000	NS
Carbon Disulfide	NS	83 U	NS	29 J	NS	2800 UJ	NS	2800 UJ	NS	46 J	NS	2000 U
Carbon Tetrachloride	NS	83 U	NS	110 U	NS	2800 UJ	NS	2800 UJ	NS	120 U	NS	2000 U
Chlorobenzene	NS	83 U	NS	110 U	NS	2800 UJ	NS	2800 UJ	NS	120 U	NS	2000 U
Chloroform	NS	83 U	NS	110 U	NS	2800 UJ	NS	2800 UJ	NS	31 J	NS	2000 U
Chromium	133	NS	26.4	NS	26.9	NS	22.2	NS	95.3	NS	54.2	NS
Chrysene	NS	13000 U	NS	15000 U	NS	28000 U	NS	29000 U	NS	16000 U	NS	23000 U
cis-1,3-Dichloropropene	NS	83 U	NS	110 U	NS	2800 UJ	NS	2800 UJ	NS	120 U	NS	2000 U
Cobalt	8.4 B	NS	2.2 B	NS	2.7 U	NS	2.3 U	NS	3 B	NS	2.3 B	NS
Copper	98.3	NS	46.1	NS	52.4	NS	113	NS	76.1	NS	59.9	NS
Cyanide	3.4 J	NS	0.36 BJ	NS	0.51 B	NS	6	NS	2.5	NS	4.9	NS
Delta-BHC	NS	34 UJ	NS	39 UJ	NS	43 U	NS	440 U	NS	160 U	NS	36 U
Diethyl phthalate	NS	13000 U	NS	15000 U	NS	28000 U	NS	29000 U	NS	16000 U	NS	23000 U
Di-n-butyl phthalate	NS	13000 U	NS	15000 U	NS	28000 U	NS	29000 U	NS	16000 U	NS	23000 U
Di-n-octyl phthalate	NS	13000 U	NS	15000 U	NS	1900 J	NS	29000 U	NS	16000 U	NS	3300 J

TABLE A-5  
Data Summary Table for Detected Constituents in Paper Residuals

Sample Locaton: Sample Date: Unit: Starting Depth (inches): Ending Depth (inches):	B2-1		B2-2		B2-3		B3-1		B3-2		B3-3	
	mg/Kg	ug/Kg	mg/Kg	ug/Kg	mg/Kg	ug/Kg	mg/Kg	ug/Kg	mg/Kg	ug/Kg	mg/Kg	ug/Kg
	30	30	24	24	20	20	20	20	22	22	16	16
	32	32	25	25	20.9	20.9	22	22	22.75	22.75	17.4	17.4
Endosulfan II	NS	66 U	NS	75 U	NS	84 U	NS	86 U	NS	310 U	NS	70 U
Endrin Aldehyde	NS	48 J	NS	75 U	NS	84 U	NS	86 U	NS	310 U	NS	70 U
Ethylbenzene	NS	14 J	NS	14 J	NS	2800 UJ	NS	2800 UJ	NS	72 J	NS	2000 U
Fluoranthene	NS	13000 U	NS	15000 U	NS	28000 U	NS	29000 U	NS	16000 U	NS	23000 U
Fluorene	NS	13000 U	NS	15000 U	NS	28000 U	NS	29000 U	NS	16000 U	NS	23000 U
Gamma-Chlordane	NS	34 U	NS	39 U	NS	43 U	NS	44 U	NS	160 U	NS	70 J
Iron	1110 *	NS	617 *	NS	1280	NS	2200	NS	827	NS	1380	NS
Lead	710 J	NS	101	NS	97.4	NS	106	NS	419	NS	222	NS
Magnesium	1260 B	NS	996 B	NS	1570 B	NS	723 B	NS	848 B	NS	1520 B	NS
Manganese	37.7 *	NS	13.3 *	NS	30	NS	15.5	NS	18.4	NS	45.9	NS
Mercury	2.4	NS	0.1 U	NS	0.16 B	NS	0.28	NS	0.1 U	NS	0.1 U	NS
Methylene Chloride	NS	83 U	NS	110 U	NS	2800 UJ	NS	2800 UJ	NS	160	NS	2000 U
Naphthalene	NS	13000 U	NS	8800 J	NS	18000 J	NS	29000 U	NS	16000 U	NS	22000 J
Nickel	6 B	NS	6.1 B	NS	84.7	NS	15 B	NS	88.8	NS	25.7	NS
Pentachlorophenol	NS	32000 U	NS	36000 U	NS	67000 U	NS	70000 U	NS	38000 UJ	NS	56000 U
Phenanthrene	NS	13000 U	NS	15000 U	NS	28000 U	NS	29000 U	NS	16000 U	NS	23000 U
Phenol	NS	13000 U	NS	15000 U	NS	28000 U	NS	29000 U	NS	16000 U	NS	23000 U
Potassium	258 U	NS	176 U	NS	371 U	NS	308 U	NS	347 U	NS	248 U	NS
Pyrene	NS	13000 U	NS	15000 U	NS	28000 U	NS	29000 U	NS	16000 U	NS	23000 U
Selenium	0.52 B	NS	0.6 UW	NS	0.43 UJ	NS	0.28 UJ	NS	0.34 UJ	NS	0.28 UJ	NS
Silver	1.9 U	NS	1.3 U	NS	2.7 U	NS	2.3 U	NS	2.6 U	NS	1.8 U	NS
Sodium	398 B	NS	321 B	NS	469 U	NS	389 U	NS	439 U	NS	314 U	NS
Styrene	NS	83 U	NS	110 U	NS	2800 UJ	NS	2800 UJ	NS	120 U	NS	2000 U
Tetrachloroethene	NS	83 U	NS	110 U	NS	2800 UJ	NS	2800 UJ	NS	120 U	NS	2000 U
Toluene	NS	42 J	NS	28 J	NS	2800 UJ	NS	2800 UJ	NS	96 J	NS	2000 U
Vanadium	11.1 B	NS	11.1 B	NS	8.7 B	NS	16.6 B	NS	14.2 B	NS	12.9 B	NS
Xylenes, Total	NS	12 J	NS	20 J	NS	2800 UJ	NS	2800 UJ	NS	230	NS	2000 U
Zinc	NA R	NS	NA R	NS	329 J	NS	380 J	NS	362 J	NS	1140 J	NS

Notes:  
NA - Not Available  
NS - Not Sampled  
mg/kg - milligrams per kilogram  
ug/kg - microgram per kilogram



**TABLE A-5**  
**Data Summary Table for Detected Constituents in Paper Residuals**

April 3, 2015

Sample Locaton: Sample Date: Unit: Starting Depth (inches): Ending Depth (inches):	BHDL-123 mg/Kg 8 9.5	BHDL-22 mg/Kg 10 12	BMP-2 mg/Kg 36 48	DLHB-1 mg/Kg 14 16	DLHB-2 mg/Kg 6 8	DLHB-3 mg/Kg 6 8	DLHB-6 mg/Kg 10 12	FLF-1 mg/Kg 6 6.5	MLSS-1 mg/Kg 14 15.5	MLSS-2 mg/Kg 20 22	MLSS-3 mg/Kg 18 20
1,2,4-Trichlorobenzene	46 U	9.4 U	2.5 U	2.8 U	3.7 U	1.9 U	2.1 UJ	8.8 U	1.4 U	13 U	13 U
1,2-Dichlorobenzene	46 U	9.4 U	2.5 U	2.8 U	3.7 U	1.9 U	2.1 UJ	8.8 U	1.4 U	13 U	13 U
1,3-Dichlorobenzene	46 U	9.4 U	2.5 U	2.8 U	3.7 U	1.9 U	2.1 UJ	8.8 U	1.4 U	13 U	13 U
1,4-Dichlorobenzene	46 U	9.4 U	2.5 U	2.8 U	3.7 U	1.9 U	2.1 UJ	8.8 U	1.4 U	13 U	13 U
2,4,5-Trichlorophenol	110 U	23 U	6 U	6.8 U	8.9 U	4.7 U	0.999 R	21 U	0.999 R	31 U	31 U
2,4,6-Trichlorophenol	46 U	9.4 U	2.5 U	2.8 U	3.7 U	1.9 U	0.999 R	8.8 U	0.999 R	13 U	13 U
2,4-Dimethylphenol	46 U	9.4 U	4.1	2.8 U	3.7 U	1.9 U	0.999 R	8.8 U	0.999 R	13 U	13 U
2-Butanone	0.34 J	0.13 J	0.12 U	0.17	0.71	0.13	0.012 U	0.017 UJ	0.68	3.9 UJ	0.16 J
2-Hexanone	0.12 UJ	0.086 UJ	0.12 U	0.036 U	0.041 J	0.029 U	0.012 U	0.017 UJ	0.14 U	3.9 UJ	0.17 U
2-Methylnaphthalene	21 J	2.2 J	1.4 J	2.8 U	3.7 U	2.3	1.3 J	2.4 J	0.18 J	2.8 J	3.4 J
2-Methylphenol (o-Cresol)	46 U	9.4 U	0.51 J	2.8 U	3.7 U	1.9 U	0.999 R	8.8 U	0.999 R	13 U	13 U
4,4'-DDD	0.18 U	0.999 R	0.087 U	0.014 U	0.0088 J	0.058 U	0.021 U	0.089 U	0.022 UJ	0.999 R	0.13 U
4,4'-DDE	0.36 JN	0.18 JN	0.999 R	0.014 U	0.0092 U	0.058 U	0.013 J	0.25 J	0.022 UJ	0.999 R	0.999 R
4,4'-DDT	0.41 Z	0.999 R	0.12 JN	0.014 U	0.0092 U	0.058 U	0.021 U	0.999 R	0.022 UJ	0.25 J	0.11 J
4-Methyl-2-pentanone	0.12 UJ	0.086 UJ	0.12 U	0.012 J	0.051 J	0.029 U	0.012 U	0.017 U	0.14 U	3.9 UJ	0.17 U
4-Methylphenol (p-Cresol)	16 J	5.9 J	0.42 J	2.7 J	3.7 U	0.37 J	2.1 UJ	8.8 U	0.999 R	2.1 J	2.7 J
Acetone	0.47 J	0.25 J	0.15	0.44 JB	1.3 JB	0.41 J	0.006 J	0.017 U	2.5 JB	3.9 UJ	0.46
Aldrin	0.094 U	0.049 U	0.045 U	0.0072 U	0.0047 U	0.03 U	0.13 Z	0.046 UJ	0.011 UJ	0.065 U	0.065 U
Alpha-BHC	0.094 UJ	0.049 UJ	0.045 U	0.0072 U	0.0093 J	0.03 U	0.011 UJ	0.046 U	0.011 UJ	0.065 U	0.065 U
Alpha-Chlordane	0.999 R	0.999 R	0.045 U	0.0072 U	0.0047 U	0.03 U	0.011 U	0.999 R	0.011 UJ	0.065 U	0.065 U
Aluminum	10400	16100	11100	15300	10300	10900	4360	7350	5780	6980	7200
Antimony	24.5 U	26.8 U	13.4 UN	15.4 UN	20.2 UN	16.6 UN	11.3 U	13 UJ	9.1 UN	22.2 UN	21.2 UN
Arsenic	3.2 B	1.2 B	9.5	1.1 B	0.8 B	1.3 B	23.7 JN	4.5	3.2	1.8 B	1.5 B
Barium	263	268	849	44.3 B	17.1 B	20.6 B	50.7	183	25 B	428	208
Benzene	0.066 J	0.032 J	0.12 U	0.036 U	0.12 U	0.029 U	0.012 U	0.017 U	0.14 U	3.9 UJ	0.034 J
Benzo(a)anthracene	46 U	9.4 U	2.5 U	2.8 U	3.7 U	1.9 U	2.1 UJ	8.8 U	1.4 U	13 U	13 U
Beryllium	0.44 U	0.48 U	0.37 B	0.28 U	0.36 U	0.3 U	0.22 B	0.23 U	0.17 B	0.4 U	0.38 U
Beta-BHC	0.094 U	0.049 U	0.045 U	0.0072 U	0.0047 U	0.03 U	0.999 R	0.046 U	0.011 UJ	0.065 U	0.065 U
beta-Chlordane	0.999 R	0.999 R	0.045 U	0.0072 U	0.0047 U	0.03 U	0.999 R	0.999 R	0.011 UJ	0.034 J	0.065 U
bis(2-Chloroethyl)ether	46 U	9.4 U	2.5 U	2.8 U	3.7 U	1.9 U	2.1 J	8.8 U	1.4 U	13 U	13 U
bis(2-Ethylhexyl)phthalate	46 U	9.4 U	0.58 J	2.8 U	3.7 U	1.1 J	2.1 UJ	0.63 J	1.4 U	13 U	13 U
Butylbenzylphthalate	46 U	9.4 U	2.5 U	2.8 U	3.7 U	1.9 U	2.1 UJ	8.8 U	1.4 U	13 U	13 U
Cadmium	1.4 U	1.5 U	3.7	0.86 U	1.1 U	0.93 U	0.63 U	0.73 U	0.51 U	1.3 B	1.2 U
Calcium	7410	9210	27400 *	5380 *	2510 *	22900 *	116000	47900 *	29600 *	8090 *	3540 *
Carbon Disulfide	0.034 J	0.019 J	0.022 J	0.013 J	0.043 J	0.015 J	0.001 J	0.017 U	0.073 J	3.9 UJ	0.043 J
Carbon Tetrachloride	0.12 UJ	0.086 UJ	0.12 U	0.036 U	0.12 U	0.029 U	0.012 U	0.017 U	0.14 U	3.9 UJ	0.17 U
Chlorobenzene	0.12 UJ	0.086 UJ	0.12 U	0.036 U	0.12 U	0.029 U	0.012 U	0.017 U	0.14 U	3.9 UJ	0.17 U
Chloroform	0.12 UJ	0.086 UJ	0.12 U	0.036 U	0.12 U	0.029 U	0.012 U	0.017 U	0.14 U	3.9 UJ	0.17 U
Chromium	118	157	212	13.7	9.6	12.2	14.9 *	36.6	7.4	78.7	100
Chrysene	46 U	9.4 U	2.5 U	2.8 U	3.7 U	1.9 U	2.1 UJ	8.8 U	1.4 U	13 U	13 U
cis-1,3-Dichloropropene	0.12 UJ	0.086 UJ	0.12 U	0.036 U	0.12 U	0.029 U	0.012 U	0.017 U	0.14 U	3.9 UJ	0.17 U
Cobalt	6.8 B	9.4 B	10.6 B	1.7 U	2.2 U	1.8 U	2.4 B	3.6 B	1.7 B	4 B	3.7 B
Copper	55.9 J	85.4 J	275 *	95.4 *	28.1 *	53.6 *	9.1	30.7	24.7 *	56.2 *	46.6 *
Cyanide	1.1 BJ	114 J	6.1	0.16 U	0.21 U	0.13 U	0.65	1.8 N*	0.1 U	14.5	2.3
Delta-BHC	0.094 U	0.999 R	0.999 R	0.0072 UJ	0.0047 UJ	0.03 U	0.011 U	0.046 U	0.011 UJ	0.999 R	0.999 R
Diethyl phthalate	46 U	9.4 U	2.5 U	2.8 U	3.7 U	1.9 U	2.1 UJ	8.8 U	1.4 U	13 U	13 U
Di-n-butyl phthalate	46 U	9.4 U	2.5 U	2.8 U	1 BJ	1.9 U	2.1 UJ	8.8 U	1.4 U	13 U	13 U
Di-n-octyl phthalate	46 U	9.4 U	2.5 U	2.8 U	3.7 U	1.9 U	2.1 UJ	8.8 U	1.4 U	13 U	13 U

TABLE A-5  
Data Summary Table for Detected Constituents in Paper Residuals

Sample Locaton: Sample Date: Unit: Starting Depth (inches): Ending Depth (inches):	BHDL-123	BHDL-22	BMP-2	DLHB-1	DLHB-2	DLHB-3	DLHB-6	FLF-1	MLSS-1	MLSS-2	MLSS-3
	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg
	8	10	36	14	6	6	10	6	14	20	18
	9.5	12	48	16	8	8	12	6.5	15.5	22	20
Endosulfan II	0.18 U	0.094 U	0.087 U	0.014 U	0.0092 U	0.058 U	0.021 U	0.089 U	0.022 UJ	0.13 U	0.13 U
Endrin Aldehyde	0.18 U	0.094 U	0.071 J	0.014 U	0.0092 U	0.058 U	0.021 U	0.089 U	0.022 UJ	0.13 U	0.13 U
Ethylbenzene	0.12 UJ	0.086 UJ	0.12 U	0.036 U	0.049 J	0.011 J	0.012 U	0.017 U	0.14 U	3.9 UJ	0.17 U
Fluoranthene	46 U	9.4 U	2.5 U	2.8 U	3.7 U	1.9 U	2.1 UJ	8.8 U	1.4 U	13 U	13 U
Fluorene	46 U	9.4 U	2.5 U	2.8 U	3.7 U	0.4 J	0.18 J	8.8 U	1.4 U	13 U	13 U
Gamma-Chlordane	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Iron	816	1490	8790 *	2400 *	1620 *	1960 *	15500	8990 *	5120 *	2090 *	1160 *
Lead	730	907	1440	16.5 N*	12.3 N*	18.9 N*	30.8	146 J	15.1 N*	458	547
Magnesium	897 B	1240 B	2310	555 B	579 B	725 B	65000 *	17200 *	5520	1420 B	671 B
Manganese	16.2	26.4	167 *	8.8 *	10.6 *	38.5 *	615	189 J	195 *	39.8 *	39.7 *
Mercury	2.8 JN	4.4 JN	2.6	0.08 U	0.1 U	0.07 U	0.08 B	0.75	0.06 B	0.55	1.6
Methylene Chloride	0.03 J	0.086 UJ	0.12 U	0.036 U	0.12 U	0.029 U	0.012 U	0.017 U	0.14 U	3.9 UJ	0.17 U
Naphthalene	46 U	9.4 U	0.28 J	2.8 U	3.7 U	1.9 U	2.1 UJ	8.8 U	1.4 U	13 U	13 U
Nickel	3.7 U	4.8 B	11.3	5 B	3 U	3.3 B	6.6 B	8.3 B	5.3 B	7.6 B	5.3 B
Pentachlorophenol	110 U	23 U	6 U	6.8 UJ	8.9 UJ	4.7 UJ	0.999 R	21 U	0.999 R	31 UJ	31 UJ
Phenanthrene	7.2 J	2 J	1.4 J	2.8 U	3.7 U	1.3 J	0.34 J	0.64 J	1.4 U	13 U	13 U
Phenol	46 U	9.4 U	0.78 J	2.8 U	3.7 U	1.9 U	0.999 R	8.8 U	0.999 R	13 U	13 U
Potassium	367 U	401 U	283 B	231 U	302 U	248 U	699 B	425 B	255 B	333 U	317 U
Pyrene	46 U	9.4 U	2.5 U	2.8 U	3.7 U	1.9 U	2.1 UJ	8.8 U	1.4 U	13 U	13 U
Selenium	0.48 U	0.61 U	1.6 B	0.51 U	0.75 U	0.41 U	0.38 BJWN	0.21 UJ	0.43 B	0.9 U	0.58 U
Silver	2.7 U	2.9 U	2.1 B	1.7 U	2.2 U	1.8 U	1.2 U	1.4 U	1 U	2.4 U	2.3 U
Sodium	464 U	1140 B	253 U	292 U	382 U	314 U	214 U	245 U	237 B	759 B	400 U
Styrene	0.12 UJ	0.086 UJ	0.12 U	0.036 U	0.12 U	0.029 U	0.012 U	0.017 U	0.14 U	3.9 UJ	0.17 U
Tetrachloroethene	0.12 UJ	0.086 UJ	0.12 U	0.036 U	0.12 U	0.029 U	0.012 U	0.017 U	0.024 J	3.9 UJ	0.026 J
Toluene	0.51 J	0.11 J	0.12 U	0.012 J	0.025 J	0.007 J	0.012 U	0.017 U	0.067 J	3.9 UJ	0.92
Vanadium	14 B	21 B	16	19.3	14.9 B	13.3 B	22.4	17.1	8.5 B	8.7 B	8.4 B
Xylenes, Total	0.18 J	0.05 J	0.031 J	0.036 U	0.059 J	0.029 U	0.012 U	0.009 J	0.094 J	3.9 UJ	0.12 J
Zinc	247	263	470 N*	216 N*	56.6 N*	163 N*	20.9	74.3	95.9 N*	241 N*	198 N*

Notes:  
NA - Not Available  
NS - Not Sampled  
mg/kg - milligrams per kilogram  
ug/kg - microgram per kilogram

TABLE A-5  
Data Summary Table for Detected Constituents in Paper Residuals

Sample Locaton: Sample Date: Unit: Starting Depth (inches): Ending Depth (inches):	MLSS-4	MLSS-5	MW-10-A		MW-120B	MW-121B	MW-125B	MW-126A	MW-2B		MW-4B	
	mg/Kg	mg/Kg	mg/Kg	ug/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	ug/Kg	mg/Kg	ug/Kg
	18	22	36	36	18	16	18	14	3.1	3.1	2	2
	20	24	38	38	19	17.5	19	16	4.6	4.6	4	4
1,2,4-Trichlorobenzene	5.3 U	12 U	NS	1100 U	1.6 U	2.2 U	9.2 U	3.6 U	NS	1200 U	NS	680 U
1,2-Dichlorobenzene	5.3 U	12 U	NS	1100 U	1.6 U	2.2 U	9.2 U	3.6 U	NS	1200 U	NS	680 U
1,3-Dichlorobenzene	5.3 U	12 U	NS	1100 U	1.6 U	2.2 U	9.2 U	3.6 U	NS	1200 U	NS	680 U
1,4-Dichlorobenzene	5.3 U	12 U	NS	1100 U	1.6 U	2.2 U	9.2 U	3.6 U	NS	1200 U	NS	680 U
2,4,5-Trichlorophenol	13 U	30 U	NS	2600 U	3.9 U	5.3 U	22 U	0.999 R	NS	2800 U	NS	1600 U
2,4,6-Trichlorophenol	5.3 U	12 U	NS	1100 U	1.6 U	2.2 U	9.2 U	0.999 R	NS	1200 U	NS	260 J
2,4-Dimethylphenol	5.3 U	12 U	NS	1100 U	1.6 U	2.2 U	9.2 U	0.999 R	NS	1200 U	NS	680 U
2-Butanone	3.8 UJ	4 UJ	NS	120 U	2.1 U	2.4 U	3.3 U	3.3 U	NS	100 U	NS	14 U
2-Hexanone	3.8 UJ	4 UJ	NS	120 U	2.1 U	2.4 U	3.3 UJ	3.3 U	NS	100 U	NS	14 U
2-Methylnaphthalene	2.7 J	4.1 J	NS	1100 U	0.5 J	2.2 U	2 J	1.3 J	NS	310 J	NS	680 U
2-Methylphenol (o-Cresol)	5.3 U	12 U	NS	1100 U	1.6 U	2.2 U	9.2 U	0.999 R	NS	1200 U	NS	680 U
4,4'-DDD	0.053 U	0.06 U	NS	5.4 U	0.49 U	0.066 U	0.091 U	0.091 U	NS	57 UJ	NS	10 U
4,4'-DDE	0.053 U	0.06 U	NS	5.4 U	0.49 U	0.066 U	0.091 U	0.091 U	NS	180 ZJ	NS	NA R
4,4'-DDT	0.073 J	0.096 J	NS	5.4 U	0.49 U	0.07	0.12	0.067 JN	NS	57 UJ	NS	10 U
4-Methyl-2-pentanone	3.8 UJ	4 UJ	NS	120 U	2.1 U	2.4 U	3.3 UJ	3.3 U	NS	100 U	NS	14 U
4-Methylphenol (p-Cresol)	4.7 J	2.3 J	NS	370 J	1.6 U	2.2 U	9.2 U	0.999 R	NS	1200 U	NS	680 U
Acetone	3.8 UJ	4 UJ	NS	620	2.1 UJ	2.4 UJ	3.3 UJ	3.3 UJ	NS	180	NS	14 U
Aldrin	0.027 U	0.031 U	NS	2.8 U	0.25 U	0.034 U	0.047 U	0.047 U	NS	420 ZJ	NS	13 Z
Alpha-BHC	0.027 U	0.031 U	NS	2.8 U	0.25 U	0.034 U	0.047 U	0.047 U	NS	30 UJ	NS	5.2 UJ
Alpha-Chlordane	0.027 U	0.031 U	NS	2.8 U	0.25 U	0.034 U	0.047 U	0.047 U	NS	30 UJ	NS	20 ZJ
Aluminum	4510	4670	4530	NS	12600	7060	6180	8870	8930	NS	10400	NS
Antimony	32.4 UN	23.9 UN	12.4 UJ	NS	12.8 UN	19.5 UN	16.9 UN	21.1 UN	15.9 UJN	NS	14.8 UJN	NS
Arsenic	1.5 B	1.3 B	3.7 J	NS	1.8 B	2.8 B	1.7 B	1.8 B	6.4	NS	7.6	NS
Barium	548	486	27.1 B	NS	101	117	67.9	105	186	NS	164	NS
Benzene	3.8 UJ	4 UJ	NS	120 U	2.1 U	2.4 U	3.3 UJ	3.3 U	NS	100 U	NS	14 U
Benzo(a)anthracene	5.3 U	12 U	NS	1100 U	1.6 U	2.2 U	9.2 U	3.6 U	NS	64 J	NS	680 U
Beryllium	0.58 U	0.43 U	0.22 U	NS	0.23 U	0.35 U	0.3 U	0.38 U	0.73 B	NS	2.4	NS
Beta-BHC	0.027 U	0.031 U	NS	2.8 U	0.25 U	0.034 U	0.047 U	0.047 U	NS	NA R	NS	5.2 U
beta-Chlordane	0.027 U	0.031 U	NS	NS	0.25 U	0.999 R	0.047 U	0.047 U	NS	NS	NS	NS
bis(2-Chloroethyl)ether	5.3 U	12 U	NS	1100 U	1.6 U	2.2 U	9.2 U	3.6 U	NS	1200 U	NS	680 U
bis(2-Ethylhexyl)phthalate	1.3 J	3.1 J	NS	4800	0.28 J	2.2 U	9.2 U	3.6 U	NS	460 J	NS	680 U
Butylbenzylphthalate	5.3 U	12 U	NS	1100 U	1.6 U	2.2 U	9.2 U	3.6 U	NS	1200 U	NS	680 U
Cadmium	1.8 U	1.3 U	0.69 U	NS	0.71 U	1.1 U	0.95 U	1.6 B	0.89 U	NS	0.83 U	NS
Calcium	22900 *	13900 *	70800 *	NS	15100 *	9270 *	855 B*	2150 *	27500	NS	3310	NS
Carbon Disulfide	3.8 UJ	4 UJ	NS	120 U	2.1 U	2.4 U	3.3 U	3.3 U	NS	18 J	NS	14 U
Carbon Tetrachloride	3.8 J	4 UJ	NS	120 U	2.1 U	2.4 U	3.3 UJ	3.3 U	NS	100 U	NS	14 U
Chlorobenzene	3.8 UJ	4 UJ	NS	120 U	2.1 U	2.4 U	3.3 UJ	3.3 U	NS	100 U	NS	14 U
Chloroform	3.8 UJ	4 UJ	NS	120 U	2.1 U	2.4 U	3.3 U	3.3 U	NS	100 U	NS	14 U
Chromium	82	85.9	9.9	NS	30.8	56.7	85.1	68.7	18.3	NS	21.2	NS
Chrysene	5.3 U	12 U	NS	1100 U	1.6 U	2.2 U	9.2 U	3.6 U	NS	84 J	NS	680 U
cis-1,3-Dichloropropene	3.8 UJ	4 UJ	NS	120 U	2.1 U	2.4 U	3.3 UJ	3.3 U	NS	100 U	NS	14 U
Cobalt	3.6 U	2.6 U	3.9 B	NS	6.4 B	2.6 B	3.4 B	2.3 U	5.5 B	NS	3.9 B	NS
Copper	33.8 *	43.8 *	34.6	NS	48.2 *	49.6 *	76.5 *	54.1 *	86.1	NS	89.6	NS
Cyanide	6.5	7.4	0.53 B	NS	1.2	1.2	2.6	5.3	0.67 B	NS	0.12 U	NS
Delta-BHC	0.999 R	0.999 R	NS	2.8 UJ	0.25 UJ	0.034 UJ	0.999 R	0.043 JN	NS	30 UJ	NS	5.2 U
Diethyl phthalate	5.3 U	12 U	NS	1100 U	1.6 U	2.2 U	9.2 U	3.6 U	NS	1200 U	NS	460 J
Di-n-butyl phthalate	5.3 U	12 U	NS	1100 U	1.6 U	2.2 U	9.2 U	3.6 U	NS	1200 U	NS	54 J
Di-n-octyl phthalate	5.3 U	12 U	NS	1100 U	1.6 U	2.2 U	9.2 U	3.6 U	NS	1200 U	NS	680 U

TABLE A-5  
Data Summary Table for Detected Constituents in Paper Residuals

Sample Locaton: Sample Date: Unit: Starting Depth (inches): Ending Depth (inches):	MLSS-4	MLSS-5	MW-10-A		MW-120B	MW-121B	MW-125B	MW-126A	MW-2B		MW-4B	
	mg/Kg	mg/Kg	mg/Kg	ug/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	ug/Kg	mg/Kg	ug/Kg
	18	22	36	36	18	16	18	14	3.1	3.1	2	2
	20	24	38	38	19	17.5	19	16	4.6	4.6	4	4
Endosulfan II	0.053 U	0.06 U	NS	5.4 U	0.49 U	0.066 U	0.091 U	0.091 U	NS	57 UJ	NS	NA R
Endrin Aldehyde	0.053 U	0.047 JN	NS	5.4 U	0.49 U	0.04 JN	0.091 U	0.091 U	NS	NA R	NS	10 U
Ethylbenzene	3.8 UJ	4 UJ	NS	16 J	2.1 U	2.4 U	3.3 UJ	3.3 U	NS	100 U	NS	14 U
Fluoranthene	5.3 U	12 U	NS	1100 U	1.6 U	0.3 J	9.2 U	3.6 U	NS	70 J	NS	680 U
Fluorene	5.3 U	12 U	NS	1100 U	1.6 U	2.2 U	9.2 U	3.6 U	NS	1200 U	NS	680 U
Gamma-Chlordane	NS	NS	NS	2.8 U	NS	NS	NS	NS	NS	30 UJ	NS	22 Z
Iron	1020 *	1160 *	11000 *	NS	5070 *	2580 *	1010 *	1210 *	4920	NS	3730	NS
Lead	390	371	19.9 J*	NS	62.1 N*	303	395	407	335	NS	32.6	NS
Magnesium	641 B	597 B	12100	NS	4010	2030	393 B	609 B	1610	NS	609 B	NS
Manganese	42.6 *	39.2 *	293 *	NS	63.8 *	53.3 *	22.8 *	23.9 *	98.7	NS	45.6	NS
Mercury	2	1.8	0.07 U	NS	0.24	1	1.1	0.59	0.36	NS	0.11 B	NS
Methylene Chloride	3.8 UJ	4 UJ	NS	120 U	2.1 U	2.4 U	3.3 U	3.3 U	NS	100 U	NS	14 U
Naphthalene	0.73 J	1 J	NS	1200	1.6 U	2.2 U	9.2 U	3.6 U	NS	92 J	NS	680 U
Nickel	9.1 B	8.2 B	8.2 B	NS	16.7	4.4 B	7.9 B	3.7 B	8.1 B	NS	8.1 B	NS
Pentachlorophenol	13 U	30 U	NS	2600 U	3.9 UJ	5.3 UJ	22 U	0.999 R	NS	2800 U	NS	1600 U
Phenanthrene	0.54 J	12 U	NS	1100 U	1.6 U	0.59 J	9.2 U	0.37 J	NS	64 J	NS	680 U
Phenol	5.3 U	12 U	NS	1100 U	1.6 U	2.2 U	9.2 U	0.999 R	NS	1200 U	NS	680 U
Potassium	484 U	357 U	305 B	NS	270 B	403 B	253 U	419 B	239 U	NS	221 U	NS
Pyrene	5.3 U	12 U	NS	1100 U	1.6 U	2.2 U	9.2 U	3.6 U	NS	230 J	NS	680 U
Selenium	0.66 U	0.98 U	0.82 B	NS	0.4 BW	0.46 U	0.58 U	0.74 U	3.1	NS	0.48 BWJ	NS
Silver	3.6 U	2.6 U	1.4 U	NS	1.4 U	2.1 U	1.9 U	2.3 U	1.8 U	NS	1.6 U	NS
Sodium	612 U	451 U	234 U	NS	241 U	497 B	319 U	398 U	301 U	NS	280 U	NS
Styrene	3.8 UJ	4 UJ	NS	120 U	2.1 U	2.4 U	3.3 UJ	3.3 U	NS	100 U	NS	14 U
Tetrachloroethene	3.8 UJ	4 UJ	NS	120 U	2.1 U	2.4 U	3.3 UJ	3.3 U	NS	100 U	NS	14 U
Toluene	3.8 UJ	4 UJ	NS	120 U	2.1 U	0.93 J	3.3 UJ	3.3 U	NS	100 U	NS	14 U
Vanadium	5.4 B	4.9 B	11.6 B	NS	12.4 B	10.9 B	7.3 B	10.1 B	18.2	NS	23.3	NS
Xylenes, Total	3.8 UJ	4 UJ	NS	33 J	2.1 U	2.4 U	3.3 UJ	3.3 U	NS	84 J	NS	14 U
Zinc	451 N*	249 N*	NA R	NS	187 N*	548 N*	317 N*	141 N*	383	NS	398	NS

Notes:  
NA - Not Available  
NS - Not Sampled  
mg/kg - milligrams per kilogram  
ug/kg - microgram per kilogram

TABLE A-5  
Data Summary Table for Detected Constituents in Paper Residuals

Sample Locaton: Sample Date: Unit: Starting Depth (inches): Ending Depth (inches):	MW-9A		SB-1		SB-2 (1)		SB-2 (2)		SB-4		SB-6 (1)	
	mg/Kg	ug/Kg	mg/Kg	ug/Kg	mg/Kg	ug/Kg	mg/Kg	ug/Kg	mg/Kg	ug/Kg	mg/Kg	ug/Kg
	20	20	26	26	22	22	22	22	26	26	20	20
	22	22	28	28	24	24	24	24	28	28	22	22
1,2,4-Trichlorobenzene	NS	4100 U	NS	33000 U	NS	2000 U	NS	5900 U	NS	70000 U	NS	12000 U
1,2-Dichlorobenzene	NS	4100 U	NS	33000 U	NS	2000 U	NS	5900 U	NS	70000 U	NS	12000 U
1,3-Dichlorobenzene	NS	4100 U	NS	33000 U	NS	2000 U	NS	5900 U	NS	70000 U	NS	12000 U
1,4-Dichlorobenzene	NS	4100 U	NS	33000 U	NS	2000 U	NS	5900 U	NS	70000 U	NS	12000 U
2,4,5-Trichlorophenol	NS	9900 U	NS	81000 U	NS	5800 J	NS	4800 U	NS	170000 U	NS	30000 U
2,4,6-Trichlorophenol	NS	4100 U	NS	33000 U	NS	2000 U	NS	5900 U	NS	70000 U	NS	12000 U
2,4-Dimethylphenol	NS	4100 U	NS	33000 U	NS	2000 U	NS	5900 U	NS	70000 U	NS	12000 U
2-Butanone	NS	3200 U	NS	98 0	NS	14 J	NS	480	NS	95 J	NS	2000 U
2-Hexanone	NS	3200 U	NS	85 U	NS	15 U	NS	88 U	NS	100 U	NS	2000 U
2-Methylnaphthalene	NS	3100 J	NS	11000 J	NS	190 J	NS	5900 U	NS	17000 J	NS	2600 J
2-Methylphenol (o-Cresol)	NS	4100 U	NS	33000 U	NS	2000 U	NS	5900 U	NS	70000 U	NS	12000 U
4,4'-DDD	NS	82 U	NS	67 UJ	NS	40 U	NS	60 U	NS	35 UJ	NS	62 U
4,4'-DDE	NS	82 U	NS	180 PZJN	NS	60 U	NS	56 ZJ	NS	91 ZJ	NS	51 PZJN
4,4'-DDT	NS	82 U	NS	NA R	NS	40 U	NS	60 U	NS	35 UJ	NS	67 PZJN
4-Methyl-2-pentanone	NS	3200 U	NS	85 U	NS	15 U	NS	88 U	NS	100 U	NS	2000 U
4-Methylphenol (p-Cresol)	NS	1100 J	NS	33000 U	NS	5000	NS	26000	NS	70000 U	NS	1800 J
Acetone	NS	3200 UJ	NS	140 B	NS	2500 E	NS	38	NS	69 J	NS	2000 U
Aldrin	NS	42 U	NS	35 UJ	NS	31 U	NS	110 Z	NS	160 ZJ	NS	32 U
Alpha-BHC	NS	42 U	NS	35 UJ	NS	21 UJ	NS	31 UJ	NS	18 UJ	NS	32 UJ
Alpha-Chlordane	NS	42 U	NS	NA R	NS	21 U	NS	31 U	NS	18 UJ	NS	NA R
Aluminum	12700	NS	11100 *	NS	6120	NS	7430	NS	8450 J	NS	12900 *	NS
Antimony	24.9 UJ	NS	14.5 U	NS	7.8 UJN	NS	12.8 UJN	NS	14.1 UJN	NS	10 U	NS
Arsenic	1.6 B	NS	1.5 B	NS	0.57 B	NS	1.1 B	NS	0.61 BJ	NS	0.71 B	NS
Barium	57.8 B	NS	100 JN*	NS	26.4 B	NS	292	NS	476 J	NS	155 JN*	NS
Benzene	NS	3200 U	NS	85 U	NS	15 U	NS	88 U	NS	60 J	NS	2000 U
Benzo(a)anthracene	NS	4100 U	NS	33000 U	NS	2000 U	NS	5900 U	NS	70000 U	NS	12000 U
Beryllium	0.45 U	NS	0.26 U	NS	0.15 B	NS	0.23 U	NS	0.25 UJ	NS	0.31 B	NS
Beta-BHC	NS	42 U	NS	35 UJ	NS	31 U	NS	26 ZJ	NS	180 U	NS	32 U
beta-Chlordane	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
bis(2-Chloroethyl)ether	NS	4100 U	NS	33000 U	NS	2000 U	NS	5900 U	NS	70000 U	NS	12000 U
bis(2-Ethylhexyl)phthalate	NS	1000 J	NS	33000 U	NS	2000 U	NS	5900 U	NS	3900 JB	NS	12000 U
Butylbenzylphthalate	NS	4100 U	NS	33000 U	NS	2000 U	NS	5900 U	NS	70000 U	NS	12000 U
Cadmium	1.4 U	NS	0.81 UJ	NS	0.44 U	NS	0.72 U	NS	0.79 UJ	NS	0.56 UJ	NS
Calcium	9410 *	NS	10300 *	NS	3880	NS	38000	NS	43000 J	NS	7740 *	NS
Carbon Disulfide	NS	3200 U	NS	95	NS	5 J	NS	67 J	NS	100 U	NS	2000 U
Carbon Tetrachloride	NS	3200 U	NS	85 U	NS	15 U	NS	88 U	NS	100 U	NS	2000 U
Chlorobenzene	NS	3200 U	NS	85 U	NS	15 U	NS	88 U	NS	100 U	NS	2000 U
Chloroform	NS	3200 U	NS	85 U	NS	15 U	NS	88 U	NS	100 U	NS	2000 U
Chromium	32.3	NS	42.3 *	NS	12	NS	71.6	NS	173 J	NS	46.1 *	NS
Chrysene	NS	4100 U	NS	33000 U	NS	2000 U	NS	5900 U	NS	70000 U	NS	12000 U
cis-1,3-Dichloropropene	NS	3200 U	NS	85 U	NS	15 U	NS	88 U	NS	100 U	NS	2000 U
Cobalt	3.3 B	NS	6.6 B	NS	5.2 B	NS	1.4 U	NS	9.2 BJ	NS	5.6 B	NS
Copper	45.8	NS	279 JN*	NS	47.3	NS	80.7	NS	108 J	NS	110 JN*	NS
Cyanide	1.6	NS	7.9 J*	NS	0.56 B	NS	1.3	NS	4.7 U	NS	5.9 J*	NS
Delta-BHC	NS	42 UJ	NS	35 UJ	NS	21 U	NS	31 U	NS	180 U	NS	32 U
Diethyl phthalate	NS	4100 U	NS	33000 U	NS	2000 U	NS	5900 U	NS	70000 U	NS	12000 U
Di-n-butyl phthalate	NS	5700 B	NS	33000 U	NS	2000 U	NS	5900 U	NS	70000 U	NS	12000 U
Di-n-octyl phthalate	NS	1700 J	NS	33000 U	NS	2000 U	NS	5900 U	NS	70000 U	NS	12000 U

TABLE A-5  
Data Summary Table for Detected Constituents in Paper Residuals

Sample Locaton: Sample Date: Unit: Starting Depth (inches): Ending Depth (inches):	MW-9A		SB-1		SB-2 (1)		SB-2 (2)		SB-4		SB-6 (1)	
	mg/Kg	ug/Kg	mg/Kg	ug/Kg	mg/Kg	ug/Kg	mg/Kg	ug/Kg	mg/Kg	ug/Kg	mg/Kg	ug/Kg
	20	20	26	26	22	22	22	22	26	26	20	20
	22	22	28	28	24	24	24	24	28	28	22	22
Endosulfan II	NS	82 U	NS	67 UJ	NS	40 U	NS	60 U	NS	35 UJ	NS	62 U
Endrin Aldehyde	NS	82 U	NS	67 UJ	NS	24 JZ	NS	60 U	NS	35 UJ	NS	62 U
Ethylbenzene	NS	3200 U	NS	59 J	NS	8 J	NS	90	NS	59 J	NS	2000 U
Fluoranthene	NS	4100 U	NS	33000 U	NS	2000 U	NS	5900 U	NS	70000 U	NS	12000 U
Fluorene	NS	4100 U	NS	33000 U	NS	2000 U	NS	5900 U	NS	70000 U	NS	12000 U
Gamma-Chlordane	NS	42 U	NS	NA R	NS	21 U	NS	31 U	NS	18 UJ	NS	NA R
Iron	1040 *	NS	2210 *	NS	1150	NS	4510	NS	1320 J	NS	3110 *	NS
Lead	167 J*	NS	187 JN*	NS	9.7	NS	371	NS	946 J	NS	140 JN*	NS
Magnesium	1430 B	NS	1140 B*	NS	688 B	NS	1280	NS	1510 J	NS	1140 *	NS
Manganese	34.3 *	NS	34.1 JN*	NS	20.4	NS	116	NS	71.5 J	NS	70.2 JN*	NS
Mercury	0.15 B	NS	1.4 *	NS	0.07 U	NS	0.74	NS	5.2 J	NS	0.63 *	NS
Methylene Chloride	NS	3200 U	NS	14 JB	NS	15 U	NS	88 U	NS	100 U	NS	2000 U
Naphthalene	NS	29000	NS	33000 U	NS	130 J	NS	560 J	NS	70000 U	NS	12000 U
Nickel	12.4 B	NS	3.8 B	NS	2.1 B	NS	5.4 B	NS	2.7 BJ	NS	3 B	NS
Pentachlorophenol	NS	9900 U	NS	81000 U	NS	13000 J	NS	4800 U	NS	170000 U	NS	30000 U
Phenanthrene	NS	4100 U	NS	33000 U	NS	2000 U	NS	5900 U	NS	70000 U	NS	12000 U
Phenol	NS	4100 U	NS	33000 U	NS	2000 U	NS	5900 U	NS	70000 U	NS	12000 U
Potassium	372 U	NS	247 B	NS	117 U	NS	191 U	NS	211 UJ	NS	174 B	NS
Pyrene	NS	4100 U	NS	33000 U	NS	2000 U	NS	5900 U	NS	70000 U	NS	12000 U
Selenium	0.53 UW	NS	0.45 U	NS	0.33 U	NS	0.19 UJW	NS	0.25 UJW	NS	0.46 U	NS
Silver	2.7 U	NS	1.6 U	NS	1.6 B	NS	0.86 U	NS	1.6 UJ	NS	1.1 U	NS
Sodium	470 U	NS	273 U	NS	148 U	NS	242 U	NS	519 BJ	NS	190 U	NS
Styrene	NS	3200 U	NS	85 U	NS	41 J	NS	15 U	NS	100 U	NS	2000 U
Tetrachloroethene	NS	3200 U	NS	85 U	NS	18 J	NS	15 U	NS	100 U	NS	2000 U
Toluene	NS	3200 U	NS	47 J	NS	14 J	NS	74 J	NS	42 J	NS	2000 U
Vanadium	12.5 B	NS	18	NS	11.7 B	NS	9.3	NS	12.1 BJ	NS	20.8 J	NS
Xylenes, Total	NS	3200 U	NS	350	NS	10 J	NS	180	NS	390	NS	2000 U
Zinc	NA R	NS	697 JN*	NS	170	NS	421	NS	312 J	NS	381 JN*	NS

Notes:  
NA - Not Available  
NS - Not Sampled  
mg/kg - milligrams per kilogram  
ug/kg - microgram per kilogram

TABLE A-5  
Data Summary Table for Detected Constituents in Paper Residuals

Sample Locaton: Sample Date: Unit: Starting Depth (inches): Ending Depth (inches):	SB-6 (2)		SB-7		T-MW-1		T-MW-3		T-MW-5		WA-1	WA-2
	mg/Kg	ug/Kg	mg/Kg	ug/Kg	mg/Kg	ug/Kg	mg/Kg	ug/Kg	mg/Kg	ug/Kg	mg/Kg	mg/Kg
	20	20	24	24	6	6	2	2	0	0	12	12
	22	22	26	26	8	8	4	4	2	2	13	14
1,2,4-Trichlorobenzene	NS	14000 U	NS	89000 U	NS	1200 U	NS	1200 U	NS	1800 U	3.7 U	2 U
1,2-Dichlorobenzene	NS	14000 U	NS	89000 U	NS	1200 U	NS	1200 U	NS	1800 U	3.7 U	2 U
1,3-Dichlorobenzene	NS	14000 U	NS	89000 U	NS	1200 U	NS	1200 U	NS	1800 U	3.7 U	2 U
1,4-Dichlorobenzene	NS	14000 U	NS	89000 U	NS	1200 U	NS	1200 U	NS	1800 U	3.7 U	2 U
2,4,5-Trichlorophenol	NS	34000 U	NS	220000 U	NS	2800 U	NS	2800 U	NS	4500 U	8.9 U	4.9 U
2,4,6-Trichlorophenol	NS	14000 U	NS	89000 U	NS	1200 U	NS	1200 U	NS	1800 U	3.7 U	2 U
2,4-Dimethylphenol	NS	14000 U	NS	89000 U	NS	1200 U	NS	1200 U	NS	1800 U	3.7 U	2 U
2-Butanone	NS	2100 U	NS	2300 U	NS	15 U	NS	96 U	NS	17 U	2.2 J	0.36 J
2-Hexanone	NS	2100 U	NS	2300 U	NS	15 U	NS	96 U	NS	17 U	0.29	0.011 J
2-Methylnaphthalene	NS	3200 J	NS	12000 J	NS	1200 U	NS	240 J	NS	1800 U	0.54 J	2 U
2-Methylphenol (o-Cresol)	NS	14000 U	NS	89000 U	NS	1200 U	NS	1200 U	NS	1800 U	3.7 U	2 U
4,4'-DDD	NS	70 UJ	NS	150 JZ	NS	31 PZJ	NS	46 UJ	NS	56 UJ	0.046 U	0.0062 U
4,4'-DDE	NS	70 UJ	NS	180 U	NS	47 U	NS	42 JZ	NS	230 ZJ	0.046 U	0.0038 JZ
4,4'-DDT	NS	63 Z	NS	600 Z	NS	160 PZJN	NS	46 UJ	NS	56 UJ	0.046 U	0.0062 U
4-Methyl-2-pentanone	NS	2100 U	NS	2300 U	NS	15 U	NS	96 U	NS	17 U	0.068 U	0.018 J
4-Methylphenol (p-Cresol)	NS	14000 U	NS	5900 J	NS	1200 U	NS	1200 U	NS	1800 U	3.7 U	1.5 J
Acetone	NS	2100 U	NS	2300 U	NS	43 B	NS	150	NS	36	2.4 J	0.59 D
Aldrin	NS	36 UJ	NS	92 U	NS	24 U	NS	130 ZJ	NS	510 ZJ	0.07 J	0.0032 Z
Alpha-BHC	NS	36 UJ	NS	92 UJ	NS	24 UJ	NS	24 UJ	NS	29 UJ	0.024 U	0.0032 U
Alpha-Chlordane	NS	66 Z	NS	920 UD	NS	130 PZJN	NS	24 UJ	NS	29 UJ	0.024 U	0.0032 U
Aluminum	12700 J*	NS	8780 J*	NS	5800 J*	NS	7140	NS	9780	NS	8860	12200
Antimony	10.8 UJ	NS	23.9 UJ	NS	13.6 UJ	NS	12 UJN	NS	15.1 UJN	NS	15.3 UN	13.9
Arsenic	3.1 BJ	NS	0.9 BJ	NS	1.4 BJ	NS	2.3	NS	0.8 B	NS	2.7 B	2.3 B
Barium	255 JN*	NS	357 JN*	NS	379 JN*	NS	796	NS	613	NS	13.2 B	11.6 B
Benzene	NS	2100 U	NS	2300 U	NS	15 U	NS	96 U	NS	17 U	0.068 U	0.04 U
Benzo(a)anthracene	NS	14000 U	NS	89000 U	NS	1200 U	NS	1200 U	NS	1800 U	3.7 U	2 U
Beryllium	0.29 BJ	NS	0.43 UJ	NS	0.24 UJ	NS	0.22 U	NS	0.27 U	NS	0.28 U	0.18 U
Beta-BHC	NS	36 UJ	NS	92 U	NS	24 U	NS	NA R	NS	NA R	0.024 U	0.0032 U
beta-Chlordane	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	0.024 U	0.0032 U
bis(2-Chloroethyl)ether	NS	14000 U	NS	89000 U	NS	1200 U	NS	1200 U	NS	1800 U	3.7 U	2 U
bis(2-Ethylhexyl)phthalate	NS	14000 U	NS	89000 U	NS	240 J	NS	360 J	NS	95 J	0.44 J	0.2 J
Butylbenzylphthalate	NS	14000 U	NS	89000 U	NS	1200 U	NS	1200 U	NS	1800 U	3.7 U	2 U
Cadmium	0.61 UJ	NS	1.3 UJ	NS	0.76 UJ	NS	0.67 U	NS	0.85 U	NS	0.86 U	0.56 U
Calcium	10000 J*	NS	34300 J*	NS	33600 J*	NS	21600	NS	28300	NS	2950 *	10200
Carbon Disulfide	NS	2100 U	NS	2300 U	NS	15 U	NS	96 U	NS	17 U	0.02 J	0.04
Carbon Tetrachloride	NS	2100 U	NS	2300 U	NS	15 U	NS	96 U	NS	17 U	0.068 U	0.04 U
Chlorobenzene	NS	2100 U	NS	2300 U	NS	15 U	NS	96 U	NS	17 U	0.068 U	0.04 U
Chloroform	NS	2100 U	NS	2300 U	NS	15 U	NS	96 U	NS	17 U	0.068 U	0.04 U
Chromium	30.6 J*	NS	88.1 J*	NS	141 J*	NS	56.3	NS	156	NS	8.7	18.5
Chrysene	NS	14000 U	NS	89000 U	NS	1200 U	NS	58 J	NS	1800 U	3.7 U	0.12 J
cis-1,3-Dichloropropene	NS	2100 U	NS	2300 U	NS	15 U	NS	96 U	NS	17 U	0.068 U	0.04 U
Cobalt	3.1 UJ	NS	7.3 U	NS	5.8 BJ	NS	5.5 B	NS	8.2 B	NS	1.7 U	1.8 B
Copper	156 JN*	NS	68.8 JN*	NS	45.4 JN*	NS	56.2	NS	68.5	NS	59.2 *	27.6 J
Cyanide	8.1 J*	NS	1.9 J*	NS	1.3 J*	NS	0.08 B	NS	0.4 B	NS	0.22 U	0.1 U
Delta-BHC	NS	36 UJ	NS	92 U	NS	24 U	NS	24 UJ	NS	29 UJ	0.024 UJ	0.0032 U
Diethyl phthalate	NS	14000 U	NS	89000 U	NS	1200 U	NS	1200 U	NS	1800 U	3.7 U	2 U
Di-n-butyl phthalate	NS	14000 U	NS	89000 U	NS	1200 U	NS	1200 U	NS	1800 U	3.7 U	2 U
Di-n-octyl phthalate	NS	14000 U	NS	89000 U	NS	1200 U	NS	1200 U	NS	1800 U	3.7 U	2 U

TABLE A-5  
Data Summary Table for Detected Constituents in Paper Residuals

Sample Locaton: Sample Date: Unit: Starting Depth (inches): Ending Depth (inches):	SB-6 (2)		SB-7		T-MW-1		T-MW-3		T-MW-5		WA-1	WA-2
	mg/Kg	ug/Kg	mg/Kg	ug/Kg	mg/Kg	ug/Kg	mg/Kg	ug/Kg	mg/Kg	ug/Kg	mg/Kg	mg/Kg
	20	20	24	24	6	6	2	2	0	0	12	12
	22	22	26	26	8	8	4	4	2	2	13	14
Endosulfan II	NS	70 UJ	NS	180 U	NS	47 U	NS	46 UJ	NS	36 ZN	0.046 U	0.0062 U
Endrin Aldehyde	NS	70 UJ	NS	180 U	NS	47 U	NS	46 UJ	NS	NA R	0.046 U	0.0062 U
Ethylbenzene	NS	2100 U	NS	2300 U	NS	15 U	NS	96 U	NS	17 U	0.068 U	0.04 U
Fluoranthene	NS	14000 U	NS	89000 U	NS	1200 U	NS	85 J	NS	1800 U	3.7 U	0.24 BJ
Fluorene	NS	14000 U	NS	89000 U	NS	1200 U	NS	1200 U	NS	1800 U	3.7 U	2 U
Gamma-Chlordane	NS	32 U	NS	920 UD	NS	NA R	NS	24 UJ	NS	29 UJ	NS	NS
Iron	4950 J*	NS	2240 J*	NS	3690 J*	NS	3090	NS	4110	NS	1670 *	7720
Lead	226 JN*	NS	499 JN*	NS	823 JN*	NS	308	NS	840	NS	17.9 N*	11.8
Magnesium	3420 J*	NS	1480 BJ*	NS	1210 BJ*	NS	805 B	NS	733 B	NS	705 B	2330
Manganese	462 JN*	NS	80.1 JN*	NS	82.7 JN*	NS	167	NS	118	NS	33 *	40.8
Mercury	0.74 J*	NS	3 J*	NS	2.9 J*	NS	1.4	NS	5	NS	1.3	0.06 UJN
Methylene Chloride	NS	2100 U	NS	2300 U	NS	15 U	NS	96 U	NS	17 U	0.068 U	0.04 U
Naphthalene	NS	14000 U	NS	89000 U	NS	1200 U	NS	81 J	NS	1800 U	3.7 U	2 U
Nickel	5.3 BJ	NS	3.7 BJ	NS	2.9 BJ	NS	2.5 B	NS	3.2 B	NS	2.3 U	5.4 B
Pentachlorophenol	NS	34000 U	NS	220000 U	NS	2800 U	NS	2800 U	NS	4500 U	2.8 J	4.9 U
Phenanthrene	NS	14000 U	NS	89000 U	NS	1200 U	NS	1200 U	NS	1800 U	3.7 U	0.17 J
Phenol	NS	14000 U	NS	89000 U	NS	1200 U	NS	1200 U	NS	1800 U	3.7 U	2 U
Potassium	297 BJ	NS	358 UJ	NS	203 UJ	NS	180 U	NS	226 U	NS	254 B	149 U
Pyrene	NS	14000 U	NS	89000 U	NS	1200 U	NS	130 J	NS	1800 U	3.7 U	2 U
Selenium	0.5 UJ	NS	0.63 UJ	NS	0.35 BJ	NS	0.22 U	NS	0.28 UW	NS	0.73 U	0.56 U
Silver	1.2 UJ	NS	2.6 UJ	NS	1.5 UJ	NS	1.3 U	NS	1.7 U	NS	1.7 U	1.1 U
Sodium	205 UJ	NS	452 UJ	NS	257 UJ	NS	227 U	NS	286 U	NS	289 U	212 B
Styrene	NS	2100 U	NS	2300 U	NS	15 U	NS	96 U	NS	17 U	0.068 U	0.04 U
Tetrachloroethene	NS	2100 U	NS	2300 U	NS	15 U	NS	96 U	NS	17 U	0.068 U	0.04 U
Toluene	NS	2100 U	NS	2300 U	NS	15 U	NS	96 U	NS	17 U	0.007 J	0.04 U
Vanadium	20.9	NS	11.6 BJ	NS	10.1 BJ	NS	9.8 B	NS	9.4 B	NS	11.2 B	12.3
Xylenes, Total	NS	2100 U	NS	1200 J	NS	15 U	NS	96 U	NS	17 U	0.028 J	0.04 U
Zinc	422 JN*	NS	235 JN*	NS	224 JN*	NS	286	NS	346	NS	175 N*	48.6

Notes:  
NA - Not Available  
NS - Not Sampled  
mg/kg - milligrams per kilogram  
ug/kg - microgram per kilogram



TABLE A-5  
Data Summary Table for Detected Constituents in Paper Residuals

Sample Locaton: Sample Date: Unit: Starting Depth (inches): Ending Depth (inches):	WA-3	WA-4	WA-5	WA-6	WA-7	WA-8	WB-1		WB-3		WB-4	
	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	ug/Kg	mg/Kg	ug/Kg	mg/Kg	ug/Kg
	14	8	22	12	20	10	20	20	4	4	6	6
	16	10	23.5	13	22	12	22	22	6	6	8	8
1,2,4-Trichlorobenzene	8.7 U	8.5 U	25 U	24 U	30 U	12 U	NS	5400 J	NS	6600 U	NS	34000 U
1,2-Dichlorobenzene	8.7 U	8.5 U	25 U	24 U	30 U	12 U	NS	1000 J	NS	6600 U	NS	34000 U
1,3-Dichlorobenzene	8.7 U	8.5 U	25 U	24 U	30 U	12 U	NS	5800	NS	6600 U	NS	34000 U
1,4-Dichlorobenzene	8.7 U	8.5 U	25 U	24 U	30 U	12 U	NS	15000	NS	6600 U	NS	34000 U
2,4,5-Trichlorophenol	21 U	20 U	60 U	58 U	73 U	29 U	NS	13000 U	NS	16000 U	NS	83000 U
2,4,6-Trichlorophenol	8.7 U	8.5 U	25 U	24 U	30 U	12 U	NS	5500 U	NS	6600 U	NS	34000 U
2,4-Dimethylphenol	8.7 U	8.5 U	25 U	24 U	30 U	12 U	NS	5500 U	NS	6600 U	NS	34000 U
2-Butanone	0.22 J	0.77 J	0.63 JD	0.096	0.028 J	0.091 J	NS	81 J	NS	420 J	NS	140 J
2-Hexanone	0.068 U	0.088 U	0.07	0.094 U	0.03 UJ	0.091 U	NS	83 UJ	NS	100 UJ	NS	94 UJ
2-Methylnaphthalene	8.7 U	8.5 U	25 U	10 J	30 U	3.5 J	NS	3400 J	NS	1500 J	NS	3600 J
2-Methylphenol (o-Cresol)	8.7 U	8.5 U	25 U	24 U	30 U	12 U	NS	5500 U	NS	6600 U	NS	34000 U
4,4'-DDD	0.0067 JPZ	0.0085 U	0.02 Z	0.21 U	0.091 U	0.18 U	NS	110 U	NS	65 U	NS	140 U
4,4'-DDE	0.0048 JPZ	0.0085 U	0.015 U	0.21 U	0.091 U	0.18 U	NS	150 J	NS	130 JN	NS	140 U
4,4'-DDT	0.0061 JPZ	0.0047 JZ	0.015 U	0.17 JN	0.091 U	0.11 JZ	NS	NA R	NS	NA R	NS	NA R
4-Methyl-2-pentanone	0.068 U	0.088 U	0.027	0.094 U	0.03 UJ	0.091 U	NS	83 UJ	NS	100 UJ	NS	94 UJ
4-Methylphenol (p-Cresol)	1.2 J	8.5 U	38	1.7 J	12 J	12 U	NS	1600 J	NS	930 J	NS	8400 J
Acetone	0.71	1.1	0.23	0.34	0.17 J	0.39	NS	260 BJ	NS	250 J	NS	200 J
Aldrin	0.0051 Z	0.0044 U	0.0076 U	0.11 U	0.047 U	0.091 U	NS	56 U	NS	34 U	NS	71 U
Alpha-BHC	0.0045 U	0.0044 U	0.0076 U	0.11 U	0.047 U	0.091 U	NS	56 U	NS	34 U	NS	71 U
Alpha-Chlordane	0.0081 Z	0.0044 U	0.0076 U	0.999 R	0.999 R	0.091 U	NS	56 U	NS	34 U	NS	71 U
Aluminum	11700	9830	13200	11300	16200	6590	9070	NS	11500	NS	8080	NS
Antimony	20.5 U	17.9 U	11.7 U	16.5 U	15.6 U	10.5	10.1 UJN	NS	12.2 UJN	NS	11.5 UJN	NS
Arsenic	1.3 B	1.7 B	1.8 B	1.8 B	2.2 B	5.9	2 B	NS	2.3	NS	2.6 B	NS
Barium	15.9 U	13.9 U	28 B	169	46.7 B	132	452	NS	419	NS	319	NS
Benzene	0.068 U	0.088 U	0.018 U	0.094 U	0.03 UJ	0.091 U	NS	48 J	NS	100 UJ	NS	94 U
Benzo(a)anthracene	8.7 U	8.5 U	25 U	24 U	30 U	12 U	NS	5500 U	NS	6600 U	NS	34000 U
Beryllium	0.37 U	0.32 U	0.21 U	0.3 U	0.28 U	1.2	0.18 U	NS	0.25 B	NS	0.21 U	NS
Beta-BHC	0.0045 U	0.0044 U	0.0091 JN	0.11 U	0.047 U	0.091 U	NS	56 U	NS	34 U	NS	71 U
beta-Chlordane	0.0061 Z	0.0044 U	0.0056 JN	0.999 R	0.047 U	0.999 R	NS	NS	NS	NS	NS	NS
bis(2-Chloroethyl)ether	8.7 U	8.5 U	25 U	24 U	30 U	12 U	NS	5500 U	NS	6600 U	NS	34000 U
bis(2-Ethylhexyl)phthalate	1.7 J	8.5 U	25 U	2 J	30 U	5.4 J	NS	1200 J	NS	2200 J	NS	3600 J
Butylbenzylphthalate	8.7 U	8.5 U	25 U	24 U	30 U	12 U	NS	5500 U	NS	6600 U	NS	34000 U
Cadmium	1.1 U	1.4 BJ	0.66 U	1.7 J	0.87 U	0.49 U	1.9 J	NS	1.4 J	NS	0.77 BJ	NS
Calcium	924 B	919 B	5890	15200	3640	11200	28100 *	NS	22900 *	NS	29800 *	NS
Carbon Disulfide	0.03 J	0.078 J	0.009 J	0.015 J	0.006 J	0.02 J	NS	20 J	NS	14 J	NS	14 J
Carbon Tetrachloride	0.068 U	0.088 U	0.018 U	0.094 U	0.03 UJ	0.091 U	NS	83 UJ	NS	100 UJ	NS	94 U
Chlorobenzene	0.068 U	0.088 U	0.018 U	0.094 U	0.03 UJ	0.091 U	NS	18000 DJ	NS	100 UJ	NS	94 U
Chloroform	0.008 J	0.014 J	0.018 U	0.094 U	0.03 UJ	0.091 U	NS	83 UJ	NS	100 UJ	NS	94 U
Chromium	14.2	12.5	16.5	54.8	17.1	25.1	121	NS	142	NS	111	NS
Chrysene	8.7 U	8.5 U	25 U	24 U	30 U	12 U	NS	5500 U	NS	6600 U	NS	34000 U
cis-1,3-Dichloropropene	0.068 U	0.014 J	0.018 U	0.094 U	0.03 UJ	0.091 U	NS	83 UJ	NS	100 UJ	NS	94 U
Cobalt	2.3 U	2.1 B	1.3 U	8.4 B	2.6 B	5.8 B	9.4 B	NS	9.6 B	NS	6.4 B	NS
Copper	48.4 J	49.8 J	47.2 J	62.2 J	50.3 J	41.1 J	69.9	NS	90.4	NS	94.3	NS
Cyanide	0.13 U	0.2 U	0.29 B	2.1	0.36 B	0.68 B	1.7	NS	1.3	NS	4.5	NS
Delta-BHC	0.0069 PZ	0.0044 U	0.999 R	0.11 UJ	0.047 UJ	0.091 UJ	NS	56 U	NS	34 U	NS	71 U
Diethyl phthalate	8.7 U	8.5 U	25 U	24 U	30 U	12 U	NS	5500 U	NS	6600 U	NS	34000 U
Di-n-butyl phthalate	8.7 U	8.5 U	25 U	24 U	30 U	12 U	NS	5500 U	NS	6600 U	NS	34000 U
Di-n-octyl phthalate	8.7 U	8.5 U	25 U	24 U	30 U	12 U	NS	5500 U	NS	6600 U	NS	34000 U

TABLE A-5  
Data Summary Table for Detected Constituents in Paper Residuals

Sample Locaton: Sample Date: Unit: Starting Depth (inches): Ending Depth (inches):	WA-3	WA-4	WA-5	WA-6	WA-7	WA-8	WB-1		WB-3		WB-4	
	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	ug/Kg	mg/Kg	ug/Kg	mg/Kg	ug/Kg
	14	8	22	12	20	10	20	20	4	4	6	6
	16	10	23.5	13	22	12	22	22	6	6	8	8
Endosulfan II	0.0088 U	0.0085 U	0.015 U	0.21 U	0.091 U	0.18 U	NS	110 U	NS	65 U	NS	140 U
Endrin Aldehyde	0.0088 U	0.0085 U	0.015 U	0.21 U	0.091 U	0.18 U	NS	110 U	NS	65 U	NS	140 U
Ethylbenzene	0.068 U	0.031 J	0.032	0.021 J	0.01 J	0.091 U	NS	120 J	NS	100 UJ	NS	94 U
Fluoranthene	8.7 U	8.5 U	25 U	24 U	30 U	12 U	NS	5500 U	NS	6600 U	NS	34000 U
Fluorene	8.7 U	8.5 U	25 U	24 U	30 U	12 U	NS	5500 U	NS	6600 U	NS	34000 U
Gamma-Chlordane	NS	NS	NS	NS	NS	NS	NS	56 U	NS	NA R	NS	71 U
Iron	4230	3630	4860	8560	7600	4550	3160 *	NS	4420 *	NS	1380 *	NS
Lead	12.1	7.8	9.8	124	16.6	34.5	583	NS	676	NS	567	NS
Magnesium	310 U	271 U	739 B	4980	394 B	1510	1510 J*	NS	2000 J*	NS	1820 J*	NS
Manganese	11.1	11.9	25.4	371	31.6	75.5	57.7 JN*	NS	67.7 JN*	NS	40.3 JN*	NS
Mercury	0.12 UJN	0.09 UJN	0.1 UJN	0.38 JN	0.13 UJN	0.14 BJN	0.84 JN	NS	3.9 JN	NS	2.4 JN	NS
Methylene Chloride	0.068 U	0.088 U	0.004 J	0.094 U	0.03 UJ	0.091 U	NS	83 UJ	NS	100 UJ	NS	94 U
Naphthalene	8.7 U	8.5 U	25 U	24 U	30 U	12 U	NS	670 J	NS	400 J	NS	34000 U
Nickel	3.1 U	2.7 U	4.9 B	16.8	3.3 B	11.6	5.2 B	NS	6.7 B	NS	3.6 B	NS
Pentachlorophenol	21 U	20 U	60 U	58 U	73 U	29 U	NS	13000 U	NS	16000 U	NS	83000 U
Phenanthrene	8.7 U	8.5 U	25 U	24 U	30 U	12 U	NS	5500 U	NS	6600 U	NS	34000 U
Phenol	8.7 U	8.5 U	25 U	24 U	30 U	12 U	NS	5500 U	NS	6600 U	NS	34000 U
Potassium	306 U	268 U	175 U	247 U	233 U	145 B	151 U	NS	183 U	NS	172 U	NS
Pyrene	8.7 U	8.5 U	25 U	24 U	30 U	12 U	NS	5500 U	NS	6600 U	NS	34000 U
Selenium	0.54 U	0.6 U	0.5 U	0.44 U	0.49 UJW	0.42 U	0.47 B	NS	0.48 B	NS	0.6 B	NS
Silver	2.3 U	2 U	1.3 U	1.8 U	1.7 U	0.95 U	1.1 U	NS	1.3 U	NS	1.3 U	NS
Sodium	387 U	339 U	221 U	564 B	294 U	219 B	269 B	NS	252 B	NS	275 B	NS
Styrene	0.068 U	0.088 U	0.018 U	0.094 U	0.03 UJ	0.091 U	NS	83 UJ	NS	100 UJ	NS	94 U
Tetrachloroethene	0.068 U	0.088 U	0.018 U	0.094 U	0.03 UJ	0.091 U	NS	83 UJ	NS	100 UJ	NS	94 U
Toluene	0.068 U	0.088 U	0.007 J	0.015 J	0.005 J	0.01 J	NS	67 J	NS	18 J	NS	41 J
Vanadium	13.4 B	11.1 B	19.1	16 B	13.6 B	15.6	15.8	NS	22.3	NS	14.7	NS
Xylenes, Total	0.068 U	0.22	0.01 J	0.14	0.066 J	0.091 U	NS	110 J	NS	150 J	NS	170
Zinc	113	140	78.6	266	105	178	336	NS	281	NS	247	NS

Notes:  
NA - Not Available  
NS - Not Sampled  
mg/kg - milligrams per kilogram  
ug/kg - microgram per kilogram

**TABLE A-5**  
**Data Summary Table for Detected Constituents in Paper Residuals**

Sample Locaton: Sample Date: Unit: Starting Depth (inches): Ending Depth (inches):	WB-5		WMW-3A		WMW-4A	
	mg/Kg	ug/Kg	mg/Kg	ug/Kg	mg/Kg	ug/Kg
	4	4	18	18	10	10
	6	6	20	20	12	12
1,2,4-Trichlorobenzene	NS	600 U	NS	33000 U	NS	62000 U
1,2-Dichlorobenzene	NS	600 U	NS	33000 U	NS	62000 U
1,3-Dichlorobenzene	NS	600 U	NS	33000 U	NS	62000 U
1,4-Dichlorobenzene	NS	600 U	NS	33000 U	NS	62000 U
2,4,5-Trichlorophenol	NS	1400 U	NS	80000 U	NS	150000 U
2,4,6-Trichlorophenol	NS	600 U	NS	33000 U	NS	62000 U
2,4-Dimethylphenol	NS	600 U	NS	33000 U	NS	62000 U
2-Butanone	NS	18 UJ	NS	2300 U	NS	4400
2-Hexanone	NS	18 U	NS	2300 U	NS	2400 U
2-Methylnaphthalene	NS	36 J	NS	9000 J	NS	6200 J
2-Methylphenol (o-Cresol)	NS	600 U	NS	33000 U	NS	62000 U
4,4'-DDD	NS	60 U	NS	66 U	NS	120 UJ
4,4'-DDE	NS	150 JN	NS	NA R	NS	120 UJ
4,4'-DDT	NS	NA R	NS	100	NS	NA R
4-Methyl-2-pentanone	NS	18 UJ	NS	2300 UJ	NS	2400 UJ
4-Methylphenol (p-Cresol)	NS	600 U	NS	33000 U	NS	19000 J
Acetone	NS	18 UJ	NS	2300 U	NS	4100 J
Aldrin	NS	31 U	NS	34 U	NS	64 UJ
Alpha-BHC	NS	31 U	NS	34 UJ	NS	64 UJ
Alpha-Chlordane	NS	31 U	NS	NA R	NS	NA R
Aluminum	11600	NS	8520 JE*	NS	7500 JE*	NS
Antimony	14.3 UJN	NS	15.9 UJN	NS	16.6 UJN	NS
Arsenic	2 B	NS	0.73 B	NS	0.49 U	NS
Barium	462	NS	460 JN*	NS	230 JN*	NS
Benzene	NS	18 U	NS	2300 U	NS	2400 U
Benzo(a)anthracene	NS	600 U	NS	33000 U	NS	62000 U
Beryllium	0.26 U	NS	0.29 U	NS	0.3 U	NS
Beta-BHC	NS	31 U	NS	34 U	NS	64 UJ
beta-Chlordane	NS	NS	NS	NS	NS	NS
bis(2-Chloroethyl)ether	NS	600 U	NS	33000 U	NS	62000 U
bis(2-Ethylhexyl)phthalate	NS	500 J	NS	33000 U	NS	62000 U
Butylbenzylphthalate	NS	600 U	NS	33000 U	NS	62000 U
Cadmium	1.1 BJ	NS	0.89 U	NS	0.95 B	NS
Calcium	31600 *	NS	31200 J*	NS	20200 J*	NS
Carbon Disulfide	NS	18 U	NS	2300 U	NS	2400 U
Carbon Tetrachloride	NS	18 U	NS	2300 U	NS	2400 U
Chlorobenzene	NS	18 U	NS	2300 U	NS	2400 U
Chloroform	NS	18 U	NS	2300 U	NS	2400 U
Chromium	154	NS	196 JEN*	NS	112 JEN*	NS
Chrysene	NS	600 U	NS	33000 U	NS	62000 U
cis-1,3-Dichloropropene	NS	18 U	NS	2300 U	NS	2400 U
Cobalt	9.4 B	NS	11.1 B	NS	5.3 B	NS
Copper	113	NS	185 JN*	NS	122 JN*	NS
Cyanide	1.6	NS	2.8 JN*	NS	19.9 JN*	NS
Delta-BHC	NS	31 U	NS	NA R	NS	64 UJ
Diethyl phthalate	NS	600 U	NS	33000 U	NS	62000 U
Di-n-butyl phthalate	NS	600 U	NS	33000 U	NS	62000 U
Di-n-octyl phthalate	NS	600 U	NS	33000 U	NS	62000 U

TABLE A-5  
Data Summary Table for Detected Constituents in Paper Residuals

Sample Locaton: Sample Date: Unit: Starting Depth (inches): Ending Depth (inches):	WB-5		WMW-3A		WMW-4A	
	mg/Kg	ug/Kg	mg/Kg	ug/Kg	mg/Kg	ug/Kg
	4	4	18	18	10	10
	6	6	20	20	12	12
Endosulfan II	NS	60 U	NS	66 U	NS	120 UJ
Endrin Aldehyde	NS	60 U	NS	66 U	NS	120 UJ
Ethylbenzene	NS	18 U	NS	2300 U	NS	2400 U
Fluoranthene	NS	66 J	NS	33000 U	NS	62000 U
Fluorene	NS	600 U	NS	33000 U	NS	62000 U
Gamma-Chlordane	NS	NA R	NS	34 U	NS	NA R
Iron	3510 *	NS	1200 JE*	NS	817 JE*	NS
Lead	792	NS	1060 JN*	NS	659 JN*	NS
Magnesium	1320 BJ*	NS	1200 B	NS	815 B	NS
Manganese	217 JN*	NS	31.8 JE*	NS	14.1 JE*	NS
Mercury	3.1 JN	NS	0.08 UJN*	NS	0.08 UJN*	NS
Methylene Chloride	NS	18 U	NS	2300 U	NS	2400 U
Naphthalene	NS	100 J	NS	33000 U	NS	62000 U
Nickel	7.3 B	NS	5.8 B	NS	3.5 B	NS
Pentachlorophenol	NS	1400 U	NS	80000 U	NS	150000 U
Phenanthrene	NS	38 J	NS	33000 U	NS	62000 U
Phenol	NS	600 U	NS	33000 U	NS	62000 U
Potassium	262 B	NS	237 U	NS	248 U	NS
Pyrene	NS	50 J	NS	33000 U	NS	62000 U
Selenium	0.4 B	NS	0.54 U	NS	0.52 U	NS
Silver	1.6 U	NS	1.7 U	NS	1.8 U	NS
Sodium	270 U	NS	300 U	NS	313 U	NS
Styrene	NS	18 U	NS	2300 U	NS	2400 U
Tetrachloroethene	NS	18 U	NS	2300 U	NS	2400 U
Toluene	NS	8 J	NS	2300 U	NS	2400 U
Vanadium	16.9	NS	12.2 B	NS	13.2 B	NS
Xylenes, Total	NS	18 U	NS	2300 U	NS	2400 U
Zinc	402	NS	375 JEN*	NS	273 JEN*	NS

Notes:  
NA - Not Available  
NS - Not Sampled  
mg/kg - milligrams per kilogram  
ug/kg - microgram per kilogram

PREPARED BY/DATE: MKB 1/7/15  
CHECKED BY/DATE: RRP 1/12/15

**TABLE A-6**  
**Calculation of TCDD TEQ for Residual Waste**  
**Area-Wide Non-PCB Constituent Screening Evaluation**

Sample Location	TEF	Analyte	Result Value	Result Qualifiers	Units	TEQ
B1-2	0.01	1,2,3,4,6,7,8-HpCDD	1,140		ppt	11
B1-2	0.01	1,2,3,4,6,7,8-HpCDF	209		ppt	2.1
B1-2	0.01	1,2,3,4,7,8,9-HpCDF	0	UJQ	ppt	0
B1-2	0.1	1,2,3,4,7,8-HxCDD	1.5		ppt	0
B1-2	0.1	1,2,3,4,7,8-HxCDF	4.4		ppt	0
B1-2	0.1	1,2,3,6,7,8-HxCDD	17		ppt	1.7
B1-2	0.1	1,2,3,6,7,8-HxCDF	0	U	ppt	0
B1-2	0.1	1,2,3,7,8,9-HxCDD	10		ppt	1.0
B1-2	0.1	1,2,3,7,8,9-HxCDF	0	UJE	ppt	0
B1-2	1	1,2,3,7,8-PeCDD	1.9		ppt	1.9
B1-2	0.03	1,2,3,7,8-PeCDF	3.6		ppt	0
B1-2	0.1	2,3,4,6,7,8-HxCDF	4.4		ppt	0
B1-2	0.3	2,3,4,7,8-PeCDF	4.5		ppt	1.4
B1-2	1	2,3,7,8-TCDD	10		ppt	10
B1-2	0.1	2,3,7,8-TCDF	177		ppt	18
B1-2	0.0003	OCDD	32,960	JS	ppt	10
B1-2	0.0003	OCDF	1,310		ppt	0
<b>TCDD TEQ</b>						<b>59</b>
B2-2	0.01	1,2,3,4,6,7,8-HpCDD	148		ppt	1.5
B2-2	0.01	1,2,3,4,6,7,8-HpCDF	14		ppt	0
B2-2	0.01	1,2,3,4,7,8,9-HpCDF	0	U	ppt	0
B2-2	0.1	1,2,3,4,7,8-HxCDD	0	U	ppt	0
B2-2	0.1	1,2,3,4,7,8-HxCDF	0	U	ppt	0
B2-2	0.1	1,2,3,6,7,8-HxCDD	4.2		ppt	0
B2-2	0.1	1,2,3,6,7,8-HxCDF	0	U	ppt	0
B2-2	0.1	1,2,3,7,8,9-HxCDD	0	U	ppt	0
B2-2	0.1	1,2,3,7,8,9-HxCDF	0	U	ppt	0
B2-2	1	1,2,3,7,8-PeCDD	0	U	ppt	0
B2-2	0.03	1,2,3,7,8-PeCDF	0	U	ppt	0
B2-2	0.1	2,3,4,6,7,8-HxCDF	0	U	ppt	0
B2-2	0.3	2,3,4,7,8-PeCDF	0	U	ppt	0
B2-2	1	2,3,7,8-TCDD	3.7		ppt	3.7
B2-2	0.1	2,3,7,8-TCDF	33		ppt	3.3
B2-2	0.0003	OCDD	2,770		ppt	0.83
B2-2	0.0003	OCDF	99		ppt	0
<b>TCDD TEQ</b>						<b>10</b>

**TABLE A-6**  
**Calculation of TCDD TEQ for Residual Waste**  
**Area-Wide Non-PCB Constituent Screening Evaluation**

Sample Location	TEF	Analyte	Result Value	Result Qualifiers	Units	TEQ
AS-2	0.01	1,2,3,4,6,7,8-HpCDD	55		ppt	0.55
AS-2	0.01	1,2,3,4,6,7,8-HpCDF	3.0		ppt	0.030
AS-2	0.01	1,2,3,4,7,8,9-HpCDF	1.0		ppt	0.010
AS-2	0.1	1,2,3,4,7,8-HxCDD	0	PR	ppt	0
AS-2	0.1	1,2,3,4,7,8-HxCDF	0.53		ppt	0.053
AS-2	0.1	1,2,3,6,7,8-HxCDD	0	UJPR	ppt	0
AS-2	0.1	1,2,3,6,7,8-HxCDF	0	UJ	ppt	0
AS-2	0.1	1,2,3,7,8,9-HxCDD	0	UJ	ppt	0
AS-2	0.1	1,2,3,7,8,9-HxCDF	0.88		ppt	0.088
AS-2	1	1,2,3,7,8-PeCDD	0	U	ppt	0
AS-2	0.03	1,2,3,7,8-PeCDF	0	U	ppt	0
AS-2	0.1	2,3,4,6,7,8-HxCDF	0.48	B	ppt	0.048
AS-2	0.3	2,3,4,7,8-PeCDF	0	UJ	ppt	0
AS-2	1	2,3,7,8-TCDD	0	U	ppt	0
AS-2	0.1	2,3,7,8-TCDF	0	UJE	ppt	0
AS-2	0.0003	OCDD	682		ppt	0.20
AS-2	0.0003	OCDF	35		ppt	0.010
<b>TCDD TEQ</b>						<b>0.99</b>
AS-1	0.01	1,2,3,4,6,7,8-HpCDD	36,210		ppt	362
AS-1	0.01	1,2,3,4,6,7,8-HpCDF	2,510	B	ppt	25
AS-1	0.01	1,2,3,4,7,8,9-HpCDF	185	Q	ppt	1.9
AS-1	0.1	1,2,3,4,7,8-HxCDD	35		ppt	3.5
AS-1	0.1	1,2,3,4,7,8-HxCDF	95	B	ppt	10
AS-1	0.1	1,2,3,6,7,8-HxCDD	549		ppt	55
AS-1	0.1	1,2,3,6,7,8-HxCDF	22	B	ppt	2.2
AS-1	0.1	1,2,3,7,8,9-HxCDD	126		ppt	13
AS-1	0.1	1,2,3,7,8,9-HxCDF	0	UJE	ppt	0
AS-1	1	1,2,3,7,8-PeCDD	7.6		ppt	7.6
AS-1	0.03	1,2,3,7,8-PeCDF	79	B	ppt	2.4
AS-1	0.1	2,3,4,6,7,8-HxCDF	84	B	ppt	8.4
AS-1	0.3	2,3,4,7,8-PeCDF	7.2	B	ppt	2.2
AS-1	1	2,3,7,8-TCDD	13		ppt	13
AS-1	0.1	2,3,7,8-TCDF	145	B	ppt	15
AS-1	0.0003	OCDD	184,520	BS	ppt	55
AS-1	0.0003	OCDF	36,700	Q	ppt	11
<b>TCDD TEQ</b>						<b>586</b>

**TABLE A-6**  
**Calculation of TCDD TEQ for Residual Waste**  
**Area-Wide Non-PCB Constituent Screening Evaluation**

Sample Location	TEF	Analyte	Result Value	Result Qualifiers	Units	TEQ
AS-3	0.01	1,2,3,4,6,7,8-HpCDD	28,870		ppt	289
AS-3	0.01	1,2,3,4,6,7,8-HpCDF	1,500	B	ppt	15
AS-3	0.01	1,2,3,4,7,8,9-HpCDF	66	Q	ppt	0.7
AS-3	0.1	1,2,3,4,7,8-HxCDD	13		ppt	1.3
AS-3	0.1	1,2,3,4,7,8-HxCDF	43	B	ppt	4.3
AS-3	0.1	1,2,3,6,7,8-HxCDD	580		ppt	58
AS-3	0.1	1,2,3,6,7,8-HxCDF	10	B	ppt	1.0
AS-3	0.1	1,2,3,7,8,9-HxCDD	138		ppt	14
AS-3	0.1	1,2,3,7,8,9-HxCDF	0	UJE	ppt	0
AS-3	1	1,2,3,7,8-PeCDD	10		ppt	10
AS-3	0.03	1,2,3,7,8-PeCDF	0	UJEB	ppt	0
AS-3	0.1	2,3,4,6,7,8-HxCDF	43	B	ppt	4.3
AS-3	0.3	2,3,4,7,8-PeCDF	13	B	ppt	3.9
AS-3	1	2,3,7,8-TCDD	60		ppt	60
AS-3	0.1	2,3,7,8-TCDF	646	B	ppt	65
AS-3	0.0003	OCDD	245,810	BS	ppt	74
AS-3	0.0003	OCDF	15,950		ppt	4.8
<b>TCDD TEQ</b>						<b>604</b>
WB-3	0.01	1,2,3,4,6,7,8-HpCDD	43,950	B	ppt	440
WB-3	0.01	1,2,3,4,6,7,8-HpCDF	656	B	ppt	6.6
WB-3	0.01	1,2,3,4,7,8,9-HpCDF	73		ppt	0.73
WB-3	0.1	1,2,3,4,7,8-HxCDD	0	PR	ppt	0
WB-3	0.1	1,2,3,4,7,8-HxCDF	54		ppt	5.4
WB-3	0.1	1,2,3,6,7,8-HxCDD	408		ppt	41
WB-3	0.1	1,2,3,6,7,8-HxCDF	57		ppt	5.7
WB-3	0.1	1,2,3,7,8,9-HxCDD	0	PR	ppt	0
WB-3	0.1	1,2,3,7,8,9-HxCDF	0	UJE	ppt	0
WB-3	1	1,2,3,7,8-PeCDD	23		ppt	23
WB-3	0.03	1,2,3,7,8-PeCDF	0	UJE	ppt	0
WB-3	0.1	2,3,4,6,7,8-HxCDF	124	B	ppt	12
WB-3	0.3	2,3,4,7,8-PeCDF	59		ppt	18
WB-3	1	2,3,7,8-TCDD	52		ppt	52
WB-3	0.1	2,3,7,8-TCDF	316	B	ppt	32
WB-3	0.0003	OCDD	149,450	SB	ppt	45
WB-3	0.0003	OCDF	2,150	B	ppt	0.65
<b>TCDD TEQ</b>						<b>682</b>

**TABLE A-6**  
**Calculation of TCDD TEQ for Residual Waste**  
**Area-Wide Non-PCB Constituent Screening Evaluation**

Sample Location	TEF	Analyte	Result Value	Result Qualifiers	Units	TEQ
WB-1	0.01	1,2,3,4,6,7,8-HpCDD	5,920	B	ppt	59
WB-1	0.01	1,2,3,4,6,7,8-HpCDF	199	B	ppt	2.0
WB-1	0.01	1,2,3,4,7,8,9-HpCDF	20		ppt	0.20
WB-1	0.1	1,2,3,4,7,8-HxCDD	0	UJPR	ppt	0
WB-1	0.1	1,2,3,4,7,8-HxCDF	0	UJ	ppt	0
WB-1	0.1	1,2,3,6,7,8-HxCDD	233		ppt	23
WB-1	0.1	1,2,3,6,7,8-HxCDF	0	UJPR	ppt	0
WB-1	0.1	1,2,3,7,8,9-HxCDD	88		ppt	8.8
WB-1	0.1	1,2,3,7,8,9-HxCDF	0	UJPR	ppt	0
WB-1	1	1,2,3,7,8-PeCDD	5.7		ppt	5.7
WB-1	0.03	1,2,3,7,8-PeCDF	7.7		ppt	0.23
WB-1	0.1	2,3,4,6,7,8-HxCDF	9.3	B	ppt	0.93
WB-1	0.3	2,3,4,7,8-PeCDF	13		ppt	3.8
WB-1	1	2,3,7,8-TCDD	31		ppt	31
WB-1	0.1	2,3,7,8-TCDF	269	B	ppt	27
WB-1	0.0003	OCDD	57,190	B	ppt	17
WB-1	0.0003	OCDF	945	B	ppt	0.28
<b>TCDD TEQ</b>						<b>179</b>
DLHB-1	0.01	1,2,3,4,6,7,8-HpCDD	7.5	B	ppt	0.075
DLHB-1	0.01	1,2,3,4,6,7,8-HpCDF	0	U	ppt	0
DLHB-1	0.01	1,2,3,4,7,8,9-HpCDF	0	U	ppt	0
DLHB-1	0.1	1,2,3,4,7,8-HxCDD	0	U	ppt	0
DLHB-1	0.1	1,2,3,4,7,8-HxCDF	0	U	ppt	0
DLHB-1	0.1	1,2,3,6,7,8-HxCDD	4.5		ppt	0.45
DLHB-1	0.1	1,2,3,6,7,8-HxCDF	0	U	ppt	0
DLHB-1	0.1	1,2,3,7,8,9-HxCDD	3.0		ppt	0.30
DLHB-1	0.1	1,2,3,7,8,9-HxCDF	0	U	ppt	0
DLHB-1	1	1,2,3,7,8-PeCDD	0	U	ppt	0
DLHB-1	0.03	1,2,3,7,8-PeCDF	2.8		ppt	0.084
DLHB-1	0.1	2,3,4,6,7,8-HxCDF	0	U	ppt	0
DLHB-1	0.3	2,3,4,7,8-PeCDF	2.5		ppt	0.75
DLHB-1	1	2,3,7,8-TCDD	3.6		ppt	3.6
DLHB-1	0.1	2,3,7,8-TCDF	118		ppt	12
DLHB-1	0.0003	OCDD	57	B	ppt	0.017
DLHB-1	0.0003	OCDF	0	U	ppt	0
<b>TCDD TEQ</b>						<b>17</b>



**TABLE A-6**  
**Calculation of TCDD TEQ for Residual Waste**  
**Area-Wide Non-PCB Constituent Screening Evaluation**

Sample Location	TEF	Analyte	Result Value	Result Qualifiers	Units	TEQ
DLHB-2	0.01	1,2,3,4,6,7,8-HpCDD	114	B	ppt	1.1
DLHB-2	0.01	1,2,3,4,6,7,8-HpCDF	6.6	B	ppt	0.066
DLHB-2	0.01	1,2,3,4,7,8,9-HpCDF	0	U	ppt	0
DLHB-2	0.1	1,2,3,4,7,8-HxCDD	0	U	ppt	0
DLHB-2	0.1	1,2,3,4,7,8-HxCDF	1.1		ppt	0.11
DLHB-2	0.1	1,2,3,6,7,8-HxCDD	87		ppt	8.7
DLHB-2	0.1	1,2,3,6,7,8-HxCDF	0	U	ppt	0
DLHB-2	0.1	1,2,3,7,8,9-HxCDD	47		ppt	4.7
DLHB-2	0.1	1,2,3,7,8,9-HxCDF	0	U	ppt	0
DLHB-2	1	1,2,3,7,8-PeCDD	0	UJ	ppt	0
DLHB-2	0.03	1,2,3,7,8-PeCDF	2.7		ppt	0.081
DLHB-2	0.1	2,3,4,6,7,8-HxCDF	0	U	ppt	0
DLHB-2	0.3	2,3,4,7,8-PeCDF	4.3		ppt	1.3
DLHB-2	1	2,3,7,8-TCDD	7.8		ppt	7.8
DLHB-2	0.1	2,3,7,8-TCDF	301		ppt	30
DLHB-2	0.0003	OCDD	743	B	ppt	0.22
DLHB-2	0.0003	OCDF	31	B	ppt	0.0092
<b>TCDD TEQ</b>						<b>54</b>
MLSS-3	0.01	1,2,3,4,6,7,8-HpCDD	6,890	B	ppt	69
MLSS-3	0.01	1,2,3,4,6,7,8-HpCDF	445	B	ppt	4.5
MLSS-3	0.01	1,2,3,4,7,8,9-HpCDF	29		ppt	0.29
MLSS-3	0.1	1,2,3,4,7,8-HxCDD	0	UJ	ppt	0
MLSS-3	0.1	1,2,3,4,7,8-HxCDF	19		ppt	1.9
MLSS-3	0.1	1,2,3,6,7,8-HxCDD	312		ppt	31
MLSS-3	0.1	1,2,3,6,7,8-HxCDF	8.8		ppt	0.88
MLSS-3	0.1	1,2,3,7,8,9-HxCDD	0	PR	ppt	0
MLSS-3	0.1	1,2,3,7,8,9-HxCDF	0	UJE	ppt	0
MLSS-3	1	1,2,3,7,8-PeCDD	6.7		ppt	6.7
MLSS-3	0.03	1,2,3,7,8-PeCDF	5.4		ppt	0.16
MLSS-3	0.1	2,3,4,6,7,8-HxCDF	0	BPR	ppt	0
MLSS-3	0.3	2,3,4,7,8-PeCDF	8.9		ppt	2.7
MLSS-3	1	2,3,7,8-TCDD	26		ppt	26
MLSS-3	0.1	2,3,7,8-TCDF	177	B	ppt	18
MLSS-3	0.0003	OCDD	30,730	BS	ppt	9.2
MLSS-3	0.0003	OCDF	1,300	B	ppt	0.39
<b>TCDD TEQ</b>						<b>170</b>

**TABLE A-6**  
**Calculation of TCDD TEQ for Residual Waste**  
**Area-Wide Non-PCB Constituent Screening Evaluation**

Sample Location	TEF	Analyte	Result Value	Result Qualifiers	Units	TEQ
TP-10 Reextract.	0.01	1,2,3,4,6,7,8-HpCDD	69,680		ppt	697
TP-10 Reextract.	0.01	1,2,3,4,6,7,8-HpCDF	10,160		ppt	101.6
TP-10 Reextract.	0.01	1,2,3,4,7,8,9-HpCDF	792		ppt	7.92
TP-10 Reextract.	0.1	1,2,3,4,7,8-HxCDD	34.6	EMPC J	ppt	3
TP-10 Reextract.	0.1	1,2,3,4,7,8-HxCDF	2,850		ppt	285.0
TP-10 Reextract.	0.1	1,2,3,6,7,8-HxCDD	3,140		ppt	314
TP-10 Reextract.	0.1	1,2,3,6,7,8-HxCDF	476		ppt	47.60
TP-10 Reextract.	0.1	1,2,3,7,8,9-HxCDD	314	J	ppt	31
TP-10 Reextract.	0.1	1,2,3,7,8,9-HxCDF	88.4	J	ppt	9
TP-10 Reextract.	1	1,2,3,7,8-PeCDD	8.2	EMPC J	ppt	8.2
TP-10 Reextract.	0.03	1,2,3,7,8-PeCDF	700		ppt	21.00
TP-10 Reextract.	0.1	2,3,4,6,7,8-HxCDF	920	J	ppt	92
TP-10 Reextract.	0.3	2,3,4,7,8-PeCDF	739		ppt	221.7
TP-10 Reextract.	1	2,3,7,8-TCDD	66		ppt	66
TP-10 Reextract.	0.1	2,3,7,8-TCDF	168		ppt	17
TP-10 Reextract.	0.0003	OCDD	317,320	J	ppt	95.2
TP-10 Reextract.	0.0003	OCDF	17,890		ppt	5.37
<b>TCDD TEQ</b>						<b>2,023</b>
TP-01	0.01	1,2,3,4,6,7,8-HpCDD	1,700	B	ppt	17
TP-01	0.01	1,2,3,4,6,7,8-HpCDF	50.8	B	ppt	0.5
TP-01	0.01	1,2,3,4,7,8,9-HpCDF	0.0	U	ppt	0.00
TP-01	0.1	1,2,3,4,7,8-HxCDD	0.0	U	ppt	0
TP-01	0.1	1,2,3,4,7,8-HxCDF	7.4	B	ppt	0.7
TP-01	0.1	1,2,3,6,7,8-HxCDD	97.7		ppt	10
TP-01	0.1	1,2,3,6,7,8-HxCDF	1.4	EMPC J	ppt	0.14
TP-01	0.1	1,2,3,7,8,9-HxCDD	50.1		ppt	5
TP-01	0.1	1,2,3,7,8,9-HxCDF	0.0	U	ppt	0
TP-01	1	1,2,3,7,8-PeCDD	0.0	U	ppt	0.0
TP-01	0.03	1,2,3,7,8-PeCDF	10		ppt	0.30
TP-01	0.1	2,3,4,6,7,8-HxCDF	2.3	EMPC J	ppt	0
TP-01	0.3	2,3,4,7,8-PeCDF	13.7		ppt	4.1
TP-01	1	2,3,7,8-TCDD	21.1		ppt	21
TP-01	0.1	2,3,7,8-TCDF	772		ppt	77
TP-01	0.0003	OCDD	15,500	B	ppt	4.7
TP-01	0.0003	OCDF	126	B	ppt	0.04
<b>TCDD TEQ</b>						<b>141</b>

**TABLE A-6**  
**Calculation of TCDD TEQ for Residual Waste**  
**Area-Wide Non-PCB Constituent Screening Evaluation**

Sample Location	TEF	Analyte	Result Value	Result Qualifiers	Units	TEQ
TP-04	0.01	1,2,3,4,6,7,8-HpCDD	859	B	ppt	9
TP-04	0.01	1,2,3,4,6,7,8-HpCDF	53.3	B	ppt	0.5
TP-04	0.01	1,2,3,4,7,8,9-HpCDF	0.0	U	ppt	0.00
TP-04	0.1	1,2,3,4,7,8-HxCDD	1.8		ppt	0
TP-04	0.1	1,2,3,4,7,8-HxCDF	9.1	B	ppt	0.9
TP-04	0.1	1,2,3,6,7,8-HxCDD	66.7		ppt	7
TP-04	0.1	1,2,3,6,7,8-HxCDF	1.7	EMPC J	ppt	0.17
TP-04	0.1	1,2,3,7,8,9-HxCDD	34		ppt	3
TP-04	0.1	1,2,3,7,8,9-HxCDF	0.0	U	ppt	0
TP-04	1	1,2,3,7,8-PeCDD	3.4		ppt	3.4
TP-04	0.03	1,2,3,7,8-PeCDF	10		ppt	0.30
TP-04	0.1	2,3,4,6,7,8-HxCDF	4.7		ppt	0
TP-04	0.3	2,3,4,7,8-PeCDF	11.9		ppt	3.6
TP-04	1	2,3,7,8-TCDD	21.7		ppt	22
TP-04	0.1	2,3,7,8-TCDF	576		ppt	58
TP-04	0.0003	OCDD	9,680	B	ppt	2.9
TP-04	0.0003	OCDF	174	B	ppt	0.05
<b>TCDD TEQ</b>						<b>110</b>

Notes:

B - blank contamination  
 EMPC - estimated maximum possible concentration  
 HpCDD - Heptachlorodibenzo-p-dioxin  
 HpCDF - Heptachlorodibenzo-p-furan  
 HxCDD - Hexachlorodibenzo-p-dioxin  
 HxCDF - Hexachlorodibenzo-p-furan  
 HxCDF - Hexachlorodibenzo-p-furan  
 HxCDF - Hexachlorodibenzo-p-furan  
 J - estimated concentration  
 OCDD - Octachlorodibenzodioxin  
 OCDF - Octachlorodibenzofuran  
 PCB - polychlorinated biphenyl  
 PeCDD - Pentachlorodibenzo-p-dioxin  
 PeCDF - Pentachlorodibenzofuran  
 ppt - parts per trillion  
 Q - data retained  
 R - sample results are rejected  
 S - compound exceeded normal dynamic range  
 TCDD - Tetrachlorodibenzo-p-dioxin  
 TCDF - Tetrachlorodibenzo-p-furan  
 TEF - toxic equivalency factor  
 TEQ - toxic equivalence quotient  
 U - analyte not detected above detection limit

PREPARED BY/DATE: MKB 1/7/15  
 CHECKED BY/DATE: RRP 1/12/15

TABLE A-7  
Data Summary Table for Non-Detected Constituents in Paper Residuals

Sample Locaton: Sample Date: Unit: Starting Depth (inches): Ending Depth (inches):	AMW-10B		AMW-6B		AMW-7B		A-MW-8A	AMW-8B		AMW-9B	
	mg/Kg	ug/Kg	mg/Kg	ug/Kg	mg/Kg	ug/Kg	mg/Kg	mg/Kg	ug/Kg	mg/Kg	ug/Kg
	26	26	12	12	20	20	12	24	24	24	24
	27	27	14	14	22	22	12.5	24.5	24.5	26	26
1,1,1-Trichloroethane	NS	120 U	NS	26 U	NS	29 U	0.11 U	NS	2600 U	NS	140 U
1,1,2,2-Tetrachloroethane	NS	120 U	NS	26 U	NS	29 U	0.11 U	NS	2600 U	NS	140 U
1,1,2-Trichloroethane	NS	120 U	NS	26 U	NS	29 U	0.11 U	NS	2600 U	NS	140 U
1,1-Dichloroethane	NS	120 U	NS	26 U	NS	29 U	0.11 U	NS	2600 U	NS	140 U
1,1-Dichloroethene	NS	120 U	NS	26 U	NS	29 U	0.11 U	NS	2600 U	NS	140 U
1,2-Dichloroethane	NS	120 U	NS	26 U	NS	29 U	0.11 U	NS	2600 U	NS	140 U
1,2-Dichloroethene (total)	NS	120 U	NS	26 U	NS	29 U	0.11 U	NS	2600 U	NS	140 U
1,2-Dichloropropane	NS	120 U	NS	26 U	NS	29 U	0.11 U	NS	2600 U	NS	140 U
2,2'-Oxybis(1-Chloropropane)	NS	9900 U	NS	4300 U	NS	4000 U	NS	NS	60000 U	NS	43000 U
2,4-Dichlorophenol	NS	9900 U	NS	4300 U	NS	4000 U	5.2 U	NS	60000 U	NS	43000 U
2,4-Dinitrophenol	NS	24000 U	NS	10000 UJ	NS	9800 U	12 UJ	NS	150000 U	NS	100000 U
2,4-Dinitrotoluene	NS	9900 U	NS	4300 U	NS	4000 U	5.2 U	NS	60000 U	NS	43000 U
2,6-Dinitrotoluene	NS	9900 U	NS	4300 U	NS	4000 U	5.2 U	NS	60000 U	NS	43000 U
2-Chloronaphthalene	NS	9900 U	NS	4300 U	NS	4000 U	5.2 U	NS	60000 U	NS	43000 U
2-Chlorophenol	NS	9900 U	NS	4300 U	NS	4000 U	5.2 U	NS	60000 U	NS	43000 U
2-Nitroaniline	NS	24000 U	NS	10000 U	NS	9800 U	12 U	NS	150000 U	NS	100000 U
2-Nitrophenol	NS	9900 U	NS	4300 U	NS	4000 U	5.2 U	NS	60000 U	NS	43000 U
3,3'-Dichlorobenzidine	NS	9900 UJ	NS	4300 U	NS	4000 U	5.2 U	NS	60000 U	NS	43000 U
3-Nitroaniline	NS	24000 U	NS	10000 U	NS	9800 U	12 U	NS	150000 U	NS	100000 UJ
4,6-Dinitro-2-methylphenol	NS	24000 U	NS	10000 U	NS	9800 U	12 UJ	NS	150000 U	NS	100000 U
4-Bromophenyl phenyl ether	NS	9900 U	NS	4300 U	NS	4000 U	5.2 U	NS	60000 U	NS	43000 U
4-Chloro-3-Methylphenol	NS	9900 U	NS	4300 U	NS	4000 U	5.2 U	NS	60000 U	NS	43000 U
4-Chloroaniline	NS	9900 U	NS	4300 U	NS	4000 U	5.2 U	NS	60000 U	NS	43000 U
4-Chlorophenyl phenyl ether	NS	9900 U	NS	4300 U	NS	4000 U	5.2 U	NS	60000 U	NS	43000 U
4-Nitroaniline	NS	24000 U	NS	10000 U	NS	9800 U	12 UJ	NS	150000 U	NS	100000 U
4-Nitrophenol	NS	24000 U	NS	10000 U	NS	9800 U	12 U	NS	150000 UJ	NS	100000 UJ
Acenaphthene	NS	9900 U	NS	4300 U	NS	4000 U	5.2 U	NS	60000 U	NS	43000 U
Acenaphthylene	NS	9900 U	NS	4300 U	NS	4000 U	5.2 U	NS	60000 U	NS	43000 U
Anthracene	NS	9900 U	NS	4300 U	NS	4000 U	5.2 U	NS	60000 U	NS	43000 U
Benzo(a)pyrene	NS	9900 U	NS	4300 U	NS	4000 U	5.2 U	NS	60000 U	NS	43000 U
Benzo(b)fluoranthene	NS	9900 U	NS	4300 U	NS	4000 U	5.2 U	NS	60000 U	NS	43000 U
Benzo(g,h,i)perylene	NS	9900 U	NS	4300 U	NS	4000 U	5.2 U	NS	60000 UJ	NS	43000 U
Benzo(k)fluoranthene	NS	9900 U	NS	4300 U	NS	4000 U	5.2 U	NS	60000 U	NS	43000 U
bis(2-Chloroethoxy)methane	NS	9900 U	NS	4300 U	NS	4000 U	5.2 U	NS	60000 U	NS	43000 U
bis(2-Chloroisopropyl)ether	NS	NS	NS	NS	NS	NS	5.2 U	NS	NS	NS	NS
Bromodichloromethane	NS	120 U	NS	26 U	NS	29 U	0.11 U	NS	2600 U	NS	140 U
Bromoform	NS	120 U	NS	26 U	NS	29 U	0.11 U	NS	2600 U	NS	140 U
Bromomethane (Methyl bromide)	NS	120 U	NS	26 U	NS	29 U	0.11 U	NS	2600 U	NS	140 U
Carbazole	NS	9900 UJ	NS	4300 U	NS	4000 U	5.2 U	NS	60000 U	NS	43000 U
Chloroethane	NS	120 U	NS	26 U	NS	29 U	0.11 U	NS	2600 U	NS	140 U
Chloromethane (Methyl chloride)	NS	120 U	NS	26 U	NS	29 U	0.11 U	NS	2600 U	NS	140 U
Dibenzo(a,h)anthracene	NS	9900 U	NS	4300 U	NS	4000 U	5.2 U	NS	60000 U	NS	43000 U
Dibenzofuran	NS	9900 U	NS	4300 U	NS	4000 U	5.2 U	NS	60000 U	NS	43000 U
Dibromochloromethane	NS	120 U	NS	26 U	NS	29 U	0.11 U	NS	2600 U	NS	140 U
Dieldrin	NS	50 U	NS	87 U	NS	82 U	0.25 U	NS	160 U	NS	87 U
Dimethyl phthalate	NS	9900 U	NS	4300 U	NS	4000 U	5.2 U	NS	60000 U	NS	43000 U
Endosulfan I	NS	26 U	NS	45 U	NS	42 U	0.13 U	NS	82 U	NS	45 U
Endosulfan Sulfate	NS	50 U	NS	87 U	NS	82 U	0.25 U	NS	160 U	NS	87 U
Endrin	NS	50 U	NS	87 U	NS	82 U	0.25 U	NS	160 U	NS	87 U

TABLE A-7  
Data Summary Table for Non-Detected Constituents in Paper Residuals

Sample Locaton: Sample Date: Unit: Starting Depth (inches): Ending Depth (inches):	AMW-10B		AMW-6B		AMW-7B		A-MW-8A	AMW-8B		AMW-9B	
	mg/Kg	ug/Kg	mg/Kg	ug/Kg	mg/Kg	ug/Kg	mg/Kg	mg/Kg	ug/Kg	mg/Kg	ug/Kg
	26	26	12	12	20	20	12	24	24	24	24
	27	27	14	14	22	22	12.5	24.5	24.5	26	26
Endrin Ketone	NS	50 U	NS	87 U	NS	82 U	0.25 U	NS	160 U	NS	87 U
Gamma-BHC (Lindane)	NS	26 UJ	NS	45 U	NS	NA R	0.13 U	NS	82 UJ	NS	NA R
Heptachlor	NS	26 U	NS	45 U	NS	42 U	0.13 U	NS	82 U	NS	45 U
Heptachlor Epoxide	NS	26 U	NS	45 U	NS	42 U	0.13 U	NS	82 U	NS	45 U
Hexachlorobenzene	NS	9900 U	NS	4300 U	NS	4000 U	5.2 U	NS	60000 U	NS	43000 U
Hexachlorobutadiene	NS	9900 U	NS	4300 U	NS	4000 U	5.2 U	NS	60000 U	NS	43000 U
Hexachlorocyclopentadiene	NS	9900 U	NS	4300 U	NS	4000 U	5.2 U	NS	60000 U	NS	43000 U
Hexachloroethane	NS	9900 U	NS	4300 U	NS	4000 U	5.2 U	NS	60000 U	NS	43000 U
Indeno(1,2,3-cd)pyrene	NS	9900 U	NS	4300 U	NS	4000 U	5.2 U	NS	60000 U	NS	43000 U
Isophorone	NS	9900 U	NS	4300 U	NS	4000 U	5.2 U	NS	60000 U	NS	43000 U
Methoxychlor	NS	260 U	NS	450 U	NS	420 U	1.3 U	NS	820 U	NS	450 U
Nitrobenzene	NS	9900 U	NS	4300 U	NS	4000 U	5.2 U	NS	60000 U	NS	43000 U
N-Nitroso-di-n-propylamine	NS	9900 U	NS	4300 U	NS	4000 U	5.2 U	NS	60000 U	NS	43000 U
N-Nitrosodiphenylamine	NS	9900 U	NS	4300 U	NS	4000 U	5.2 U	NS	60000 UJ	NS	43000 U
Thallium	1.1 U	NS	1.2 U	NS	0.86 U	NS	0.74 U	0.94 U	NS	0.74 U	NS
Toxaphene	NS	2600 U	NS	4500 U	NS	4200 U	13 U	NS	8200 U	NS	4500 U
trans-1,3-Dichloropropene	NS	120 U	NS	26 U	NS	29 U	0.11 U	NS	2600 U	NS	140 U
Trichloroethene	NS	120 U	NS	26 U	NS	29 U	0.11 U	NS	2600 U	NS	140 U
Vinyl Chloride	NS	120 U	NS	26 U	NS	29 U	0.11 U	NS	2600 U	NS	140 U

Notes:

NA - Not Available

NS - Not Sampled

mg/kg - milligrams per kilogram

ug/kg - microgram per kilogram

TABLE A-7  
Data Summary Table for Non-Detected Constituents in Paper Residuals

Sample Locaton: Sample Date: Unit: Starting Depth (inches): Ending Depth (inches):	AS-1		AS-2		AS-3		B1-1		B1-2		B1-3	
	mg/Kg	ug/Kg	mg/Kg	ug/Kg	mg/Kg	ug/Kg	mg/Kg	ug/Kg	mg/Kg	ug/Kg	mg/Kg	ug/Kg
	18	18	26	26	18	18	28	28	26	26	28	28
	20	20	27	27	20	20	30	30	27.75	27.75	30	30
1,1,1-Trichloroethane	NS	66 U	NS	2800 UJ	NS	24 U	NS	92 U	NS	98 U	NS	92 U
1,1,2,2-Tetrachloroethane	NS	66 U	NS	2800 UJ	NS	24 U	NS	92 U	NS	98 U	NS	92 U
1,1,2-Trichloroethane	NS	66 U	NS	2800 UJ	NS	24 U	NS	92 U	NS	98 U	NS	92 U
1,1-Dichloroethane	NS	66 U	NS	2800 UJ	NS	24 U	NS	92 U	NS	98 U	NS	92 U
1,1-Dichloroethene	NS	66 U	NS	2800 UJ	NS	24 U	NS	92 U	NS	98 U	NS	92 U
1,2-Dichloroethane	NS	66 U	NS	2800 UJ	NS	24 U	NS	92 U	NS	98 U	NS	92 U
1,2-Dichloroethene (total)	NS	66 U	NS	2800 UJ	NS	24 U	NS	92 U	NS	98 U	NS	92 U
1,2-Dichloropropane	NS	66 U	NS	2800 UJ	NS	24 U	NS	92 U	NS	98 U	NS	92 U
2,2'-Oxybis(1-Chloropropane)	NS	48000 U	NS	9700 U	NS	40000 U	NS	3300 U	NS	2800 U	NS	6600 U
2,4-Dichlorophenol	NS	48000 U	NS	9700 U	NS	40000 U	NS	3300 U	NS	2800 U	NS	6600 U
2,4-Dinitrophenol	NS	120000 UJ	NS	24000 UJ	NS	98000 UJ	NS	7900 U	NS	6800 U	NS	16000 U
2,4-Dinitrotoluene	NS	48000 U	NS	9700 U	NS	40000 U	NS	3300 U	NS	2800 U	NS	6600 U
2,6-Dinitrotoluene	NS	48000 U	NS	9700 U	NS	40000 U	NS	3300 U	NS	2800 U	NS	6600 U
2-Chloronaphthalene	NS	48000 U	NS	9700 U	NS	40000 U	NS	3300 U	NS	2800 U	NS	6600 U
2-Chlorophenol	NS	48000 U	NS	9700 U	NS	40000 U	NS	3300 U	NS	2800 U	NS	6600 U
2-Nitroaniline	NS	120000 U	NS	24000 U	NS	98000 U	NS	7900 U	NS	6800 U	NS	16000 U
2-Nitrophenol	NS	48000 U	NS	9700 U	NS	40000 U	NS	3300 U	NS	2800 U	NS	6600 U
3,3'-Dichlorobenzidine	NS	48000 U	NS	9700 U	NS	40000 U	NS	3300 U	NS	2800 U	NS	6600 U
3-Nitroaniline	NS	120000 U	NS	24000 U	NS	98000 U	NS	7900 U	NS	6800 U	NS	16000 U
4,6-Dinitro-2-methylphenol	NS	120000 U	NS	24000 UJ	NS	98000 U	NS	7900 U	NS	6800 U	NS	16000 U
4-Bromophenyl phenyl ether	NS	48000 U	NS	9700 U	NS	40000 U	NS	3300 U	NS	2800 U	NS	6600 U
4-Chloro-3-Methylphenol	NS	48000 U	NS	9700 U	NS	40000 U	NS	3300 U	NS	2800 U	NS	6600 U
4-Chloroaniline	NS	48000 U	NS	9700 U	NS	40000 U	NS	3300 U	NS	2800 U	NS	6600 U
4-Chlorophenyl phenyl ether	NS	48000 U	NS	9700 U	NS	40000 U	NS	3300 U	NS	2800 U	NS	6600 U
4-Nitroaniline	NS	120000 UJ	NS	24000 U	NS	98000 UJ	NS	7900 U	NS	6800 U	NS	16000 U
4-Nitrophenol	NS	120000 U	NS	24000 U	NS	98000 U	NS	7900 U	NS	6800 U	NS	16000 U
Acenaphthene	NS	48000 U	NS	9700 U	NS	40000 U	NS	3300 U	NS	2800 U	NS	6600 U
Acenaphthylene	NS	48000 U	NS	9700 U	NS	40000 U	NS	3300 U	NS	2800 U	NS	6600 U
Anthracene	NS	48000 U	NS	9700 U	NS	40000 U	NS	3300 U	NS	2800 U	NS	6600 U
Benzo(a)pyrene	NS	48000 U	NS	9700 U	NS	40000 U	NS	3300 U	NS	2800 U	NS	6600 U
Benzo(b)fluoranthene	NS	48000 U	NS	9700 U	NS	40000 U	NS	3300 U	NS	2800 U	NS	6600 U
Benzo(g,h,i)perylene	NS	48000 U	NS	9700 U	NS	40000 U	NS	3300 U	NS	2800 U	NS	6600 U
Benzo(k)fluoranthene	NS	48000 U	NS	9700 U	NS	40000 U	NS	3300 U	NS	2800 U	NS	6600 U
bis(2-Chloroethoxy)methane	NS	48000 U	NS	9700 U	NS	40000 U	NS	3300 U	NS	2800 U	NS	6600 U
bis(2-Chloroisopropyl)ether	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Bromodichloromethane	NS	66 U	NS	2800 UJ	NS	24 U	NS	92 U	NS	98 U	NS	92 U
Bromoform	NS	66 U	NS	2800 UJ	NS	24 U	NS	92 U	NS	98 U	NS	92 U
Bromomethane (Methyl bromide)	NS	66 U	NS	2800 UJ	NS	24 U	NS	92 U	NS	98 U	NS	92 U
Carbazole	NS	48000 U	NS	9700 U	NS	40000 U	NS	3300 U	NS	2800 U	NS	6600 U
Chloroethane	NS	66 U	NS	2800 UJ	NS	24 U	NS	92 U	NS	98 U	NS	92 U
Chloromethane (Methyl chloride)	NS	66 U	NS	2800 UJ	NS	24 U	NS	92 U	NS	98 U	NS	92 U
Dibenzo(a,h)anthracene	NS	48000 U	NS	9700 U	NS	40000 U	NS	3300 U	NS	2800 U	NS	6600 U
Dibenzofuran	NS	48000 U	NS	9700 U	NS	40000 U	NS	3300 U	NS	2800 U	NS	6600 U
Dibromochloromethane	NS	66 U	NS	2800 UJ	NS	24 U	NS	92 U	NS	98 U	NS	92 U
Dieldrin	NS	190 U	NS	190 U	NS	820 U	NS	240 U	NS	140 U	NS	67 U
Dimethyl phthalate	NS	48000 U	NS	9700 U	NS	40000 U	NS	3300 U	NS	2800 U	NS	6600 U
Endosulfan I	NS	98 U	NS	100 U	NS	420 U	NS	120 U	NS	72 U	NS	35 U
Endosulfan Sulfate	NS	190 U	NS	190 U	NS	820 U	NS	240 U	NS	140 U	NS	67 U
Endrin	NS	190 U	NS	190 U	NS	820 U	NS	240 U	NS	140 U	NS	67 U

TABLE A-7  
Data Summary Table for Non-Detected Constituents in Paper Residuals

Sample Locaton: Sample Date: Unit: Starting Depth (inches): Ending Depth (inches):	AS-1		AS-2		AS-3		B1-1		B1-2		B1-3	
	mg/Kg	ug/Kg	mg/Kg	ug/Kg	mg/Kg	ug/Kg	mg/Kg	ug/Kg	mg/Kg	ug/Kg	mg/Kg	ug/Kg
	18	18	26	26	18	18	28	28	26	26	28	28
	20	20	27	27	20	20	30	30	27.75	27.75	30	30
Endrin Ketone	NS	190 U	NS	190 U	NS	820 U	NS	240 U	NS	140 U	NS	67 U
Gamma-BHC (Lindane)	NS	98 U	NS	100 U	NS	420 U	NS	120 U	NS	72 U	NS	35 U
Heptachlor	NS	98 U	NS	100 U	NS	420 U	NS	120 U	NS	72 U	NS	35 U
Heptachlor Epoxide	NS	98 U	NS	100 U	NS	420 U	NS	120 U	NS	72 U	NS	35 U
Hexachlorobenzene	NS	48000 U	NS	9700 U	NS	40000 U	NS	3300 U	NS	2800 U	NS	6600 U
Hexachlorobutadiene	NS	48000 U	NS	9700 U	NS	40000 U	NS	3300 U	NS	2800 U	NS	6600 U
Hexachlorocyclopentadiene	NS	48000 U	NS	9700 UJ	NS	40000 U	NS	3300 U	NS	2800 U	NS	6600 U
Hexachloroethane	NS	48000 U	NS	9700 U	NS	40000 U	NS	3300 U	NS	2800 U	NS	6600 U
Indeno(1,2,3-cd)pyrene	NS	48000 U	NS	9700 U	NS	40000 U	NS	3300 U	NS	2800 U	NS	6600 U
Isophorone	NS	48000 U	NS	9700 U	NS	40000 U	NS	3300 U	NS	2800 U	NS	6600 U
Methoxychlor	NS	980 U	NS	1000 U	NS	4200 U	NS	1200 U	NS	720 U	NS	350 U
Nitrobenzene	NS	48000 U	NS	9700 U	NS	40000 U	NS	3300 U	NS	2800 U	NS	6600 U
N-Nitroso-di-n-propylamine	NS	48000 U	NS	9700 U	NS	40000 U	NS	3300 U	NS	2800 U	NS	6600 U
N-Nitrosodiphenylamine	NS	48000 U	NS	9700 U	NS	40000 U	NS	3300 U	NS	2800 U	NS	6600 U
Thallium	1.5 UW	NS	1.3 U	NS	1.2 U	NS	1.2 U	NS	1 U	NS	0.89 U	NS
Toxaphene	NS	9800 U	NS	10000 U	NS	42000 U	NS	12000 U	NS	7200 U	NS	3500 U
trans-1,3-Dichloropropene	NS	66 U	NS	2800 UJ	NS	24 U	NS	92 U	NS	98 U	NS	92 U
Trichloroethene	NS	66 U	NS	2800 UJ	NS	24 U	NS	92 U	NS	98 U	NS	92 U
Vinyl Chloride	NS	66 U	NS	2800 UJ	NS	24 U	NS	92 U	NS	98 U	NS	92 U

Notes:  
NA - Not Available  
NS - Not Sampled  
mg/kg - milligrams per kilogram  
ug/kg - microgram per kilogram

TABLE A-7  
Data Summary Table for Non-Detected Constituents in Paper Residuals

Sample Locaton: Sample Date: Unit: Starting Depth (inches): Ending Depth (inches):	B2-1		B2-2		B2-3		B3-1		B3-2		B3-3	
	mg/Kg	ug/Kg	mg/Kg	ug/Kg	mg/Kg	ug/Kg	mg/Kg	ug/Kg	mg/Kg	ug/Kg	mg/Kg	ug/Kg
	30	30	24	24	20	20	20	20	22	22	16	16
	32	32	25	25	20.9	20.9	22	22	22.75	22.75	17.4	17.4
1,1,1-Trichloroethane	NS	83 U	NS	110 U	NS	2800 UJ	NS	2800 UJ	NS	120 U	NS	2000 U
1,1,2,2-Tetrachloroethane	NS	83 U	NS	110 U	NS	2800 UJ	NS	2800 UJ	NS	120 U	NS	2000 U
1,1,2-Trichloroethane	NS	83 U	NS	110 U	NS	2800 UJ	NS	2800 UJ	NS	120 U	NS	2000 U
1,1-Dichloroethane	NS	83 U	NS	110 U	NS	2800 UJ	NS	2800 UJ	NS	120 U	NS	2000 U
1,1-Dichloroethene	NS	83 U	NS	110 U	NS	2800 UJ	NS	2800 UJ	NS	120 U	NS	2000 U
1,2-Dichloroethane	NS	83 U	NS	110 U	NS	2800 UJ	NS	2800 UJ	NS	120 UJ	NS	2000 U
1,2-Dichloroethene (total)	NS	83 U	NS	110 U	NS	2800 UJ	NS	2800 UJ	NS	120 U	NS	2000 U
1,2-Dichloropropane	NS	83 U	NS	110 U	NS	2800 UJ	NS	2800 UJ	NS	120 U	NS	2000 U
2,2'-Oxybis(1-Chloropropane)	NS	13000 U	NS	15000 U	NS	28000 U	NS	29000 U	NS	16000 UJ	NS	23000 U
2,4-Dichlorophenol	NS	13000 U	NS	15000 U	NS	28000 U	NS	29000 U	NS	16000 U	NS	23000 U
2,4-Dinitrophenol	NS	32000 U	NS	36000 U	NS	67000 U	NS	70000 U	NS	38000 U	NS	56000 U
2,4-Dinitrotoluene	NS	13000 U	NS	15000 U	NS	28000 U	NS	29000 U	NS	16000 U	NS	23000 U
2,6-Dinitrotoluene	NS	13000 U	NS	15000 U	NS	28000 U	NS	29000 U	NS	16000 U	NS	23000 U
2-Chloronaphthalene	NS	13000 U	NS	15000 U	NS	28000 U	NS	29000 U	NS	16000 U	NS	23000 U
2-Chlorophenol	NS	13000 U	NS	15000 U	NS	28000 U	NS	29000 U	NS	16000 U	NS	23000 U
2-Nitroaniline	NS	32000 U	NS	36000 U	NS	67000 U	NS	70000 U	NS	38000 UJ	NS	56000 U
2-Nitrophenol	NS	13000 U	NS	15000 U	NS	28000 U	NS	29000 U	NS	16000 U	NS	23000 U
3,3'-Dichlorobenzidine	NS	13000 UJ	NS	15000 UJ	NS	28000 U	NS	29000 U	NS	16000 U	NS	23000 U
3-Nitroaniline	NS	32000 UJ	NS	36000 UJ	NS	67000 U	NS	70000 U	NS	38000 U	NS	56000 U
4,6-Dinitro-2-methylphenol	NS	32000 U	NS	36000 U	NS	67000 U	NS	70000 U	NS	38000 U	NS	56000 U
4-Bromophenyl phenyl ether	NS	13000 U	NS	15000 U	NS	28000 U	NS	29000 U	NS	16000 U	NS	23000 U
4-Chloro-3-Methylphenol	NS	13000 U	NS	15000 U	NS	28000 U	NS	29000 U	NS	16000 U	NS	23000 U
4-Chloroaniline	NS	13000 UJ	NS	15000 UJ	NS	28000 U	NS	29000 U	NS	16000 U	NS	23000 U
4-Chlorophenyl phenyl ether	NS	13000 U	NS	15000 U	NS	28000 U	NS	29000 U	NS	16000 U	NS	23000 U
4-Nitroaniline	NS	32000 UJ	NS	36000 UJ	NS	67000 U	NS	70000 U	NS	38000 UJ	NS	56000 U
4-Nitrophenol	NS	32000 U	NS	36000 U	NS	67000 UJ	NS	70000 UJ	NS	38000 U	NS	56000 UJ
Acenaphthene	NS	13000 U	NS	15000 U	NS	28000 U	NS	29000 U	NS	16000 U	NS	23000 U
Acenaphthylene	NS	13000 U	NS	15000 U	NS	28000 U	NS	29000 U	NS	16000 U	NS	23000 U
Anthracene	NS	13000 U	NS	15000 U	NS	28000 U	NS	29000 U	NS	16000 U	NS	23000 U
Benzo(a)pyrene	NS	13000 U	NS	15000 U	NS	28000 U	NS	29000 U	NS	16000 U	NS	23000 U
Benzo(b)fluoranthene	NS	13000 U	NS	15000 U	NS	28000 U	NS	29000 U	NS	16000 U	NS	23000 U
Benzo(g,h,i)perylene	NS	13000 U	NS	15000 U	NS	28000 U	NS	29000 U	NS	16000 U	NS	23000 U
Benzo(k)fluoranthene	NS	13000 U	NS	15000 U	NS	28000 U	NS	29000 U	NS	16000 U	NS	23000 U
bis(2-Chloroethoxy)methane	NS	13000 U	NS	15000 U	NS	28000 U	NS	29000 U	NS	16000 U	NS	23000 U
bis(2-Chloroisopropyl)ether	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Bromodichloromethane	NS	83 U	NS	110 U	NS	2800 UJ	NS	2800 UJ	NS	120 U	NS	2000 U
Bromoform	NS	83 U	NS	110 U	NS	2800 UJ	NS	2800 UJ	NS	120 U	NS	2000 U
Bromomethane (Methyl bromide)	NS	83 U	NS	110 U	NS	2800 UJ	NS	2800 UJ	NS	120 U	NS	2000 U
Carbazole	NS	13000 U	NS	15000 U	NS	28000 U	NS	29000 U	NS	16000 UJ	NS	23000 U
Chloroethane	NS	83 U	NS	110 U	NS	2800 UJ	NS	2800 UJ	NS	120 U	NS	2000 U
Chloromethane (Methyl chloride)	NS	83 U	NS	110 U	NS	2800 UJ	NS	2800 UJ	NS	120 U	NS	2000 U
Dibenzo(a,h)anthracene	NS	13000 U	NS	15000 U	NS	28000 U	NS	29000 U	NS	16000 U	NS	23000 U
Dibenzofuran	NS	13000 U	NS	15000 U	NS	28000 U	NS	29000 U	NS	16000 U	NS	23000 U
Dibromochloromethane	NS	83 U	NS	110 U	NS	2800 UJ	NS	2800 UJ	NS	120 U	NS	2000 U
Dieldrin	NS	66 U	NS	75 U	NS	84 U	NS	86 U	NS	310 U	NS	70 U
Dimethyl phthalate	NS	13000 U	NS	15000 U	NS	28000 U	NS	29000 U	NS	16000 U	NS	23000 U
Endosulfan I	NS	34 U	NS	39 U	NS	43 U	NS	44 U	NS	160 U	NS	36 U
Endosulfan Sulfate	NS	66 U	NS	75 U	NS	84 U	NS	86 U	NS	310 U	NS	70 U
Endrin	NS	66 U	NS	75 U	NS	84 U	NS	86 U	NS	310 U	NS	70 U



TABLE A-7  
Data Summary Table for Non-Detected Constituents in Paper Residuals

Sample Locaton: Sample Date: Unit: Starting Depth (inches): Ending Depth (inches):	B2-1		B2-2		B2-3		B3-1		B3-2		B3-3	
	mg/Kg	ug/Kg	mg/Kg	ug/Kg	mg/Kg	ug/Kg	mg/Kg	ug/Kg	mg/Kg	ug/Kg	mg/Kg	ug/Kg
	30	30	24	24	20	20	20	20	22	22	16	16
	32	32	25	25	20.9	20.9	22	22	22.75	22.75	17.4	17.4
Endrin Ketone	NS	66 U	NS	75 U	NS	84 U	NS	86 U	NS	310 U	NS	70 U
Gamma-BHC (Lindane)	NS	34 U	NS	39 U	NS	43 U	NS	44 U	NS	160 U	NS	36 U
Heptachlor	NS	34 U	NS	39 U	NS	43 U	NS	44 U	NS	160 U	NS	36 U
Heptachlor Epoxide	NS	34 U	NS	39 U	NS	43 U	NS	44 U	NS	160 U	NS	36 U
Hexachlorobenzene	NS	13000 U	NS	15000 U	NS	28000 U	NS	29000 U	NS	16000 U	NS	23000 U
Hexachlorobutadiene	NS	13000 U	NS	15000 U	NS	28000 U	NS	29000 U	NS	16000 UJ	NS	23000 U
Hexachlorocyclopentadiene	NS	13000 U	NS	15000 U	NS	28000 U	NS	29000 U	NS	16000 U	NS	23000 U
Hexachloroethane	NS	13000 U	NS	15000 U	NS	28000 U	NS	29000 U	NS	16000 U	NS	23000 U
Indeno(1,2,3-cd)pyrene	NS	13000 U	NS	15000 U	NS	28000 U	NS	29000 U	NS	16000 U	NS	23000 U
Isophorone	NS	13000 U	NS	15000 U	NS	28000 U	NS	29000 U	NS	16000 U	NS	23000 U
Methoxychlor	NS	340 U	NS	390 U	NS	430 U	NS	440 U	NS	1600 U	NS	360 U
Nitrobenzene	NS	13000 U	NS	15000 U	NS	28000 U	NS	29000 U	NS	16000 U	NS	23000 U
N-Nitroso-di-n-propylamine	NS	13000 U	NS	15000 U	NS	28000 U	NS	29000 U	NS	16000 U	NS	23000 U
N-Nitrosodiphenylamine	NS	13000 U	NS	15000 U	NS	28000 U	NS	29000 U	NS	16000 U	NS	23000 U
Thallium	0.66 U	NS	1 U	NS	1.1 U	NS	0.72 U	NS	0.88 U	NS	0.73 U	NS
Toxaphene	NS	3400 U	NS	3900 U	NS	4300 U	NS	4400 U	NS	16000 U	NS	3600 U
trans-1,3-Dichloropropene	NS	83 U	NS	110 U	NS	2800 UJ	NS	2800 UJ	NS	120 U	NS	2000 U
Trichloroethene	NS	83 U	NS	110 U	NS	2800 UJ	NS	2800 UJ	NS	120 U	NS	2000 U
Vinyl Chloride	NS	83 U	NS	110 U	NS	2800 UJ	NS	2800 UJ	NS	120 U	NS	2000 U

Notes:  
NA - Not Available  
NS - Not Sampled  
mg/kg - milligrams per kilogram  
ug/kg - microgram per kilogram

**TABLE A-7**  
**Data Summary Table for Non-Detected Constituents in Paper Residuals**

Sample Locaton: Sample Date: Unit: Starting Depth (inches): Ending Depth (inches):	BHDL-123 mg/Kg 8 9.5	BHDL-22 mg/Kg 10 12	BMP-2 mg/Kg 36 48	DLHB-1 mg/Kg 14 16	DLHB-2 mg/Kg 6 8	DLHB-3 mg/Kg 6 8	DLHB-6 mg/Kg 10 12	FLF-1 mg/Kg 6 6.5	MLSS-1 mg/Kg 14 15.5	MLSS-2 mg/Kg 20 22	MLSS-3 mg/Kg 18 20
1,1,1-Trichloroethane	0.12 UJ	0.086 UJ	0.12 U	0.036 U	0.12 U	0.029 U	0.012 U	0.017 U	0.14 U	3.9 UJ	0.17 U
1,1,2,2-Tetrachloroethane	0.12 UJ	0.086 UJ	0.12 U	0.036 U	0.12 U	0.029 U	0.012 U	0.017 U	0.14 U	3.9 UJ	0.17 U
1,1,2-Trichloroethane	0.12 UJ	0.086 UJ	0.12 U	0.036 U	0.12 U	0.029 U	0.012 U	0.017 U	0.14 U	3.9 UJ	0.17 U
1,1-Dichloroethane	0.12 UJ	0.086 UJ	0.12 U	0.036 U	0.12 U	0.029 U	0.012 U	0.017 U	0.14 U	3.9 UJ	0.17 U
1,1-Dichloroethene	0.12 UJ	0.086 UJ	0.12 U	0.036 U	0.12 U	0.029 U	0.012 U	0.017 U	0.14 U	3.9 UJ	0.17 U
1,2-Dichloroethane	0.12 UJ	0.086 UJ	0.12 U	0.036 U	0.12 U	0.029 U	0.012 U	0.017 UJ	0.14 U	3.9 UJ	0.17 U
1,2-Dichloroethene (total)	0.12 UJ	0.086 UJ	0.12 U	0.036 U	0.12 U	0.029 U	0.012 U	0.017 U	0.14 U	3.9 UJ	0.17 U
1,2-Dichloropropane	0.12 UJ	0.086 UJ	0.12 U	0.036 U	0.12 U	0.029 U	0.012 U	0.017 U	0.14 U	3.9 UJ	0.17 U
2,2'-Oxybis(1-Chloropropane)	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
2,4-Dichlorophenol	46 U	9.4 U	2.5 U	2.8 U	3.7 U	1.9 U	0.999 R	8.8 U	0.999 R	13 U	13 U
2,4-Dinitrophenol	110 UJ	23 UJ	6 U	6.8 U	8.9 U	4.7 U	0.999 R	21 UJ	0.999 R	31 UJ	31 UJ
2,4-Dinitrotoluene	46 U	9.4 U	2.5 U	2.8 U	3.7 U	1.9 U	2.1 UJ	8.8 U	1.4 U	13 U	13 U
2,6-Dinitrotoluene	46 U	9.4 U	2.5 U	2.8 U	3.7 U	1.9 U	2.1 UJ	8.8 U	1.4 U	13 U	13 U
2-Chloronaphthalene	46 U	9.4 U	2.5 U	2.8 U	3.7 U	1.9 U	2.1 UJ	8.8 U	1.4 U	13 U	13 U
2-Chlorophenol	46 U	9.4 U	2.5 U	2.8 U	3.7 U	1.9 U	0.999 R	8.8 U	1.4 U	13 U	13 U
2-Nitroaniline	110 U	23 U	6 U	6.8 U	8.9 U	4.7 U	5.1 UJ	21 U	3.5 U	31 U	31 U
2-Nitrophenol	46 U	9.4 U	2.5 U	2.8 U	3.7 U	1.9 U	0.999 R	8.8 U	0.999 R	13 U	13 U
3,3'-Dichlorobenzidine	46 U	9.4 U	2.5 U	2.8 U	3.7 U	1.9 U	2.1 UJ	8.8 U	1.4 U	13 U	13 U
3-Nitroaniline	110 U	23 U	6 U	6.8 U	8.9 U	4.7 U	5.1 UJ	21 U	3.5 U	31 U	31 U
4,6-Dinitro-2-methylphenol	110 UJ	23 UJ	6 U	6.8 U	8.9 U	4.7 U	0.999 R	21 UJ	0.999 R	31 U	31 U
4-Bromophenyl phenyl ether	46 U	9.4 U	2.5 U	2.8 U	3.7 U	1.9 U	2.1 UJ	8.8 U	1.4 U	13 U	13 U
4-Chloro-3-Methylphenol	46 U	9.4 U	2.5 U	2.8 U	3.7 U	1.9 U	0.999 R	8.8 U	0.999 R	13 U	13 U
4-Chloroaniline	46 U	9.4 U	2.5 U	2.8 U	3.7 U	1.9 U	2.1 UJ	8.8 U	1.4 U	13 U	13 U
4-Chlorophenyl phenyl ether	46 U	9.4 U	2.5 U	2.8 U	3.7 U	1.9 U	2.1 UJ	8.8 U	1.4 U	13 U	13 U
4-Nitroaniline	110 UJ	23 UJ	6 U	6.8 U	8.9 U	4.7 U	5.1 UJ	21 U	3.5 U	31 U	31 U
4-Nitrophenol	110 UJ	23 UJ	6 U	6.8 U	8.9 U	4.7 U	0.999 R	21 U	0.999 R	31 U	31 U
Acenaphthene	46 U	9.4 U	2.5 U	2.8 U	3.7 U	1.9 U	2.1 UJ	8.8 U	1.4 U	13 U	13 U
Acenaphthylene	46 U	9.4 U	2.5 U	2.8 U	3.7 U	1.9 U	2.1 UJ	8.8 U	1.4 U	13 U	13 U
Anthracene	46 U	9.4 U	2.5 U	2.8 U	3.7 U	1.9 U	2.1 UJ	8.8 U	1.4 U	13 U	13 U
Benzo(a)pyrene	46 U	9.4 U	2.5 U	2.8 U	3.7 U	1.9 U	2.1 UJ	8.8 U	1.4 U	13 U	13 U
Benzo(b)fluoranthene	46 U	9.4 U	2.5 U	2.8 U	3.7 U	1.9 U	2.1 UJ	8.8 U	1.4 U	13 U	13 U
Benzo(g,h,i)perylene	46 UJ	9.4 UJ	2.5 U	2.8 U	3.7 U	1.9 U	2.1 UJ	8.8 U	1.4 U	13 U	13 U
Benzo(k)fluoranthene	46 U	9.4 U	2.5 U	2.8 U	3.7 U	1.9 U	2.1 UJ	8.8 U	1.4 U	13 U	13 U
bis(2-Chloroethoxy)methane	46 U	9.4 U	2.5 U	2.8 U	3.7 U	1.9 U	2.1 UJ	8.8 U	1.4 U	13 U	13 U
bis(2-Chloroisopropyl)ether	46 U	9.4 U	2.5 U	2.8 U	3.7 U	1.9 U	2.1 UJ	8.8 U	1.4 U	13 U	13 U
Bromodichloromethane	0.12 UJ	0.086 UJ	0.12 U	0.036 U	0.12 U	0.029 U	0.012 U	0.017 U	0.14 U	3.9 UJ	0.17 U
Bromoform	0.12 UJ	0.086 UJ	0.12 U	0.036 U	0.12 U	0.029 U	0.012 U	0.017 U	0.14 U	3.9 UJ	0.17 U
Bromomethane (Methyl bromide)	0.12 UJ	0.086 UJ	0.12 U	0.036 U	0.12 U	0.029 U	0.012 U	0.017 U	0.14 U	3.9 UJ	0.17 U
Carbazole	46 U	9.4 U	2.5 U	2.8 U	3.7 U	1.9 U	2.1 UJ	8.8 U	1.4 U	13 U	13 U
Chloroethane	0.12 UJ	0.086 UJ	0.12 U	0.036 U	0.12 U	0.029 U	0.012 U	0.017 UJ	0.14 U	3.9 UJ	0.17 U
Chloromethane (Methyl chloride)	0.12 UJ	0.086 UJ	0.12 U	0.036 U	0.12 U	0.029 U	0.012 U	0.017 U	0.14 U	3.9 UJ	0.17 U
Dibenzo(a,h)anthracene	46 U	9.4 U	2.5 U	2.8 U	3.7 U	1.9 U	2.1 UJ	8.8 U	1.4 U	13 U	13 U
Dibenzofuran	46 U	9.4 U	2.5 U	2.8 U	3.7 U	1.9 U	2.1 UJ	8.8 U	1.4 U	13 U	13 U
Dibromochloromethane	0.12 UJ	0.086 UJ	0.12 U	0.036 U	0.12 U	0.029 U	0.012 U	0.017 U	0.14 U	3.9 UJ	0.17 U
Dieldrin	0.18 U	0.094 U	0.087 U	0.014 U	0.0092 U	0.058 U	0.021 U	0.089 U	0.022 UJ	0.13 U	0.13 U
Dimethyl phthalate	46 U	9.4 U	2.5 U	2.8 U	3.7 U	1.9 U	2.1 UJ	8.8 U	1.4 U	13 U	13 U
Endosulfan I	0.094 U	0.049 U	0.045 U	0.0072 U	0.0047 U	0.03 U	0.011 U	0.046 U	0.011 UJ	0.065 U	0.065 U
Endosulfan Sulfate	0.18 U	0.094 U	0.087 U	0.014 U	0.0092 U	0.058 U	0.021 U	0.089 U	0.022 UJ	0.13 U	0.13 U
Endrin	0.18 U	0.094 U	0.087 U	0.014 U	0.0092 U	0.058 U	0.021 U	0.089 U	0.022 UJ	0.13 U	0.13 U

TABLE A-7  
Data Summary Table for Non-Detected Constituents in Paper Residuals

Sample Locaton: Sample Date: Unit: Starting Depth (inches): Ending Depth (inches):	BHDL-123 mg/Kg 8 9.5	BHDL-22 mg/Kg 10 12	BMP-2 mg/Kg 36 48	DLHB-1 mg/Kg 14 16	DLHB-2 mg/Kg 6 8	DLHB-3 mg/Kg 6 8	DLHB-6 mg/Kg 10 12	FLF-1 mg/Kg 6 6.5	MLSS-1 mg/Kg 14 15.5	MLSS-2 mg/Kg 20 22	MLSS-3 mg/Kg 18 20
Endrin Ketone	0.18 U	0.094 U	0.087 U	0.014 U	0.0092 U	0.058 U	0.021 U	0.089 U	0.022 UJ	0.13 U	0.13 U
Gamma-BHC (Lindane)	0.094 UJ	0.049 UJ	0.045 U	0.999 R	0.0047 U	0.03 U	0.011 U	0.046 UJ	0.011 UJ	0.065 U	0.065 U
Heptachlor	0.094 U	0.049 U	0.045 U	0.0072 U	0.0047 U	0.03 U	0.011 U	0.046 UJ	0.011 UJ	0.065 U	0.065 U
Heptachlor Epoxide	0.094 U	0.049 U	0.045 U	0.0072 U	0.0047 U	0.03 U	0.011 U	0.046 U	0.011 UJ	0.065 U	0.065 U
Hexachlorobenzene	46 U	9.4 U	2.5 U	2.8 U	3.7 U	1.9 U	2.1 UJ	8.8 U	1.4 U	13 U	13 U
Hexachlorobutadiene	46 U	9.4 U	2.5 U	2.8 U	3.7 U	1.9 U	2.1 UJ	8.8 U	1.4 U	13 U	13 U
Hexachlorocyclopentadiene	46 U	9.4 U	2.5 U	2.8 U	3.7 U	1.9 U	2.1 UJ	8.8 U	1.4 U	13 U	13 U
Hexachloroethane	46 U	9.4 U	2.5 U	2.8 U	3.7 U	1.9 U	2.1 UJ	8.8 U	1.4 U	13 U	13 U
Indeno(1,2,3-cd)pyrene	46 U	9.4 U	2.5 U	2.8 U	3.7 U	1.9 U	2.1 UJ	8.8 U	1.4 U	13 U	13 U
Isophorone	46 U	9.4 U	2.5 U	2.8 U	3.7 U	1.9 U	2.1 UJ	8.8 U	1.4 U	13 U	13 U
Methoxychlor	0.94 U	0.49 U	0.45 U	0.072 U	0.047 U	0.3 U	0.11 U	0.46 U	0.11 UJ	0.65 U	0.65 U
Nitrobenzene	46 U	9.4 U	2.5 U	2.8 U	3.7 U	1.9 U	2.1 UJ	8.8 U	1.4 U	13 U	13 U
N-Nitroso-di-n-propylamine	46 U	9.4 U	2.5 U	2.8 U	3.7 U	1.9 U	2.1 UJ	8.8 UJ	1.4 U	13 U	13 U
N-Nitrosodiphenylamine	46 U	9.4 U	2.5 U	2.8 U	3.7 U	1.9 U	2.1 UJ	8.8 U	1.4 U	13 U	13 U
Thallium	0.84 U	1.1 U	1.1 U	0.88 U	1.3 U	0.7 U	0.47 U	0.37 U	0.37 U	1.6 U	1 U
Toxaphene	9.4 U	4.9 U	4.5 U	0.72 U	0.47 U	3 U	1.1 U	4.6 U	1.1 UJ	6.5 U	6.5 U
trans-1,3-Dichloropropene	0.12 UJ	0.086 UJ	0.12 U	0.036 U	0.12 U	0.029 U	0.012 U	0.017 U	0.14 U	3.9 UJ	0.17 U
Trichloroethene	0.12 UJ	0.086 UJ	0.12 U	0.036 U	0.12 U	0.029 U	0.012 U	0.017 U	0.14 U	3.9 UJ	0.17 U
Vinyl Chloride	0.12 UJ	0.086 UJ	0.12 U	0.036 U	0.12 U	0.029 U	0.012 U	0.017 U	0.14 U	3.9 UJ	0.17 U

Notes:  
NA - Not Available  
NS - Not Sampled  
mg/kg - milligrams per kilogram  
ug/kg - microgram per kilogram

TABLE A-7  
Data Summary Table for Non-Detected Constituents in Paper Residuals

Sample Locaton: Sample Date: Unit: Starting Depth (inches): Ending Depth (inches):	MLSS-4	MLSS-5	MW-10-A		MW-120B	MW-121B	MW-125B	MW-126A	MW-2B		MW-4B	
	mg/Kg	mg/Kg	mg/Kg	ug/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	ug/Kg	mg/Kg	ug/Kg
	18	22	36	36	18	16	18	14	3.1	3.1	2	2
	20	24	38	38	19	17.5	19	16	4.6	4.6	4	4
1,1,1-Trichloroethane	3.8 UJ	4 UJ	NS	120 U	2.1 U	2.4 U	3.3 UJ	3.3 U	NS	100 U	NS	14 U
1,1,2,2-Tetrachloroethane	3.8 UJ	4 UJ	NS	120 U	2.1 U	2.4 U	3.3 UJ	3.3 U	NS	100 U	NS	14 U
1,1,2-Trichloroethane	3.8 UJ	4 UJ	NS	120 U	2.1 U	2.4 U	3.3 UJ	3.3 U	NS	100 U	NS	14 U
1,1-Dichloroethane	3.8 UJ	4 UJ	NS	120 U	2.1 U	2.4 U	3.3 U	3.3 U	NS	100 U	NS	14 U
1,1-Dichloroethene	3.8 UJ	4 UJ	NS	120 U	2.1 U	2.4 U	3.3 U	3.3 U	NS	100 U	NS	14 U
1,2-Dichloroethane	3.8 UJ	4 UJ	NS	120 U	2.1 U	2.4 U	3.3 U	3.3 U	NS	100 U	NS	14 U
1,2-Dichloroethene (total)	3.8 UJ	4 UJ	NS	120 U	2.1 U	2.4 U	3.3 U	3.3 U	NS	100 U	NS	14 U
1,2-Dichloropropane	3.8 UJ	4 UJ	NS	120 U	2.1 U	2.4 U	3.3 UJ	3.3 U	NS	100 U	NS	14 U
2,2'-Oxybis(1-Chloropropane)	NS	NS	NS	1100 U	NS	NS	NS	NS	NS	1200 U	NS	680 U
2,4-Dichlorophenol	5.3 U	12 U	NS	1100 U	1.6 U	2.2 U	9.2 U	0.999 R	NS	1200 U	NS	680 U
2,4-Dinitrophenol	13 U	30 U	NS	2600 U	3.9 U	5.3 U	22 U	0.999 R	NS	2800 U	NS	1600 U
2,4-Dinitrotoluene	5.3 U	12 U	NS	1100 U	1.6 U	2.2 U	9.2 U	3.6 U	NS	1200 U	NS	680 U
2,6-Dinitrotoluene	5.3 U	12 U	NS	1100 U	1.6 U	2.2 U	9.2 U	3.6 U	NS	1200 U	NS	680 U
2-Chloronaphthalene	5.3 U	12 U	NS	1100 U	1.6 U	2.2 U	9.2 U	3.6 U	NS	1200 U	NS	680 U
2-Chlorophenol	5.3 U	12 U	NS	1100 U	1.6 U	2.2 U	9.2 U	0.999 R	NS	1200 U	NS	680 U
2-Nitroaniline	13 U	30 U	NS	2600 U	3.9 U	5.3 U	22 U	8.8 U	NS	2800 U	NS	1600 U
2-Nitrophenol	5.3 U	12 U	NS	1100 U	1.6 U	2.2 U	9.2 U	0.999 R	NS	1200 U	NS	680 U
3,3'-Dichlorobenzidine	5.3 U	12 U	NS	1100 U	1.6 U	2.2 U	9.2 U	3.6 U	NS	1200 U	NS	680 U
3-Nitroaniline	13 U	30 U	NS	2600 U	3.9 U	5.3 U	22 U	8.8 U	NS	2800 U	NS	1600 U
4,6-Dinitro-2-methylphenol	13 UJ	30 UJ	NS	2600 UJ	3.9 U	5.3 U	22 UJ	0.999 R	NS	2800 U	NS	1600 U
4-Bromophenyl phenyl ether	5.3 U	12 U	NS	1100 U	1.6 U	2.2 U	9.2 U	3.6 U	NS	1200 U	NS	680 U
4-Chloro-3-Methylphenol	5.3 U	12 U	NS	1100 U	1.6 U	2.2 U	9.2 U	0.999 R	NS	1200 U	NS	680 U
4-Chloroaniline	5.3 U	12 U	NS	1100 U	1.6 U	2.2 U	9.2 U	3.6 U	NS	1200 U	NS	680 U
4-Chlorophenyl phenyl ether	5.3 U	12 U	NS	1100 U	1.6 U	2.2 U	9.2 U	3.6 U	NS	1200 U	NS	680 U
4-Nitroaniline	13 U	30 U	NS	2600 U	3.9 U	5.3 U	22 U	8.8 U	NS	2800 U	NS	1600 U
4-Nitrophenol	13 U	30 U	NS	2600 U	3.9 U	5.3 U	22 U	0.999 R	NS	2800 U	NS	1600 U
Acenaphthene	5.3 U	12 U	NS	1100 U	1.6 U	2.2 U	9.2 U	3.6 U	NS	1200 U	NS	680 U
Acenaphthylene	5.3 U	12 U	NS	1100 U	1.6 U	2.2 U	9.2 U	3.6 U	NS	1200 U	NS	680 U
Anthracene	5.3 U	12 U	NS	1100 U	1.6 U	2.2 U	9.2 U	3.6 U	NS	1200 U	NS	680 U
Benzo(a)pyrene	5.3 U	12 U	NS	1100 U	1.6 U	2.2 U	9.2 U	3.6 U	NS	1200 U	NS	680 U
Benzo(b)fluoranthene	5.3 U	12 U	NS	1100 U	1.6 U	2.2 U	9.2 U	3.6 U	NS	1200 U	NS	680 U
Benzo(g,h,i)perylene	5.3 U	12 U	NS	1100 U	1.6 U	2.2 U	9.2 U	3.6 U	NS	1200 U	NS	680 U
Benzo(k)fluoranthene	5.3 U	12 U	NS	1100 U	1.6 U	2.2 U	9.2 U	3.6 U	NS	1200 U	NS	680 U
bis(2-Chloroethoxy)methane	5.3 U	12 U	NS	1100 U	1.6 U	2.2 U	9.2 U	3.6 U	NS	1200 U	NS	680 U
bis(2-Chloroisopropyl)ether	5.3 U	12 U	NS	NS	1.6 U	2.2 U	9.2 U	3.6 U	NS	NS	NS	NS
Bromodichloromethane	3.8 UJ	4 UJ	NS	120 U	2.1 U	2.4 U	3.3 UJ	3.3 U	NS	100 U	NS	14 U
Bromoform	3.8 UJ	4 UJ	NS	120 U	2.1 U	2.4 U	3.3 UJ	3.3 U	NS	100 U	NS	14 U
Bromomethane (Methyl bromide)	3.8 UJ	4 UJ	NS	120 U	2.1 U	2.4 U	3.3 U	3.3 U	NS	100 U	NS	14 U
Carbazole	5.3 U	12 U	NS	1100 U	1.6 U	2.2 U	9.2 U	3.6 U	NS	1200 U	NS	680 U
Chloroethane	3.8 UJ	4 UJ	NS	120 U	2.1 U	2.4 U	3.3 U	3.3 U	NS	100 U	NS	14 U
Chloromethane (Methyl chloride)	3.8 UJ	4 UJ	NS	120 U	2.1 U	2.4 U	3.3 U	3.3 U	NS	100 U	NS	14 U
Dibenzo(a,h)anthracene	5.3 U	12 U	NS	1100 U	1.6 U	2.2 U	9.2 U	3.6 U	NS	1200 U	NS	680 U
Dibenzofuran	5.3 U	12 U	NS	1100 U	1.6 U	2.2 U	9.2 U	3.6 U	NS	1200 U	NS	680 U
Dibromochloromethane	3.8 UJ	4 UJ	NS	120 U	2.1 U	2.4 U	3.3 UJ	3.3 U	NS	100 U	NS	14 U
Dieldrin	0.053 U	0.06 U	NS	5.4 U	0.49 U	0.066 U	0.091 U	0.091 U	NS	57 UJ	NS	10 U
Dimethyl phthalate	5.3 U	12 U	NS	1100 U	1.6 U	2.2 U	9.2 U	3.6 U	NS	1200 U	NS	680 U
Endosulfan I	0.027 U	0.031 U	NS	2.8 U	0.25 U	0.034 U	0.047 U	0.047 U	NS	30 UJ	NS	5.2 U
Endosulfan Sulfate	0.053 U	0.06 U	NS	5.4 U	0.49 U	0.066 U	0.091 U	0.091 U	NS	57 UJ	NS	10 U
Endrin	0.053 U	0.06 U	NS	5.4 U	0.49 U	0.066 U	0.091 U	0.091 U	NS	57 UJ	NS	10 U

TABLE A-7  
Data Summary Table for Non-Detected Constituents in Paper Residuals

Sample Locaton: Sample Date: Unit: Starting Depth (inches): Ending Depth (inches):	MLSS-4	MLSS-5	MW-10-A		MW-120B	MW-121B	MW-125B	MW-126A	MW-2B		MW-4B	
	mg/Kg	mg/Kg	mg/Kg	ug/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	ug/Kg	mg/Kg	ug/Kg
	18	22	36	36	18	16	18	14	3.1	3.1	2	2
	20	24	38	38	19	17.5	19	16	4.6	4.6	4	4
Endrin Ketone	0.053 U	0.06 U	NS	5.4 U	0.49 U	0.066 U	0.091 U	0.091 U	NS	57 UJ	NS	10 U
Gamma-BHC (Lindane)	0.027 U	0.031 U	NS	2.8 U	0.25 U	0.034 U	0.047 U	0.047 U	NS	30 UJ	NS	5.2 U
Heptachlor	0.027 U	0.031 U	NS	2.8 U	0.25 U	0.034 U	0.047 U	0.047 U	NS	30 UJ	NS	5.2 U
Heptachlor Epoxide	0.027 U	0.031 U	NS	2.8 U	0.25 U	0.034 U	0.047 U	0.047 U	NS	30 UJ	NS	5.2 U
Hexachlorobenzene	5.3 U	12 U	NS	1100 U	1.6 U	2.2 U	9.2 U	3.6 U	NS	1200 U	NS	680 U
Hexachlorobutadiene	5.3 U	12 U	NS	1100 U	1.6 U	2.2 U	9.2 U	3.6 U	NS	1200 U	NS	680 U
Hexachlorocyclopentadiene	5.3 U	12 U	NS	1100 U	1.6 U	2.2 U	9.2 U	3.6 U	NS	1200 U	NS	680 U
Hexachloroethane	5.3 U	12 U	NS	1100 U	1.6 U	2.2 U	9.2 U	3.6 U	NS	1200 U	NS	680 U
Indeno(1,2,3-cd)pyrene	5.3 U	12 U	NS	1100 U	1.6 U	2.2 U	9.2 U	3.6 U	NS	1200 U	NS	680 U
Isophorone	5.3 U	12 U	NS	1100 U	1.6 U	2.2 U	9.2 U	3.6 U	NS	1200 U	NS	680 U
Methoxychlor	0.27 U	0.31 U	NS	28 U	2.5 U	0.34 U	0.47 U	0.47 U	NS	300 UJ	NS	52 U
Nitrobenzene	5.3 U	12 U	NS	1100 U	1.6 U	2.2 U	9.2 U	3.6 U	NS	1200 U	NS	680 U
N-Nitroso-di-n-propylamine	5.3 U	12 U	NS	1100 U	1.6 U	2.2 U	9.2 U	3.6 U	NS	1200 U	NS	680 U
N-Nitrosodiphenylamine	5.3 U	12 U	NS	1100 U	1.6 U	2.2 U	9.2 U	3.6 U	NS	1200 U	NS	680 U
Thallium	1.1 U	1.7 U	0.63 U	NS	0.5 U	0.79 U	1 U	1.3 U	0.77 U	NS	0.72 U	NS
Toxaphene	2.7 U	3.1 U	NS	280 U	25 U	3.4 U	4.7 U	4.7 U	NS	3000 UJ	NS	520 U
trans-1,3-Dichloropropene	3.8 UJ	4 UJ	NS	120 U	2.1 U	2.4 U	3.3 UJ	3.3 U	NS	100 U	NS	14 U
Trichloroethene	3.8 UJ	4 UJ	NS	120 U	2.1 U	2.4 U	3.3 UJ	3.3 U	NS	100 U	NS	14 U
Vinyl Chloride	3.8 UJ	4 UJ	NS	120 U	2.1 U	2.4 U	3.3 U	3.3 U	NS	100 U	NS	14 U

Notes:  
NA - Not Available  
NS - Not Sampled  
mg/kg - milligrams per kilogram  
ug/kg - microgram per kilogram

TABLE A-7  
Data Summary Table for Non-Detected Constituents in Paper Residuals

Sample Locaton: Sample Date: Unit: Starting Depth (inches): Ending Depth (inches):	MW-9A		SB-1		SB-2 (1)		SB-2 (2)		SB-4		SB-6 (1)	
	mg/Kg	ug/Kg	mg/Kg	ug/Kg	mg/Kg	ug/Kg	mg/Kg	ug/Kg	mg/Kg	ug/Kg	mg/Kg	ug/Kg
	20	20	26	26	22	22	22	22	26	26	20	20
	22	22	28	28	24	24	24	24	28	28	22	22
1,1,1-Trichloroethane	NS	3200 U	NS	85 U	NS	15 U	NS	88 U	NS	100 U	NS	2000 U
1,1,2,2-Tetrachloroethane	NS	3200 U	NS	85 U	NS	15 U	NS	88 U	NS	100 U	NS	2000 U
1,1,2-Trichloroethane	NS	3200 U	NS	85 U	NS	15 U	NS	88 U	NS	100 U	NS	2000 U
1,1-Dichloroethane	NS	3200 U	NS	85 U	NS	15 U	NS	88 U	NS	100 U	NS	2000 U
1,1-Dichloroethene	NS	3200 U	NS	85 U	NS	15 U	NS	88 U	NS	100 U	NS	2000 U
1,2-Dichloroethane	NS	3200 U	NS	85 U	NS	15 U	NS	88 U	NS	100 U	NS	2000 U
1,2-Dichloroethene (total)	NS	3200 U	NS	85 U	NS	15 U	NS	88 U	NS	100 U	NS	2000 U
1,2-Dichloropropane	NS	3200 U	NS	85 U	NS	15 U	NS	88 U	NS	100 U	NS	2000 U
2,2'-Oxybis(1-Chloropropane)	NS	4100 U	NS	33000 U	NS	2000 U	NS	5900 U	NS	70000 U	NS	12000 U
2,4-Dichlorophenol	NS	4100 U	NS	33000 U	NS	2000 U	NS	5900 U	NS	70000 U	NS	12000 U
2,4-Dinitrophenol	NS	9900 U	NS	81000 U	NS	4800 U	NS	14000 U	NS	170000 U	NS	30000 U
2,4-Dinitrotoluene	NS	4100 U	NS	33000 U	NS	2000 U	NS	5900 U	NS	70000 U	NS	12000 U
2,6-Dinitrotoluene	NS	4100 U	NS	33000 U	NS	2000 U	NS	5900 U	NS	70000 U	NS	12000 U
2-Chloronaphthalene	NS	4100 U	NS	33000 U	NS	2000 U	NS	5900 U	NS	70000 U	NS	12000 U
2-Chlorophenol	NS	4100 U	NS	33000 U	NS	2000 U	NS	5900 U	NS	70000 U	NS	12000 U
2-Nitroaniline	NS	9900 U	NS	81000 U	NS	4800 U	NS	14000 U	NS	170000 U	NS	30000 U
2-Nitrophenol	NS	4100 U	NS	33000 U	NS	2000 U	NS	5900 U	NS	70000 U	NS	12000 U
3,3'-Dichlorobenzidine	NS	4100 U	NS	33000 U	NS	2000 U	NS	5900 U	NS	70000 U	NS	12000 U
3-Nitroaniline	NS	9900 U	NS	81000 U	NS	4800 U	NS	14000 U	NS	170000 U	NS	30000 U
4,6-Dinitro-2-methylphenol	NS	9900 U	NS	81000 U	NS	4800 U	NS	14000 U	NS	170000 U	NS	30000 U
4-Bromophenyl phenyl ether	NS	4100 U	NS	33000 U	NS	2000 U	NS	5900 U	NS	70000 U	NS	12000 U
4-Chloro-3-Methylphenol	NS	4100 U	NS	33000 U	NS	2000 U	NS	5900 U	NS	70000 U	NS	12000 U
4-Chloroaniline	NS	4100 U	NS	33000 U	NS	2000 U	NS	5900 U	NS	70000 U	NS	12000 U
4-Chlorophenyl phenyl ether	NS	4100 U	NS	33000 U	NS	2000 U	NS	5900 U	NS	70000 U	NS	12000 U
4-Nitroaniline	NS	9900 U	NS	81000 U	NS	4800 U	NS	14000 U	NS	170000 U	NS	30000 U
4-Nitrophenol	NS	9900 U	NS	81000 U	NS	4800 U	NS	14000 U	NS	170000 U	NS	30000 U
Acenaphthene	NS	4100 U	NS	33000 U	NS	2000 U	NS	5900 U	NS	70000 U	NS	12000 U
Acenaphthylene	NS	4100 U	NS	33000 U	NS	2000 U	NS	5900 U	NS	70000 U	NS	12000 U
Anthracene	NS	4100 U	NS	33000 U	NS	2000 U	NS	5900 U	NS	70000 U	NS	12000 U
Benzo(a)pyrene	NS	4100 U	NS	33000 U	NS	2000 U	NS	5900 U	NS	70000 U	NS	12000 U
Benzo(b)fluoranthene	NS	4100 U	NS	33000 U	NS	2000 U	NS	5900 U	NS	70000 U	NS	12000 U
Benzo(g,h,i)perylene	NS	4100 U	NS	33000 U	NS	2000 U	NS	5900 U	NS	70000 U	NS	12000 U
Benzo(k)fluoranthene	NS	4100 U	NS	33000 U	NS	2000 U	NS	5900 U	NS	70000 U	NS	12000 U
bis(2-Chloroethoxy)methane	NS	4100 U	NS	33000 U	NS	2000 U	NS	5900 U	NS	70000 U	NS	12000 U
bis(2-Chloroisopropyl)ether	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Bromodichloromethane	NS	3200 U	NS	85 U	NS	15 U	NS	88 U	NS	100 U	NS	2000 U
Bromoform	NS	3200 U	NS	85 U	NS	15 U	NS	88 U	NS	100 U	NS	2000 U
Bromomethane (Methyl bromide)	NS	3200 U	NS	85 U	NS	15 U	NS	88 U	NS	100 U	NS	2000 U
Carbazole	NS	4100 U	NS	33000 U	NS	2000 U	NS	5900 U	NS	70000 U	NS	12000 U
Chloroethane	NS	3200 U	NS	85 U	NS	15 U	NS	88 U	NS	100 U	NS	2000 U
Chloromethane (Methyl chloride)	NS	3200 U	NS	85 U	NS	15 U	NS	88 U	NS	100 U	NS	2000 U
Dibenzo(a,h)anthracene	NS	4100 U	NS	33000 U	NS	2000 U	NS	5900 U	NS	70000 U	NS	12000 U
Dibenzofuran	NS	4100 U	NS	33000 U	NS	2000 U	NS	5900 U	NS	70000 U	NS	12000 U
Dibromochloromethane	NS	3200 U	NS	85 U	NS	15 U	NS	88 U	NS	100 U	NS	2000 U
Dieldrin	NS	82 U	NS	67 UJ	NS	40 U	NS	60 U	NS	35 UJ	NS	62 U
Dimethyl phthalate	NS	4100 U	NS	33000 U	NS	2000 U	NS	5900 U	NS	70000 U	NS	12000 U
Endosulfan I	NS	42 U	NS	35 UJ	NS	21 U	NS	31 U	NS	18 UJ	NS	32 U
Endosulfan Sulfate	NS	82 U	NS	67 UJ	NS	40 U	NS	60 U	NS	35 UJ	NS	62 U
Endrin	NS	82 U	NS	67 UJ	NS	40 U	NS	60 U	NS	35 UJ	NS	62 U

TABLE A-7  
Data Summary Table for Non-Detected Constituents in Paper Residuals

Sample Locaton: Sample Date: Unit: Starting Depth (inches): Ending Depth (inches):	MW-9A		SB-1		SB-2 (1)		SB-2 (2)		SB-4		SB-6 (1)	
	mg/Kg	ug/Kg	mg/Kg	ug/Kg	mg/Kg	ug/Kg	mg/Kg	ug/Kg	mg/Kg	ug/Kg	mg/Kg	ug/Kg
	20	20	26	26	22	22	22	22	26	26	20	20
	22	22	28	28	24	24	24	24	28	28	22	22
Endrin Ketone	NS	82 U	NS	67 UJ	NS	40 U	NS	60 U	NS	35 UJ	NS	62 U
Gamma-BHC (Lindane)	NS	42 U	NS	35 UJ	NS	21 U	NS	31 U	NS	18 UJ	NS	32 UJ
Heptachlor	NS	42 U	NS	35 UJ	NS	21 U	NS	31 U	NS	18 UJ	NS	32 U
Heptachlor Epoxide	NS	42 U	NS	35 UJ	NS	21 U	NS	31 U	NS	18 UJ	NS	32 U
Hexachlorobenzene	NS	4100 U	NS	33000 U	NS	2000 U	NS	5900 U	NS	70000 U	NS	12000 U
Hexachlorobutadiene	NS	4100 U	NS	33000 U	NS	2000 U	NS	5900 U	NS	70000 U	NS	12000 U
Hexachlorocyclopentadiene	NS	4100 U	NS	33000 U	NS	2000 U	NS	5900 U	NS	70000 U	NS	12000 U
Hexachloroethane	NS	4100 U	NS	33000 U	NS	2000 U	NS	5900 U	NS	70000 U	NS	12000 U
Indeno(1,2,3-cd)pyrene	NS	4100 U	NS	33000 U	NS	2000 U	NS	5900 U	NS	70000 U	NS	12000 U
Isophorone	NS	4100 U	NS	33000 U	NS	2000 U	NS	5900 U	NS	70000 U	NS	12000 U
Methoxychlor	NS	420 U	NS	350 UJ	NS	210 U	NS	310 U	NS	180 UJ	NS	320 U
Nitrobenzene	NS	4100 U	NS	33000 U	NS	2000 U	NS	5900 U	NS	70000 U	NS	12000 U
N-Nitroso-di-n-propylamine	NS	4100 U	NS	33000 U	NS	2000 U	NS	5900 U	NS	70000 U	NS	12000 U
N-Nitrosodiphenylamine	NS	4100 U	NS	33000 U	NS	2000 U	NS	5900 U	NS	70000 U	NS	12000 U
Thallium	0.93 U	NS	0.77 U	NS	0.5 U	NS	0.87 U	NS	0.66 UJ	NS	0.79 U	NS
Toxaphene	NS	4200 U	NS	3500 UJ	NS	2100 U	NS	3100 U	NS	1800 UJ	NS	3200 U
trans-1,3-Dichloropropene	NS	3200 U	NS	85 U	NS	15 U	NS	88 U	NS	100 U	NS	2000 U
Trichloroethene	NS	3200 U	NS	85 U	NS	15 U	NS	88 U	NS	100 U	NS	2000 U
Vinyl Chloride	NS	3200 U	NS	85 U	NS	15 U	NS	88 U	NS	100 U	NS	2000 U

Notes:  
NA - Not Available  
NS - Not Sampled  
mg/kg - milligrams per kilogram  
ug/kg - microgram per kilogram

TABLE A-7  
Data Summary Table for Non-Detected Constituents in Paper Residuals

Sample Locaton: Sample Date: Unit: Starting Depth (inches): Ending Depth (inches):	SB-6 (2)		SB-7		T-MW-1		T-MW-3		T-MW-5		WA-1	WA-2
	mg/Kg	ug/Kg	mg/Kg	ug/Kg	mg/Kg	ug/Kg	mg/Kg	ug/Kg	mg/Kg	ug/Kg	mg/Kg	mg/Kg
	20	20	24	24	6	6	2	2	0	0	12	12
	22	22	26	26	8	8	4	4	2	2	13	14
1,1,1-Trichloroethane	NS	2100 U	NS	2300 U	NS	15 U	NS	96 U	NS	17 U	0.068 U	0.04 U
1,1,2,2-Tetrachloroethane	NS	2100 U	NS	2300 U	NS	15 U	NS	96 U	NS	17 U	0.068 U	0.04 U
1,1,2-Trichloroethane	NS	2100 U	NS	2300 U	NS	15 U	NS	96 U	NS	17 U	0.068 U	0.04 U
1,1-Dichloroethane	NS	2100 U	NS	2300 U	NS	15 U	NS	96 U	NS	17 U	0.068 U	0.04 U
1,1-Dichloroethene	NS	2100 U	NS	2300 U	NS	15 U	NS	96 U	NS	17 U	0.068 U	0.04 U
1,2-Dichloroethane	NS	2100 U	NS	2300 U	NS	15 U	NS	96 U	NS	17 U	0.068 U	0.04 U
1,2-Dichloroethene (total)	NS	2100 U	NS	2300 U	NS	15 U	NS	96 U	NS	17 U	0.068 U	0.04 U
1,2-Dichloropropane	NS	2100 U	NS	2300 U	NS	15 U	NS	96 U	NS	17 U	0.068 U	0.04 U
2,2'-Oxybis(1-Chloropropane)	NS	14000 U	NS	89000 U	NS	1200 U	NS	1200 U	NS	1800 U	NS	NS
2,4-Dichlorophenol	NS	14000 U	NS	89000 U	NS	1200 U	NS	1200 U	NS	1800 U	3.7 U	2 U
2,4-Dinitrophenol	NS	34000 U	NS	220000 U	NS	2800 U	NS	2800 U	NS	4500 U	8.9 U	4.9 UJ
2,4-Dinitrotoluene	NS	14000 U	NS	89000 U	NS	1200 U	NS	1200 U	NS	1800 U	3.7 U	2 U
2,6-Dinitrotoluene	NS	14000 U	NS	89000 U	NS	1200 U	NS	1200 U	NS	1800 U	3.7 U	2 U
2-Chloronaphthalene	NS	14000 U	NS	89000 U	NS	1200 U	NS	1200 U	NS	1800 U	3.7 U	2 U
2-Chlorophenol	NS	14000 U	NS	89000 U	NS	1200 U	NS	1200 U	NS	1800 U	3.7 U	2 U
2-Nitroaniline	NS	34000 U	NS	220000 U	NS	2800 U	NS	2800 U	NS	4500 U	8.9 U	4.9 U
2-Nitrophenol	NS	14000 U	NS	89000 U	NS	1200 U	NS	1200 U	NS	1800 U	3.7 U	2 U
3,3'-Dichlorobenzidine	NS	14000 U	NS	89000 U	NS	1200 U	NS	1200 U	NS	1800 U	3.7 U	2 U
3-Nitroaniline	NS	34000 U	NS	220000 U	NS	2800 U	NS	2800 U	NS	4500 U	8.9 U	4.9 U
4,6-Dinitro-2-methylphenol	NS	34000 U	NS	220000 U	NS	2800 U	NS	2800 U	NS	4500 U	8.9 U	4.9 UJ
4-Bromophenyl phenyl ether	NS	14000 U	NS	89000 U	NS	1200 U	NS	1200 U	NS	1800 U	3.7 U	2 U
4-Chloro-3-Methylphenol	NS	14000 U	NS	89000 U	NS	1200 U	NS	1200 U	NS	1800 U	3.7 U	2 U
4-Chloroaniline	NS	14000 U	NS	89000 U	NS	1200 U	NS	1200 U	NS	1800 U	3.7 U	2 U
4-Chlorophenyl phenyl ether	NS	14000 U	NS	89000 U	NS	1200 U	NS	1200 U	NS	1800 U	3.7 U	2 U
4-Nitroaniline	NS	34000 U	NS	220000 U	NS	2800 U	NS	2800 U	NS	4500 U	8.9 U	4.9 U
4-Nitrophenol	NS	34000 U	NS	220000 U	NS	2800 U	NS	2800 U	NS	4500 U	8.9 U	4.9 U
Acenaphthene	NS	14000 U	NS	89000 U	NS	1200 U	NS	1200 U	NS	1800 U	3.7 U	2 U
Acenaphthylene	NS	14000 U	NS	89000 U	NS	1200 U	NS	1200 U	NS	1800 U	3.7 U	2 U
Anthracene	NS	14000 U	NS	89000 U	NS	1200 U	NS	1200 U	NS	1800 U	3.7 U	2 U
Benzo(a)pyrene	NS	14000 U	NS	89000 U	NS	1200 U	NS	1200 U	NS	1800 U	3.7 U	2 U
Benzo(b)fluoranthene	NS	14000 U	NS	89000 U	NS	1200 U	NS	1200 U	NS	1800 U	3.7 U	2 U
Benzo(g,h,i)perylene	NS	14000 U	NS	89000 U	NS	1200 U	NS	1200 U	NS	1800 U	3.7 U	2 U
Benzo(k)fluoranthene	NS	14000 U	NS	89000 U	NS	1200 U	NS	1200 U	NS	1800 U	3.7 U	2 U
bis(2-Chloroethoxy)methane	NS	14000 U	NS	89000 U	NS	1200 U	NS	1200 U	NS	1800 U	3.7 U	2 U
bis(2-Chloroisopropyl)ether	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	3.7 U	2 U
Bromodichloromethane	NS	2100 U	NS	2300 U	NS	15 U	NS	96 U	NS	17 U	0.068 U	0.04 U
Bromoform	NS	2100 U	NS	2300 U	NS	15 U	NS	96 U	NS	17 U	0.068 U	0.04 U
Bromomethane (Methyl bromide)	NS	2100 U	NS	2300 U	NS	15 U	NS	96 U	NS	17 U	0.068 U	0.04 U
Carbazole	NS	14000 U	NS	89000 U	NS	1200 U	NS	1200 U	NS	1800 U	3.7 U	2 U
Chloroethane	NS	2100 U	NS	2300 U	NS	15 U	NS	96 U	NS	17 U	0.068 U	0.04 U
Chloromethane (Methyl chloride)	NS	2100 U	NS	2300 U	NS	15 U	NS	96 U	NS	17 U	0.068 U	0.04 U
Dibenzo(a,h)anthracene	NS	14000 U	NS	89000 U	NS	1200 U	NS	1200 U	NS	1800 U	3.7 U	2 U
Dibenzofuran	NS	14000 U	NS	89000 U	NS	1200 U	NS	1200 U	NS	1800 U	3.7 U	2 U
Dibromochloromethane	NS	2100 U	NS	2300 U	NS	15 U	NS	96 U	NS	17 U	0.068 U	0.04 U
Dieldrin	NS	70 UJ	NS	180 U	NS	47 U	NS	46 UJ	NS	56 UJ	0.046 U	0.0062 U
Dimethyl phthalate	NS	14000 U	NS	89000 U	NS	1200 U	NS	1200 U	NS	1800 U	3.7 U	2 U
Endosulfan I	NS	36 UJ	NS	92 U	NS	24 U	NS	24 UJ	NS	29 UJ	0.024 U	0.0032 U
Endosulfan Sulfate	NS	70 UJ	NS	180 U	NS	47 U	NS	46 UJ	NS	56 UJ	0.046 U	0.0062 U
Endrin	NS	70 UJ	NS	180 U	NS	47 U	NS	46 UJ	NS	56 UJ	0.046 U	0.0062 U



TABLE A-7  
Data Summary Table for Non-Detected Constituents in Paper Residuals

Sample Locaton: Sample Date: Unit: Starting Depth (inches): Ending Depth (inches):	SB-6 (2)		SB-7		T-MW-1		T-MW-3		T-MW-5		WA-1	WA-2
	mg/Kg	ug/Kg	mg/Kg	ug/Kg	mg/Kg	ug/Kg	mg/Kg	ug/Kg	mg/Kg	ug/Kg	mg/Kg	mg/Kg
	20	20	24	24	6	6	2	2	0	0	12	12
	22	22	26	26	8	8	4	4	2	2	13	14
Endrin Ketone	NS	70 UJ	NS	180 U	NS	47 U	NS	46 UJ	NS	56 UJ	0.046 U	0.0062 U
Gamma-BHC (Lindane)	NS	36 UJ	NS	92 UJ	NS	24 UJ	NS	24 UJ	NS	29 UJ	0.999 R	0.0032 U
Heptachlor	NS	36 UJ	NS	92 U	NS	24 U	NS	24 UJ	NS	29 UJ	0.024 U	0.0032 U
Heptachlor Epoxide	NS	36 UJ	NS	92 U	NS	24 U	NS	24 UJ	NS	29 UJ	0.024 U	0.0032 U
Hexachlorobenzene	NS	14000 U	NS	89000 U	NS	1200 U	NS	1200 U	NS	1800 U	3.7 U	2 U
Hexachlorobutadiene	NS	14000 U	NS	89000 U	NS	1200 U	NS	1200 U	NS	1800 U	3.7 U	2 U
Hexachlorocyclopentadiene	NS	14000 U	NS	89000 U	NS	1200 U	NS	1200 U	NS	1800 U	3.7 U	2 UJ
Hexachloroethane	NS	14000 U	NS	89000 U	NS	1200 U	NS	1200 U	NS	1800 U	3.7 U	2 U
Indeno(1,2,3-cd)pyrene	NS	14000 U	NS	89000 U	NS	1200 U	NS	1200 U	NS	1800 U	3.7 U	2 U
Isophorone	NS	14000 U	NS	89000 U	NS	1200 U	NS	1200 U	NS	1800 U	3.7 U	2 U
Methoxychlor	NS	360 UJ	NS	920 U	NS	240 U	NS	240 UJ	NS	290 UJ	0.24 U	0.032 U
Nitrobenzene	NS	14000 U	NS	89000 U	NS	1200 U	NS	1200 U	NS	1800 U	3.7 U	2 U
N-Nitroso-di-n-propylamine	NS	14000 U	NS	89000 U	NS	1200 U	NS	1200 U	NS	1800 U	3.7 U	2 U
N-Nitrosodiphenylamine	NS	14000 U	NS	89000 U	NS	1200 U	NS	1200 U	NS	1800 U	3.7 U	2 U
Thallium	0.87 UJ	NS	1.1 UJ	NS	0.58 UJ	NS	0.57 U	NS	0.74 U	NS	1.3 U	0.98 U
Toxaphene	NS	3600 UJ	NS	9200 U	NS	2400 U	NS	2400 UJ	NS	2900 UJ	2.4 U	0.32 U
trans-1,3-Dichloropropene	NS	2100 U	NS	2300 U	NS	15 U	NS	96 U	NS	17 U	0.068 U	0.04 U
Trichloroethene	NS	2100 U	NS	2300 U	NS	15 U	NS	96 U	NS	17 U	0.068 U	0.04 U
Vinyl Chloride	NS	2100 U	NS	2300 U	NS	15 U	NS	96 U	NS	17 U	0.068 U	0.04 U

Notes:  
NA - Not Available  
NS - Not Sampled  
mg/kg - milligrams per kilogram  
ug/kg - microgram per kilogram

TABLE A-7  
Data Summary Table for Non-Detected Constituents in Paper Residuals

Sample Locaton: Sample Date: Unit: Starting Depth (inches): Ending Depth (inches):	WA-3	WA-4	WA-5	WA-6	WA-7	WA-8	WB-1		WB-3		WB-4	
	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	ug/Kg	mg/Kg	ug/Kg	mg/Kg	ug/Kg
	14	8	22	12	20	10	20	20	4	4	6	6
	16	10	23.5	13	22	12	22	22	6	6	8	8
1,1,1-Trichloroethane	0.068 U	0.088 U	0.018 U	0.094 U	0.03 UJ	0.091 U	NS	83 UJ	NS	100 UJ	NS	94 U
1,1,2,2-Tetrachloroethane	0.068 U	0.088 U	0.018 U	0.094 U	0.03 UJ	0.091 U	NS	83 UJ	NS	100 UJ	NS	94 U
1,1,2-Trichloroethane	0.068 U	0.088 U	0.018 U	0.094 U	0.03 UJ	0.091 U	NS	83 UJ	NS	100 UJ	NS	94 U
1,1-Dichloroethane	0.068 U	0.088 U	0.018 U	0.094 U	0.03 UJ	0.091 U	NS	83 UJ	NS	100 UJ	NS	94 U
1,1-Dichloroethene	0.068 U	0.088 U	0.018 U	0.094 U	0.03 UJ	0.091 U	NS	83 UJ	NS	100 UJ	NS	94 U
1,2-Dichloroethane	0.068 U	0.088 U	0.018 U	0.094 U	0.03 UJ	0.091 U	NS	83 UJ	NS	100 UJ	NS	94 U
1,2-Dichloroethene (total)	0.068 U	0.088 U	0.018 U	0.094 U	0.03 UJ	0.091 U	NS	83 UJ	NS	100 UJ	NS	94 U
1,2-Dichloropropane	0.068 U	0.088 U	0.018 U	0.094 U	0.03 UJ	0.091 U	NS	83 UJ	NS	100 UJ	NS	94 U
2,2'-Oxybis(1-Chloropropane)	NS	NS	NS	NS	NS	NS	NS	5500 U	NS	6600 U	NS	34000 U
2,4-Dichlorophenol	8.7 U	8.5 U	25 U	24 U	30 U	12 U	NS	5500 U	NS	6600 U	NS	34000 U
2,4-Dinitrophenol	21 U	20 U	60 U	58 U	73 U	29 U	NS	13000 UJ	NS	16000 UJ	NS	83000 U
2,4-Dinitrotoluene	8.7 U	8.5 U	25 U	24 U	30 U	12 U	NS	5500 U	NS	6600 U	NS	34000 U
2,6-Dinitrotoluene	8.7 U	8.5 U	25 U	24 U	30 U	12 U	NS	5500 U	NS	6600 U	NS	34000 U
2-Chloronaphthalene	8.7 U	8.5 U	25 U	24 U	30 U	12 U	NS	5500 U	NS	6600 U	NS	34000 U
2-Chlorophenol	8.7 U	8.5 U	25 U	24 U	30 U	12 U	NS	5500 U	NS	6600 U	NS	34000 U
2-Nitroaniline	21 U	20 U	60 U	58 U	73 U	29 U	NS	13000 U	NS	16000 U	NS	83000 U
2-Nitrophenol	8.7 U	8.5 U	25 U	24 U	30 U	12 U	NS	5500 U	NS	6600 U	NS	34000 U
3,3'-Dichlorobenzidine	8.7 U	8.5 U	25 U	24 U	30 U	12 U	NS	5500 U	NS	6600 U	NS	34000 U
3-Nitroaniline	21 U	20 U	60 U	58 U	73 U	29 U	NS	13000 UJ	NS	16000 UJ	NS	83000 U
4,6-Dinitro-2-methylphenol	21 UJ	20 UJ	60 U	58 U	73 U	29 UJ	NS	13000 U	NS	16000 U	NS	83000 U
4-Bromophenyl phenyl ether	8.7 U	8.5 U	25 U	24 U	30 U	12 U	NS	5500 U	NS	6600 U	NS	34000 U
4-Chloro-3-Methylphenol	8.7 U	8.5 U	25 U	24 U	30 U	12 U	NS	5500 U	NS	6600 U	NS	34000 U
4-Chloroaniline	8.7 U	8.5 U	25 U	24 U	30 U	12 U	NS	5500 U	NS	6600 U	NS	34000 U
4-Chlorophenyl phenyl ether	8.7 U	8.5 U	25 U	24 U	30 U	12 U	NS	5500 U	NS	6600 U	NS	34000 U
4-Nitroaniline	21 U	20 U	60 U	58 U	73 U	29 U	NS	13000 UJ	NS	16000 UJ	NS	83000 UJ
4-Nitrophenol	21 U	20 U	60 UJ	58 UJ	73 UJ	29 U	NS	13000 UJ	NS	16000 UJ	NS	83000 UJ
Acenaphthene	8.7 U	8.5 U	25 U	24 U	30 U	12 U	NS	5500 U	NS	6600 U	NS	34000 U
Acenaphthylene	8.7 U	8.5 U	25 U	24 U	30 U	12 U	NS	5500 U	NS	6600 U	NS	34000 U
Anthracene	8.7 U	8.5 U	25 U	24 U	30 U	12 U	NS	5500 U	NS	6600 U	NS	34000 U
Benzo(a)pyrene	8.7 U	8.5 U	25 U	24 U	30 U	12 U	NS	5500 U	NS	6600 U	NS	34000 U
Benzo(b)fluoranthene	8.7 U	8.5 U	25 U	24 U	30 U	12 U	NS	5500 U	NS	6600 U	NS	34000 U
Benzo(g,h,i)perylene	8.7 U	8.5 U	25 U	24 U	30 U	12 U	NS	5500 U	NS	6600 U	NS	34000 UJ
Benzo(k)fluoranthene	8.7 U	8.5 U	25 U	24 U	30 U	12 U	NS	5500 U	NS	6600 U	NS	34000 U
bis(2-Chloroethoxy)methane	8.7 U	8.5 U	25 U	24 U	30 U	12 U	NS	5500 U	NS	6600 U	NS	34000 U
bis(2-Chloroisopropyl)ether	8.7 U	8.5 U	25 U	24 U	30 U	12 U	NS	NS	NS	NS	NS	NS
Bromodichloromethane	0.068 U	0.088 U	0.018 U	0.094 U	0.03 UJ	0.091 U	NS	83 UJ	NS	100 UJ	NS	94 U
Bromoform	0.068 U	0.088 U	0.018 U	0.094 U	0.03 UJ	0.091 U	NS	83 UJ	NS	100 UJ	NS	94 U
Bromomethane (Methyl bromide)	0.068 U	0.088 U	0.018 U	0.094 U	0.03 UJ	0.091 U	NS	83 UJ	NS	100 UJ	NS	94 U
Carbazole	8.7 U	8.5 U	25 U	24 U	30 U	12 U	NS	5500 UJ	NS	6600 UJ	NS	34000 UJ
Chloroethane	0.068 U	0.088 U	0.018 UJ	0.094 UJ	0.03 UJ	0.091 U	NS	83 UJ	NS	100 UJ	NS	94 U
Chloromethane (Methyl chloride)	0.068 U	0.088 U	0.018 UJ	0.094 UJ	0.03 UJ	0.091 U	NS	83 UJ	NS	100 UJ	NS	94 UJ
Dibenzo(a,h)anthracene	8.7 U	8.5 U	25 U	24 U	30 U	12 U	NS	5500 U	NS	6600 U	NS	34000 U
Dibenzofuran	8.7 U	8.5 U	25 U	24 U	30 U	12 U	NS	5500 U	NS	6600 U	NS	34000 U
Dibromochloromethane	0.068 U	0.088 U	0.018 U	0.094 U	0.03 UJ	0.091 U	NS	83 UJ	NS	100 UJ	NS	94 U
Dieldrin	0.0088 U	0.0085 U	0.015 U	0.21 U	0.091 U	0.18 U	NS	110 U	NS	65 U	NS	140 U
Dimethyl phthalate	8.7 U	8.5 U	25 U	24 U	30 U	12 U	NS	5500 U	NS	6600 U	NS	34000 U
Endosulfan I	0.0045 U	0.0044 U	0.0076 U	0.11 U	0.047 U	0.091 U	NS	56 U	NS	34 U	NS	71 U
Endosulfan Sulfate	0.0088 U	0.0085 U	0.015 U	0.21 U	0.091 U	0.18 U	NS	110 U	NS	65 U	NS	140 U
Endrin	0.0088 U	0.0085 U	0.015 U	0.21 U	0.091 U	0.18 U	NS	110 U	NS	65 U	NS	140 U

TABLE A-7  
Data Summary Table for Non-Detected Constituents in Paper Residuals

Sample Locaton: Sample Date: Unit: Starting Depth (inches): Ending Depth (inches):	WA-3	WA-4	WA-5	WA-6	WA-7	WA-8	WB-1		WB-3		WB-4	
	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	ug/Kg	mg/Kg	ug/Kg	mg/Kg	ug/Kg
	14	8	22	12	20	10	20	20	4	4	6	6
	16	10	23.5	13	22	12	22	22	6	6	8	8
Endrin Ketone	0.0088 U	0.0085 U	0.015 U	0.21 U	0.091 U	0.18 U	NS	110 U	NS	65 U	NS	140 U
Gamma-BHC (Lindane)	0.0045 U	0.0044 U	0.0076 U	0.11 U	0.047 U	0.091 U	NS	56 U	NS	34 U	NS	71 U
Heptachlor	0.0045 U	0.0044 U	0.0076 U	0.11 U	0.047 U	0.091 U	NS	56 U	NS	34 U	NS	71 U
Heptachlor Epoxide	0.0045 U	0.0044 U	0.0076 U	0.11 U	0.047 U	0.091 U	NS	56 U	NS	34 U	NS	71 U
Hexachlorobenzene	8.7 U	8.5 U	25 U	24 U	30 U	12 U	NS	5500 U	NS	6600 U	NS	34000 U
Hexachlorobutadiene	8.7 U	8.5 U	25 U	24 U	30 U	12 U	NS	5500 U	NS	6600 U	NS	34000 UJ
Hexachlorocyclopentadiene	8.7 UJ	8.5 UJ	25 U	24 U	30 U	12 UJ	NS	5500 U	NS	6600 U	NS	34000 U
Hexachloroethane	8.7 U	8.5 U	25 U	24 U	30 U	12 U	NS	5500 U	NS	6600 U	NS	34000 U
Indeno(1,2,3-cd)pyrene	8.7 U	8.5 U	25 U	24 U	30 U	12 U	NS	5500 U	NS	6600 U	NS	34000 U
Isophorone	8.7 U	8.5 U	25 U	24 U	30 U	12 U	NS	5500 U	NS	6600 U	NS	34000 U
Methoxychlor	0.045 U	0.044 U	0.076 U	1.1 U	0.47 U	0.91 U	NS	560 U	NS	340 U	NS	710 U
Nitrobenzene	8.7 U	8.5 U	25 U	24 U	30 U	12 U	NS	5500 U	NS	6600 U	NS	34000 U
N-Nitroso-di-n-propylamine	8.7 U	8.5 U	25 U	24 U	30 U	12 U	NS	5500 U	NS	6600 U	NS	34000 U
N-Nitrosodiphenylamine	8.7 U	8.5 U	25 U	24 U	30 U	12 U	NS	5500 U	NS	6600 U	NS	34000 U
Thallium	0.94 U	1 U	0.87 U	0.76 U	0.84 U	0.73 U	0.71 UJW	NS	0.55 U	NS	1 UJW	NS
Toxaphene	0.45 U	0.44 U	0.76 U	11 U	4.7 U	9.1 U	NS	5600 U	NS	3400 U	NS	7100 U
trans-1,3-Dichloropropene	0.068 U	0.088 U	0.018 U	0.094 U	0.03 UJ	0.091 U	NS	83 UJ	NS	100 UJ	NS	94 U
Trichloroethene	0.068 U	0.088 U	0.018 U	0.094 U	0.03 UJ	0.091 U	NS	83 UJ	NS	100 UJ	NS	94 U
Vinyl Chloride	0.068 U	0.088 U	0.018 U	0.094 U	0.03 UJ	0.091 U	NS	83 UJ	NS	100 UJ	NS	94 UJ

Notes:  
NA - Not Available  
NS - Not Sampled  
mg/kg - milligrams per kilogram  
ug/kg - microgram per kilogram

**TABLE A-7**  
**Data Summary Table for Non-Detected Constituents in Paper Residuals**

Sample Locaton: Sample Date: Unit: Starting Depth (inches): Ending Depth (inches):	WB-5		WMW-3A		WMW-4A	
	mg/Kg	ug/Kg	mg/Kg	ug/Kg	mg/Kg	ug/Kg
	4	4	18	18	10	10
	6	6	20	20	12	12
1,1,1-Trichloroethane	NS	18 U	NS	2300 U	NS	2400 U
1,1,2,2-Tetrachloroethane	NS	18 U	NS	2300 U	NS	2400 U
1,1,2-Trichloroethane	NS	18 U	NS	2300 U	NS	2400 U
1,1-Dichloroethane	NS	18 U	NS	2300 U	NS	2400 U
1,1-Dichloroethene	NS	18 U	NS	2300 U	NS	2400 U
1,2-Dichloroethane	NS	18 U	NS	2300 U	NS	2400 U
1,2-Dichloroethene (total)	NS	18 U	NS	2300 U	NS	2400 U
1,2-Dichloropropane	NS	18 U	NS	2300 U	NS	2400 U
2,2'-Oxybis(1-Chloropropane)	NS	600 U	NS	33000 U	NS	62000 U
2,4-Dichlorophenol	NS	600 U	NS	33000 U	NS	62000 U
2,4-Dinitrophenol	NS	1400 U	NS	80000 U	NS	150000 U
2,4-Dinitrotoluene	NS	600 U	NS	33000 U	NS	62000 U
2,6-Dinitrotoluene	NS	600 U	NS	33000 U	NS	62000 U
2-Chloronaphthalene	NS	600 U	NS	33000 U	NS	62000 U
2-Chlorophenol	NS	600 U	NS	33000 U	NS	62000 U
2-Nitroaniline	NS	1400 U	NS	80000 U	NS	150000 U
2-Nitrophenol	NS	600 U	NS	33000 U	NS	62000 U
3,3'-Dichlorobenzidine	NS	600 UJ	NS	33000 U	NS	62000 U
3-Nitroaniline	NS	1400 U	NS	80000 U	NS	150000 U
4,6-Dinitro-2-methylphenol	NS	1400 U	NS	80000 U	NS	150000 U
4-Bromophenyl phenyl ether	NS	600 U	NS	33000 U	NS	62000 U
4-Chloro-3-Methylphenol	NS	600 U	NS	33000 U	NS	62000 U
4-Chloroaniline	NS	600 U	NS	33000 U	NS	62000 U
4-Chlorophenyl phenyl ether	NS	600 U	NS	33000 U	NS	62000 U
4-Nitroaniline	NS	1400 U	NS	80000 U	NS	150000 U
4-Nitrophenol	NS	1400 U	NS	80000 U	NS	150000 U
Acenaphthene	NS	600 U	NS	33000 U	NS	62000 U
Acenaphthylene	NS	600 U	NS	33000 U	NS	62000 U
Anthracene	NS	600 U	NS	33000 U	NS	62000 U
Benzo(a)pyrene	NS	600 U	NS	33000 U	NS	62000 U
Benzo(b)fluoranthene	NS	600 U	NS	33000 U	NS	62000 U
Benzo(g,h,i)perylene	NS	600 U	NS	33000 U	NS	62000 U
Benzo(k)fluoranthene	NS	600 U	NS	33000 U	NS	62000 U
bis(2-Chloroethoxy)methane	NS	600 U	NS	33000 U	NS	62000 U
bis(2-Chloroisopropyl)ether	NS	NS	NS	NS	NS	NS
Bromodichloromethane	NS	18 U	NS	2300 U	NS	2400 U
Bromoform	NS	18 U	NS	2300 U	NS	2400 U
Bromomethane (Methyl bromide)	NS	18 U	NS	2300 U	NS	2400 U
Carbazole	NS	600 U	NS	33000 U	NS	62000 U
Chloroethane	NS	18 U	NS	2300 U	NS	2400 U
Chloromethane (Methyl chloride)	NS	18 U	NS	2300 U	NS	2400 U
Dibenzo(a,h)anthracene	NS	600 U	NS	33000 U	NS	62000 U
Dibenzofuran	NS	600 U	NS	33000 U	NS	62000 U
Dibromochloromethane	NS	18 U	NS	2300 U	NS	2400 U
Dieldrin	NS	NA R	NS	66 U	NS	120 UJ
Dimethyl phthalate	NS	600 U	NS	33000 U	NS	62000 U
Endosulfan I	NS	31 U	NS	34 U	NS	64 UJ
Endosulfan Sulfate	NS	60 U	NS	66 U	NS	120 UJ
Endrin	NS	60 U	NS	66 U	NS	120 UJ

TABLE A-7  
Data Summary Table for Non-Detected Constituents in Paper Residuals

Sample Locaton: Sample Date: Unit: Starting Depth (inches): Ending Depth (inches):	WB-5		WMW-3A		WMW-4A	
	mg/Kg	ug/Kg	mg/Kg	ug/Kg	mg/Kg	ug/Kg
	4	4	18	18	10	10
	6	6	20	20	12	12
Endrin Ketone	NS	60 U	NS	66 U	NS	120 UJ
Gamma-BHC (Lindane)	NS	31 U	NS	34 UJ	NS	64 UJ
Heptachlor	NS	31 U	NS	34 U	NS	64 UJ
Heptachlor Epoxide	NS	31 U	NS	34 U	NS	64 UJ
Hexachlorobenzene	NS	600 U	NS	33000 U	NS	62000 U
Hexachlorobutadiene	NS	600 U	NS	33000 UJ	NS	62000 UJ
Hexachlorocyclopentadiene	NS	600 U	NS	33000 U	NS	62000 U
Hexachloroethane	NS	600 U	NS	33000 U	NS	62000 U
Indeno(1,2,3-cd)pyrene	NS	600 U	NS	33000 U	NS	62000 U
Isophorone	NS	600 U	NS	33000 U	NS	62000 U
Methoxychlor	NS	310 U	NS	340 U	NS	640 UJ
Nitrobenzene	NS	600 U	NS	33000 U	NS	62000 U
N-Nitroso-di-n-propylamine	NS	600 U	NS	33000 U	NS	62000 U
N-Nitrosodiphenylamine	NS	600 U	NS	33000 U	NS	62000 U
Thallium	0.54 UJW	NS	0.93 U	NS	0.9 U	NS
Toxaphene	NS	3100 U	NS	3400 U	NS	6400 UJ
trans-1,3-Dichloropropene	NS	18 U	NS	2300 U	NS	2400 U
Trichloroethene	NS	18 U	NS	2300 U	NS	2400 U
Vinyl Chloride	NS	18 U	NS	2300 U	NS	2400 U

Notes:  
NA - Not Available  
NS - Not Sampled  
mg/kg - milligrams per kilogram  
ug/kg - microgram per kilogram

PREPARED BY/DATE: MKB 1/7/15  
CHECKED BY/DATE: SAG 1/20/15

**TABLE A-8**  
**Summary of Total PCB Interval Participation Weighted Concentrations in Soil**

<b>Sample Location</b>	<b>Start Depth (in.)</b>	<b>End Depth (in.)</b>	<b>Area</b>	<b>Total PCB IPWC (ppm)</b>
OCIFP-008	0	4	Area 2	2.49
OCIFP-013	0	7	Area 2	0.55
OCIFP-018	0	7	Area 2	5.46
OCIFP-028	0	6	Area 2	0.402
OCIFP-038	0	6	Area 2	9.45
OCIFP-048	0	6	Area 2	1.37
OCIFP-058	0	6	Area 2	4.2
OCIFP-068	0	6	Area 2	0.064
OCIFP-078	0	6	Area 2	0.135
OCIFP-088	0	6	Area 2	0.553
OCIFP-098	0	6	Area 2	0.32
OCIFP-102	0	6	Area 2	0.247
OCIFP-111	0	7	Area 2	1.8
OCIFP-120	0	7	Area 2	1.7
OCTBN-003	0	6	Area 2	25
OCTBN-011	0	7	Area 2	0.95
OCTBN-021	0	6	Area 2	0.835
OCTBN-031	0	7	Area 2	0.58
OCTBS-007	0	6	Area 2	0.263
OCTBS-017	0	5	Area 2	0.868
OCTBS-027	0	6	Area 2	0.78
KF3-1	0	6	Area 2	1.1
KP11F-5	0	2	Area 2	1.5
OCIFP-013	7	12	Area 2	0.113
OCIFP-018	0	7	Area 2	0.931
OCIFP-028	6	11	Area 2	2.32
OCIFP-038	6	10	Area 2	1.17
OCIFP-048	6	12	Area 2	2.2
OCIFP-058	6	12	Area 2	0.29
OCIFP-068	6	12	Area 2	0.052
OCIFP-078	6	12	Area 2	0.35
OCIFP-088	6	12	Area 2	0.13
OCIFP-098	6	15	Area 2	23
OCIFP-102	6	12	Area 2	0.09
OCIFP-111	0	7	Area 2	1.8
OCIFP-120	0	7	Area 2	0.315
OCTBN-003	6	11	Area 2	99
OCTBN-011	0	7	Area 2	0.475
OCTBN-021	6	12	Area 2	0.417
OCTBN-031	0	7	Area 2	0.26
OCTBS-002	6	12	Area 2	7.85
OCTBS-007	6	12	Area 2	0.127
OCTBS-017	5	12	Area 2	3.3

**TABLE A-8**  
**Summary of Total PCB Interval Participation Weighted Concentrations in Soil**

<b>Sample Location</b>	<b>Start Depth (in.)</b>	<b>End Depth (in.)</b>	<b>Area</b>	<b>Total PCB IPWC (ppm)</b>
OCTBS-027	6	10	Area 2	0.543
KF3-1	6	12	Area 2	0.4
KP11F-5	6	12	Area 2	0.09
OCIFP-013	12	21	Area 2	0.00988
OCIFP-018	7	13	Area 2	0.0228
OCIFP-028	12	24	Area 2	1.61
OCIFP-038	13	19	Area 2	0.625
OCIFP-043	12	20	Area 2	0.087
OCIFP-048	12	23	Area 2	0.244
OCIFP-058	12	24	Area 2	0.172
OCIFP-063	12	24	Area 2	26.1
OCIFP-068	12	24	Area 2	0.064
OCIFP-073	19	27	Area 2	2.43
OCIFP-078	12	24	Area 2	0.208
OCIFP-083	12	24	Area 2	0.87
OCIFP-088	12	24	Area 2	0.279
OCIFP-098	6	15	Area 2	11.6
OCIFP-102	12	24	Area 2	0.131
OCIFP-111	12	23	Area 2	0.032
OCIFP-120	7	14	Area 2	0.02
OCTBN-003	18	24	Area 2	64
OCTBN-011	12	17	Area 2	0.128
OCTBN-021	15	25	Area 2	0.151
OCTBN-031	7	13	Area 2	0.145
OCTBS-007	12	22	Area 2	0.0095
OCTBS-017	14	24	Area 2	0.51
OCTBS-027	14	23	Area 2	1.28
KF4-4	0	6	Area 3	0.0000365
OES4-2	0	6	Area 3	6.31
OES5-4	0	6	Area 3	0.85
OES6-4	0	6	Area 3	0.13
OES6-5	0	6	Area 3	0.00054
OFP-025	0	6	Area 3	0.319
OFP-036	0	7.5	Area 3	0.11
OFP-050	0	6	Area 3	4.09
OFP-068	0	6	Area 3	2.36
OFP-076	0	6	Area 3	0.103
OIBANKSED-01	0	6	Area 3	0.2
OIBANKSED-02	0	6	Area 3	8.7
OIBANKSED-03	0	6	Area 3	1.6
OIBANKSED-04A	0	6	Area 3	10
OIBANKSED-05	0	6	Area 3	17
OTBN-18	0	6	Area 3	2.47
OTBN-20	0	6	Area 3	12

**TABLE A-8**  
**Summary of Total PCB Interval Participation Weighted Concentrations in Soil**

<b>Sample Location</b>	<b>Start Depth (in.)</b>	<b>End Depth (in.)</b>	<b>Area</b>	<b>Total PCB IPWC (ppm)</b>
OTBS-08	0	6	Area 3	11.1
OTBS-17	0	6	Area 3	9.51
KF4-4	6	12	Area 3	0.000036
OES6-5	6	18	Area 3	0.00821
OFP-036	0	7.5	Area 3	0.041
OIBANKSED-01	6	12	Area 3	0.024
OIBANKSED-03	6	12	Area 3	0.32
OIBANKSED-04A	6	12	Area 3	0.84
OIBANKSED-05	6	12	Area 3	3.1
OES6-5	6	18	Area 3	10.4
OIBANKSED-03	12	21.6	Area 3	0.12
PES5-3	0	6	Area 1	0.078
PES5-3	6	18	Area 1	0.078
PES5-3	6	18	Area 1	42.1
KF1-3	0	6	Area 1	0.49
KF1-3	6	12	Area 1	0.028
KF2-3	0	6	Area 1	0.054
KF2-3	6	12	Area 1	0.065
OFP-046	0	6	Area 3	3.61
OFP-031	0	6	Area 3	0.168
OTBN-17	0	6	Area 3	0.744
OTBS-32	0	6	Area 3	21.5
OFP-002	0	6	Area 3	1.93

Notes:

in=inches

IPWC= Interval participation weighted concentration

ppm=parts per million

PCB=polychlorinated biphenyl

PREPARED BY/DATE: LSV 12/9/14

CHECKED BY/DATE: NSR 12/10/14



**TABLE A-9**  
**Summary of Total PCB Interval Participation Weighted Concentrations in Sediment**

<b>Sample Location</b>	<b>Start Depth (in.)</b>	<b>End Depth (in.)</b>	<b>Area</b>	<b>Total PCB IPWC (ppm)</b>
KRT12-8	0	2	Area 1	0.615
KRT16-8	0	2	Area 1	8.38
KRT4-2	0	2	Area 1	20.3
KRT5-3	0	2	Area 1	1.67
KRT12-8	6	12	Area 1	0.105
KRT16-8	6	12	Area 1	7.26
KRT4-2	6	12	Area 1	59
KRT5-3	6	12	Area 1	3.76
KRT12-8	12	24	Area 1	0.05
KRT4-2	12	24	Area 1	20
KRT5-3	12	24	Area 1	122
KP10F-1	0	2	Area 2	1.29
KP10F-7	0	2	Area 2	0.249
KP11F-1	0	2	Area 2	0.195
KP11F-7	0	2	Area 2	0.371
KP12C-7	0	2	Area 2	0.145
KP12C-9	0	2	Area 2	0.057
KP12F-2	0	2	Area 2	0.0677
KP12F-4	2	6	Area 2	14.4
OCG-2	0	0.4	Area 2	1.63
OCIDSED-01	0	6	Area 2	0.15
OCIDSED-02	0	6	Area 2	0.012
OCIDSED-03C	0	6	Area 2	0.011
OCIDSED-04	0	6	Area 2	0.063
OCIDSED-05	0	6	Area 2	2.3
OCIDSED-06	0	6	Area 2	0.084
OCIDSED-07	0	6	Area 2	0.0095
OCIDSED-08	0	6	Area 2	0.97
OCIDSED-09	0	6	Area 2	0.039
OCIDSED-10	0	6	Area 2	0.052
OCISED-013	0	6	Area 2	0.0095
OCISED-018	0	5	Area 2	0.00983
OCISED-023	0	6	Area 2	0.05
OCISED-033	0	6	Area 2	0.045
OCISED-038	0	6	Area 2	0.092
OCISED-043	0	4	Area 2	0.372
OCISED-053	0	6	Area 2	0.172
OCISED-063	0	6	Area 2	14
OCISED-073	0	6	Area 2	21.7
KP10F-1	6	12	Area 2	0.03
KP10F-7	6	12	Area 2	0.04
KP11F-1	6	12	Area 2	0.03

**TABLE A-9**  
**Summary of Total PCB Interval Participation Weighted Concentrations in Sediment**

<b>Sample Location</b>	<b>Start Depth (in.)</b>	<b>End Depth (in.)</b>	<b>Area</b>	<b>Total PCB IPWC (ppm)</b>
KP11F-7	6	12	Area 2	0.0325
KP12C-9	6	12	Area 2	0.068
KP12F-2	6	12	Area 2	0.065
KP12F-4	6	10	Area 2	29.4
OCG-2	6.3	7.1	Area 2	0.0701
OCIDSED-01	6	12	Area 2	0.22
OCIDSED-02	6	12	Area 2	0.0215
OCIDSED-03C	6	12	Area 2	0.0105
OCIDSED-04	6	12	Area 2	0.075
OCIDSED-05	6	12	Area 2	2.4
OCIDSED-06	6	12	Area 2	0.048
OCIDSED-07	6	12	Area 2	0.0095
OCIDSED-08	6	12	Area 2	0.0415
OCIDSED-09	6	12	Area 2	0.057
OCIDSED-10	6	12	Area 2	0.1
OCISED-013	6	12	Area 2	0.0095
OCISED-023	6	12	Area 2	0.24
OCISED-033	6	13	Area 2	0.098
OCISED-043	4	12	Area 2	0.0135
OCISED-048	6	12	Area 2	0.58
OCISED-053	6	12	Area 2	0.86
OCISED-063	6	13	Area 2	4.09
OCISED-073	6	12	Area 2	11.5
OCG-2	13.8	15.8	Area 2	0.0569
OCIDSED-01	12	24	Area 2	0.19
OCIDSED-02	12	24	Area 2	0.017
OCIDSED-03C	12	24	Area 2	3.2
OCIDSED-04	12	24	Area 2	0.056
OCIDSED-05	12	24	Area 2	0.29
OCIDSED-06	12	24	Area 2	0.1
OCIDSED-07	12	24	Area 2	0.01
OCIDSED-08	12	24	Area 2	0.065
OCIDSED-09	12	24	Area 2	0.0105
OCIDSED-10	12	24	Area 2	0.016
OCISED-013	12	23	Area 2	1.57
OCISED-023	12	27	Area 2	0.06
OCISED-033	13	26	Area 2	0.0259
OCISED-043	12	19	Area 2	0.0125
OCISED-053	12	24	Area 2	0.0205
OCISED-068	21	25	Area 2	7.1
OCISED-073	12	17	Area 2	18.2
KP13C-2	0	2	Area 3	1.1

**TABLE A-9**  
**Summary of Total PCB Interval Participation Weighted Concentrations in Sediment**

<b>Sample Location</b>	<b>Start Depth (in.)</b>	<b>End Depth (in.)</b>	<b>Area</b>	<b>Total PCB IPWC (ppm)</b>
KP13C-3	0	2	Area 3	0.726
KP13C-5	0	2	Area 3	0.0303
KP14C-1	0	2	Area 3	0.123
KP14F-4	2	3.5	Area 3	0.337
KP15F-1	0	2	Area 3	0.843
KP15F-2	0	2	Area 3	0.0967
KP15F-3	0	2	Area 3	11.7
KPT92-7	0	2	Area 3	0.0638
ODG-1	0	0.4	Area 3	3.38
OIDSED-01	0	6	Area 3	0.065
OIDSED-02	0	6	Area 3	0.051
OIDSED-03	0	6	Area 3	0.075
OIDSED-04	0	6	Area 3	0.081
OIDSED-05	0	6	Area 3	0.051
OIDSED-06	0	6	Area 3	0.21
OIDSED-07	0	6	Area 3	0.038
OIDSED-08	0	6	Area 3	0.14
OIDSED-09	0	6	Area 3	0.027
OIDSED-10	0	6	Area 3	0.28
KP13C-3	6	12	Area 3	0.6
KP15F-1	6	12	Area 3	4.31
KP15F-2	6	12	Area 3	0.065
KP15F-3	6	12	Area 3	0.075
KPT92-7	2	12	Area 3	0.075
ODG-1	6.3	7.1	Area 3	3.2
OIDSED-01	6	12	Area 3	0.031
OIDSED-02	6.000000	12.000000	Area 3	0.079
OIDSED-03	6.000000	12.000000	Area 3	0.14
OIDSED-04	6.000000	12.000000	Area 3	0.072
OIDSED-05	6.000000	12.000000	Area 3	0.084
OIDSED-06	6.000000	12.000000	Area 3	0.17
OIDSED-07	6.000000	12.000000	Area 3	0.15
OIDSED-08	6.000000	12.000000	Area 3	0.037
OIDSED-09	6.000000	12.000000	Area 3	0.017
OIDSED-10	6.000000	12.000000	Area 3	0.018
KPT92-7	12.000000	29.000000	Area 3	0.0395
ODG-1	13.800000	15.800000	Area 3	0.13
OIDSED-01	12.000000	24.000000	Area 3	0.064
OIDSED-02	12.000000	24.000000	Area 3	0.22
OIDSED-03	12.000000	24.000000	Area 3	0.059
OIDSED-04	12.000000	24.000000	Area 3	0.28
OIDSED-05	12.000000	24.000000	Area 3	0.34

**TABLE A-9**  
**Summary of Total PCB Interval Participation Weighted Concentrations in Sediment**

<b>Sample Location</b>	<b>Start Depth (in.)</b>	<b>End Depth (in.)</b>	<b>Area</b>	<b>Total PCB IPWC (ppm)</b>
OIDSED-06	12.000000	24.000000	Area 3	0.25
OIDSED-07	12.000000	24.000000	Area 3	0.064
OIDSED-08	12.000000	21.600000	Area 3	0.17
OIDSED-09	12.000000	24.000000	Area 3	0.019
OIDSED-10	12.000000	24.000000	Area 3	0.028
OCIDSED-03	0.000000	6.000000	Area 2	9
OCIDSED-03	6.000000	12.000000	Area 2	5.9
OCIDSED-03	12.000000	24.000000	Area 2	1.5
KPT49-1	0.000000	2.000000	Area 1	0.302
KPT65-3	0.000000	2.000000	Area 1	0.05
KPT65-3	2.000000	10.000000	Area 1	0.05
KPT49-1	2.000000	12.000000	Area 1	0.143
KPT49-1	12.000000	24.000000	Area 1	0.042
KP8F-3	0.000000	2.000000	Area 1	1.24
KP8F-1	0.000000	2.000000	Area 1	4.77
KP8F-1	2.000000	7.000000	Area 1	5.1
KP4F-4	0.000000	2.000000	Area 1	0.371
KP8F-7	0.000000	2.000000	Area 1	0.763
KP4F-10	0.000000	2.000000	Area 1	0.633
KP8F-5	0.000000	2.000000	Area 1	36.8
KP8F-5	6.000000	10.000000	Area 1	23.1
KP5C-5	0.000000	2.000000	Area 1	1.09
KP5C-5	6.000000	13.000000	Area 1	0.485
KP8C-3	0.000000	2.000000	Area 1	0.773
KP3C-8	0.000000	2.000000	Area 1	0.0265
KP3C-8	6.000000	13.000000	Area 1	0.0265
KP3C-8	6.000000	13.000000	Area 1	0.046
KP2C-8	0.000000	2.000000	Area 1	0.475
KP8F-4	0.000000	2.000000	Area 1	3.71
KP2F-1	2.000000	6.000000	Area 1	2.42
KP2F-1	6.000000	12.000000	Area 1	1.48
KP9F-7	0.000000	2.000000	Area 1	5.07
KP9F-7	6.000000	12.000000	Area 1	7.57
KP2F-6	2.000000	6.000000	Area 1	0.373
KP2F-6	6.000000	12.000000	Area 1	0.498

Notes:  
 in=inches  
 IPWC= Interval participation weighted concentration  
 ppm=parts per million  
 PCB=polychlorinated biphenyl

PREPARED BY/DATE: LSV 12/9/14  
 CHECKED BY/DATE: NSR 12/10/14

**TABLE A-10**  
**Total PCB Aroclor Concentrations in Paper Residuals Collected from 50 to 90 Percent of the Total Sample Depth**  
**Area-Wide Non-PCB Constituent Screening Evaluation**

Sample ID	Sample Location	Date Collected	Start Depth (ft)	End Depth (ft)	Total Depth (ft)	Total PCBs (mg/kg)
W70045	AMW-10B	7/29/1993	14	16	28	0.254 J
W70046	AMW-10B	7/29/1993	22	24	28	327 J
W70047	AMW-10B	7/29/1993	24	26	28	118
W70071	AMW-6B	8/9/1993	8	10	16	230 J
W70072	AMW-6B	8/9/1993	10	12	16	21.3 J
W70073	AMW-6B	8/9/1993	12	14	16	11.72 J
W70060	AMW-7B	8/5/1993	12	14	24	38 J
W70062	AMW-7B	8/5/1993	16	18	24	38.5 J
W70063	AMW-7B	8/5/1993	18	20	24	37.1 J
W70064	AMW-7B	8/5/1993	20	22	24	11.9
W70038	AMW-8B	7/26/1993	18	20	26	88 J
W70039	AMW-8B	7/26/1993	20	22	26	1.7
W70040	AMW-8B	7/26/1993	22	24	26	174
W70054	AMW-9B	8/2/1993	20	22	28	59.8 J
W70055	AMW-9B	8/2/1993	22	24	28	22 J
W70056	AMW-9B	8/2/1993	24	26	28	20.54 J
W70087	AS-1	8/16/1993	10	12	22	64 J
W70088	AS-1	8/16/1993	14	16	22	55 J
W70089	AS-1	8/16/1993	16	18	22	140 J
W70090	AS-1	8/16/1993	18	20	22	69.7 J
W70077	AS-2	8/13/1993	18	20	28	220 J
W70078	AS-2	8/13/1993	22	24	28	62 J
W70079	AS-2	8/13/1993	24	26	28	80.4 J
W70095	AS-3	8/16/1993	10	12	22	1.6 J
W70096	AS-3	8/16/1993	14	16	22	12
W70097	AS-3	8/16/1993	16	18	22	17 J
W70098	AS-3	8/16/1993	18	20	22	110
H80080	B1-1	8/2/1993	24	26	32	51
H80079	B1-1	8/2/1993	26	28	32	54
H80074	B1-2	8/2/1993	16	18	30	0.9
H80072	B1-2	8/2/1993	22	24	30	0.1 J
H80071	B1-2	8/2/1993	24	26	30	0.289 J
H80069	B1-2	8/2/1993	26	27.75	30	29.78 J
H80087	B1-3	8/3/1993	16	18	32	0.16 U
H80086	B1-3	8/3/1993	24	26	32	77
H80085	B1-3	8/3/1993	26	28	32	4.1
H80094	B2-1	8/4/1993	20	22	34	6.2
H80093	B2-1	8/4/1993	26	28	34	0.23
H80092	B2-1	8/4/1993	28	30	34	53 J
H80102	B2-2	8/4/1993	18	20	26	4.7
H80101	B2-2	8/4/1993	20	22	26	40 J
H80100	B2-2	8/4/1993	22	24	26	42 J
H80113	B2-3	8/5/1993	12	14	22.7	0.42 J
H80112	B2-3	8/5/1993	16	18	22.7	8 J
H80111	B2-3	8/5/1993	18	20	22.7	53 J
H80110	B2-3	8/5/1993	20	20.9	22.7	6.4
H80125	B3-1	8/5/1993	16	18	24	14 J
H80124	B3-1	8/5/1993	18	20	24	240 J
H80123	B3-1	8/5/1993	20	22	24	28
H80136	B3-2	8/9/1993	16	18	24	310 J

**TABLE A-10**  
**Total PCB Aroclor Concentrations in Paper Residuals Collected from 50 to 90 Percent of the Total Sample Depth**  
**Area-Wide Non-PCB Constituent Screening Evaluation**

Sample ID	Sample Location	Date Collected	Start Depth (ft)	End Depth (ft)	Total Depth (ft)	Total PCBs (mg/kg)
H80133	B3-2	8/9/1993	18	20	24	55 J
H80131	B3-2	8/9/1993	20	22	24	22 J
H80119	B3-3	8/5/1993	12	14	18	1.2 J
H80118	B3-3	8/5/1993	14	16	18	8.8 J
H80037	MW-10-A	7/21/1993	36	38	38	0.093
H80011	MW-10-B	7/20/1993	18	20	36	0.37
H80016	MW-10-B	7/20/1993	28	30	36	82 J
H80048	MW-9A	7/27/1993	18	20	24	79
H80045	MW-9A	7/27/1993	20	22	24	6.3
W70138	WB-1	9/1/1993	16	18	24	55
W70139	WB-1	9/1/1993	18	20	24	93
W70140	WB-1	9/1/1993	20	22	24	58.71 J
W70110	WB-2	8/30/1993	8	10	18	5.6 J
W70111	WB-2	8/30/1993	10	12	18	47.2
W70112	WB-2	8/30/1993	12	14	18	0.08 U
W70130	WB-3	9/1/1993	4	6	8	26.55 J
W70124	WB-4	8/31/1993	4	6	10	30
W70125	WB-4	8/31/1993	6	8	10	58.2 J
W70120	WB-5	8/31/1993	4	6	8	19.1
W70027	WMW-3A	7/22/1993	14	16	22	58.4 J
W70028	WMW-3A	7/22/1993	16	18	22	77
W70029	WMW-3A	7/22/1993	18	20	22	22
W70019	WMW-4A	7/21/1993	10	12	14	38 J
T90029	MW-2B	7/29/1993	3.1	4.6	4.6	23.5 J
T90028	MW-4B	8/3/1993	2	4	4	0.88 J
T90100	SB-1	8/13/1993	22	24	28	1.1 J
T90101	SB-1	8/13/1993	24	26	28	57 J
T90066	SB-2	8/5/1993	18	20	24	4
T90067	SB-2	8/5/1993	20	22	24	3.54
T90075	SB-4	8/10/1993	24	26	28	29.38 J
T90076	SB-4	8/10/1993	22	24	28	29 J
T90092	SB-6	8/12/1993	14	16	22	1
T90083	SB-7	8/11/1993	18	20	26	140 J
T90082	SB-7	8/11/1993	20	22	26	120 J
T90081	SB-7	8/11/1993	22	24	26	52.2 J
T90105	T-MW-1	8/17/1993	6	8	8	6.7 J
T90033	T-MW-3	7/29/1993	2	4	4	5.11 J
T90039	T-MW-5	7/30/1993	0	2	2	28.6 J

Notes:

ft = feet

mg/kg = milligrams per kilogram

PREPARED BY/DATE: RRP 12/02/14

CHECKED BY/DATE: SAG 12/10/14

Data Flags:

J = Value is estimated

U = Not detected above reporting limit

**APPENDIX B**  
**SEDIMENT REFERENCE DATA**

**TABLE B-1a**  
**Summary of Detected Analytes in Upstream Sediment Sample**

Analyte	Number Detects	Number of Samples	Frequency of Detection	Minimum Detected Concentration		Maximum Detected Concentration		KM Mean
<b><u>Metals/Inorganics (mg/kg)</u></b>								
Antimony	0	1	0%	--	--	--	--	--
Arsenic	1	1	100%	14	--	14	--	--
Barium	1	1	100%	130	--	130	--	--
Beryllium	1	1	100%	0.5	J	0.5	J	--
Cadmium	1	1	100%	9.6	--	9.6	--	--
Chromium	1	1	100%	180	--	180	--	--
Cobalt	1	1	100%	5.8	--	5.8	--	--
Copper	1	1	100%	35	--	35	--	--
Iron	1	1	100%	26000	--	26000	--	--
Lead	1	1	100%	68	--	68	--	--
Magnesium	1	1	100%	5700	--	5700	--	--
Mercury	6	6	100%	0.03	J	0.29	--	0.0933
Molybdenum	1	1	100%	1.3	J	1.3	J	--
Nickel	23	23	100%	2.7	--	23	--	9.652
Selenium	1	1	100%	1.9	J	1.9	J	--
Silver	1	1	100%	0.43	J	0.43	J	--
Thallium	0	1	0%	--	--	--	--	--
Vanadium	23	23	100%	2.5	--	34	--	8.887
Zinc	1	1	100%	480	--	480	--	--
<b><u>Semi-Volatile Organic Compounds (SVOCs) (ug/kg)</u></b>								
1,2-Dichlorobenzene	0	2	0%	--	--	--	--	--
1,3-Dichlorobenzene	0	2	0%	--	--	--	--	--
1,4-Dichlorobenzene	0	2	0%	--	--	--	--	--
2,4,5-Trichlorophenol	0	1	0%	--	--	--	--	--
2,4,6-Trichlorophenol	0	1	0%	--	--	--	--	--
2,4-Dichlorophenol	0	1	0%	--	--	--	--	--
2,4-Dimethylphenol	0	1	0%	--	--	--	--	--
2,4-Dinitrophenol	0	1	0%	--	--	--	--	--
2,4-Dinitrotoluene	0	1	0%	--	--	--	--	--
2-Chloronaphthalene	0	1	0%	--	--	--	--	--
2-Chlorophenol	0	1	0%	--	--	--	--	--
2-Methylnaphthalene	2	3	67%	130	J	150	J	104.7
2-Methylphenol	0	1	0%	--	--	--	--	--
2-Nitroaniline	0	1	0%	--	--	--	--	--
2-Nitrophenol	0	1	0%	--	--	--	--	--
3,3'-Dichlorobenzidine	0	1	0%	--	--	--	--	--
3-Methylphenol & 4-Methylphenol	0	1	0%	--	--	--	--	--
3-Nitroaniline	0	1	0%	--	--	--	--	--
4,6-Dinitro-2-methylphenol	0	1	0%	--	--	--	--	--



**TABLE B-1a**  
**Summary of Detected Analytes in Upstream Sediment Sample**

Analyte	Number Detects	Number of Samples	Frequency of Detection	Minimum Detected Concentration		Maximum Detected Concentration		KM Mean
4-Bromophenyl phenyl ether	0	1	0%	--	--	--	--	--
4-Chloro-3-methylphenol	0	1	0%	--	--	--	--	--
4-Chloroaniline	0	1	0%	--	--	--	--	--
4-Chlorophenyl phenyl ether	0	1	0%	--	--	--	--	--
4-Methyl-2-pentanone	0	1	0%	--	--	--	--	--
4-Nitroaniline	0	1	0%	--	--	--	--	--
4-Nitrophenol	0	1	0%	--	--	--	--	--
Acenaphthene	8	8	100%	30	J	330	--	111.8
Acenaphthylene	2	3	67%	220	--	460	--	276.7
Anthracene	11	11	100%	100	J	3900	--	670.9
Benzo(a)anthracene	15	15	100%	90	J	7300	--	1357
Benzo(a)pyrene	16	16	100%	60	J	6100	--	1305
Benzo(b)fluoranthene	16	16	100%	80	J	9300	--	1814
Benzo(g,h,i)perylene	1	1	100%	380	--	380	--	--
Benzo(k)fluoranthene	3	3	100%	240	--	520	--	420
bis(2-chloroethoxy)methane	0	1	0%	--	--	--	--	--
bis(2-chloroethyl)ether	0	1	0%	--	--	--	--	--
bis(2-chloroisopropyl)ether	0	1	0%	--	--	--	--	--
bis(2-ethylhexyl)phthalate	0	1	0%	--	--	--	--	--
Butyl benzyl phthalate	0	1	0%	--	--	--	--	--
Carbazole	0	1	0%	--	--	--	--	--
Chrysene	18	18	100%	80	J	8600	--	1390
Dibenz(a,h)anthracene	1	1	100%	99	J	99	J	--
Dibenzofuran	0	1	0%	--	--	--	--	--
Diethyl phthalate	0	1	0%	--	--	--	--	--
Dimethyl phthalate	0	1	0%	--	--	--	--	--
Di-n-butyl phthalate	1	1	100%	220	J	220	J	--
Di-n-octyl phthalate	0	1	0%	--	--	--	--	--
Fluoranthene	19	19	100%	80	J	13000	--	2166
Fluorene	5	5	100%	76	J	870	--	273.2
Hexachlorobenzene	0	1	0%	--	--	--	--	--
Hexachlorobutadiene	0	1	0%	--	--	--	--	--
Hexachlorocyclopentadiene	0	1	0%	--	--	--	--	--
Hexachloroethane	0	1	0%	--	--	--	--	--
Indeno(1,2,3-cd)pyrene	10	10	100%	60	J	1600	--	472
Isophorone	0	1	0%	--	--	--	--	--
Isopropylbenzene	0	1	0%	--	--	--	--	--
Naphthalene	3	4	75%	120	J	410	--	193.5
Nitrobenzene	0	1	0%	--	--	--	--	--
N-Nitrosodi-n-propylamine	0	1	0%	--	--	--	--	--
N-Nitrosodiphenylamine	0	1	0%	--	--	--	--	--

**TABLE B-1a**  
**Summary of Detected Analytes in Upstream Sediment Sample**

Analyte	Number Detects	Number of Samples	Frequency of Detection	Minimum Detected Concentration		Maximum Detected Concentration		KM Mean
N-Propylbenzene	0	1	0%	--	--	--	--	--
Pentachlorophenol	0	1	0%	--	--	--	--	--
Phenanthrene	14	14	100%	160	J	8800	--	1367
Phenol	0	1	0%	--	--	--	--	--
Pyrene	20	20	100%	80	J	13000	--	1955
TPH (DRO)	1	1	100%	190000	J	190000	J	--
TPH (GRO)	0	1	0%	--	--	--	--	--
TPH (ORO)	1	1	100%	900000	J	900000	J	--
<b><u>Volatile Organic Compounds (VOCs) (ug/kg)</u></b>								
1,1,1,2-Tetrachloroethane	0	1	0%	--	--	--	--	--
1,1,1-Trichloroethane	0	1	0%	--	--	--	--	--
1,1,2,2-Tetrachloroethane	0	1	0%	--	--	--	--	--
1,1,2-Trichloroethane	0	1	0%	--	--	--	--	--
1,1,2-Trichlorotrifluoroethane	0	1	0%	--	--	--	--	--
1,1-Dichloroethane	0	1	0%	--	--	--	--	--
1,1-Dichloroethene	0	1	0%	--	--	--	--	--
1,2,3-Trichloropropane	0	1	0%	--	--	--	--	--
1,2,4-Trichlorobenzene	0	2	0%	--	--	--	--	--
1,2,4-Trimethylbenzene	0	1	0%	--	--	--	--	--
1,2-Dibromo-3-Chloropropane	0	1	0%	--	--	--	--	--
1,2-Dibromoethane	0	1	0%	--	--	--	--	--
1,2-Dichloroethane	0	1	0%	--	--	--	--	--
1,2-Dichloropropane	0	1	0%	--	--	--	--	--
1,3,5-Trimethylbenzene	0	1	0%	--	--	--	--	--
2,6-Dinitrotoluene	0	1	0%	--	--	--	--	--
2-Butanone	1	1	100%	36	J	36	J	--
2-Hexanone	0	1	0%	--	--	--	--	--
Acetone	22	22	100%	110	J	280	J	171.4
Benzene	0	1	0%	--	--	--	--	--
Bromochloromethane	0	1	0%	--	--	--	--	--
Bromodichloromethane	0	1	0%	--	--	--	--	--
Bromoform	0	1	0%	--	--	--	--	--
Bromomethane	0	1	0%	--	--	--	--	--
Carbon disulfide	0	1	0%	--	--	--	--	--
Carbon tetrachloride	0	1	0%	--	--	--	--	--
Chlorobenzene	0	1	0%	--	--	--	--	--
Chloroethane	0	1	0%	--	--	--	--	--
Chloroform	0	1	0%	--	--	--	--	--
Chloromethane	0	1	0%	--	--	--	--	--
cis-1,2-Dichloroethene	0	1	0%	--	--	--	--	--

**TABLE B-1a**  
**Summary of Detected Analytes in Upstream Sediment Sample**

<b>Analyte</b>	<b>Number Detects</b>	<b>Number of Samples</b>	<b>Frequency of Detection</b>	<b>Minimum Detected Concentration</b>		<b>Maximum Detected Concentration</b>		<b>KM Mean</b>
cis-1,3-Dichloropropene	0	1	0%	--	--	--	--	--
Dibromochloromethane	0	1	0%	--	--	--	--	--
Dibromomethane	0	1	0%	--	--	--	--	--
Dichlorodifluoromethane	0	1	0%	--	--	--	--	--
Diethyl ether	0	1	0%	--	--	--	--	--
Ethylbenzene	0	1	0%	--	--	--	--	--
m,p-Xylene	0	1	0%	--	--	--	--	--
Methyl iodide	0	1	0%	--	--	--	--	--
Methyl tert-butyl ether	0	1	0%	--	--	--	--	--
Methylene Chloride	21	22	95%	20	J	40	J	31.76
o-Xylene	0	1	0%	--	--	--	--	--
Styrene	0	1	0%	--	--	--	--	--
Tetrachloroethene	0	1	0%	--	--	--	--	--
Toluene	9	10	90%	10	J	5400	--	1266
trans-1,2-Dichloroethene	0	1	0%	--	--	--	--	--
trans-1,3-Dichloropropene	0	1	0%	--	--	--	--	--
trans-1,4-Dichloro-2-butene	0	1	0%	--	--	--	--	--
Trichloroethene	0	1	0%	--	--	--	--	--
Trichlorofluoromethane	0	1	0%	--	--	--	--	--
Vinyl acetate	0	1	0%	--	--	--	--	--
Vinyl chloride	0	1	0%	--	--	--	--	--
Xylenes (total)	0	1	0%	--	--	--	--	--

**Notes:**

mg/kg = milligrams per kilogram  
ug/kg = microgram per kilogram  
J = Value is estimated  
-- = Cannot calculate for zero detects  
KM = Kaplan Meier

PREPARED BY/DATE: LSV 05/07/14  
CHECKED BY/DATE: LMS 5/21/14

**TABLE B-1b**  
**Upstream Sediment Samples (Enbridge Samples)**

Sample ID	Sample		Result	Unit	Data
	Date	Analyte			Qualifier
Control point #1-0.0-0.2	9/1/2010	1,1,1,2-Tetrachloroethane	34	ug/kg	U
Control point #1-0.0-0.2	9/1/2010	1,1,1-Trichloroethane	34	ug/kg	U
Control point #1-1.2-1.5	9/1/2010	1,1,2,2-Tetrachloroethane	34	ug/kg	U
Control point #4-1.4-1.6	9/1/2010	1,1,2-Trichloroethane	34	ug/kg	U
Control point #1-0.5-0.8	9/1/2010	1,1,2-Trichlorotrifluoroethane	34	ug/kg	U
Control point #2-0.0-0.6	9/1/2010	1,1-Dichloroethane	34	ug/kg	U
Control point #8-0.0-0.2	9/1/2010	1,1-Dichloroethene	34	ug/kg	U
Control point #1-0.0-0.2	9/1/2010	1,2,3-Trichloropropane	34	ug/kg	U
Control point #1-0.0-0.2	9/1/2010	1,2,4-Trichlorobenzene	780	ug/kg	U
Control point #1-0.0-0.2	9/1/2010	1,2,4-Trichlorobenzene	34	ug/kg	UJ
Control point #1-0.0-0.2	9/1/2010	1,2,4-Trimethylbenzene	34	ug/kg	UJ
Control point #1-0.2-0.5	9/1/2010	1,2-Dibromo-3-Chloropropane	34	ug/kg	U
Control point #1-0.2-0.5	9/1/2010	1,2-Dibromoethane	34	ug/kg	U
Control point #1-0.2-0.5	9/1/2010	1,2-Dichlorobenzene	780	ug/kg	UJ
Control point #1-0.2-0.5	9/1/2010	1,2-Dichlorobenzene	34	ug/kg	UJ
Control point #7-0.2-1.3	9/1/2010	1,2-Dichloroethane	34	ug/kg	U
Control point #1-0.5-0.8	9/1/2010	1,2-Dichloropropane	34	ug/kg	U
Control point #1-0.5-0.8	9/1/2010	1,3,5-Trimethylbenzene	34	ug/kg	UJ
Control point #1-0.5-0.8	9/1/2010	1,3-Dichlorobenzene	780	ug/kg	UJ
Control point #1-0.5-0.8	9/1/2010	1,3-Dichlorobenzene	34	ug/kg	UJ
Control point #1-0.8-1.2	9/1/2010	1,4-Dichlorobenzene	780	ug/kg	UJ
Control point #1-0.8-1.2	9/1/2010	1,4-Dichlorobenzene	34	ug/kg	UJ
Control point #1-0.8-1.2	9/1/2010	2,4,5-Trichlorophenol	1500	ug/kg	U
Control point #1-0.8-1.2	9/1/2010	2,4,6-Trichlorophenol	1500	ug/kg	U
Control point #1-0.8-1.2	9/1/2010	2,4-Dichlorophenol	1500	ug/kg	U
Control point #1-0.8-1.2	9/1/2010	2,4-Dimethylphenol	1500	ug/kg	U
Control point #1-0.8-1.2	9/1/2010	2,4-Dinitrophenol	3100	ug/kg	U
Control point #1-0.8-1.2	9/1/2010	2,4-Dinitrotoluene	780	ug/kg	U
Control point #1-0.8-1.2	9/1/2010	2,6-Dinitrotoluene	780	ug/kg	U
Control point #1-0.8-1.2	9/1/2010	2-Butanone	36	ug/kg	J
Control point #1-0.8-1.2	9/1/2010	2-Chloronaphthalene	780	ug/kg	U
Control point #1-0.8-1.2	9/1/2010	2-Chlorophenol	780	ug/kg	U
Control point #1-0.8-1.2	9/1/2010	2-Hexanone	34	ug/kg	U
Control point #1-1.2-1.5	9/1/2010	2-Methylnaphthalene	150	ug/kg	J
Control point #1-1.2-1.5	9/1/2010	2-Methylnaphthalene	34	ug/kg	U
Control point #1-1.2-1.5	9/1/2010	2-Methylnaphthalene	0.13	mg/kg	J
Control point #1-1.2-1.5	9/1/2010	2-Methylphenol	780	ug/kg	U
Control point #1-1.2-1.5	9/1/2010	2-Nitroaniline	780	ug/kg	U
Control point #1-1.2-1.5	9/1/2010	2-Nitrophenol	1500	ug/kg	U
Control point #1-1.2-1.5	9/1/2010	3,3'-Dichlorobenzidine	780	ug/kg	U
Control point #1-1.2-1.5	9/1/2010	3-Methylphenol & 4-Methylphenol	780	ug/kg	U
Control point #1-1.2-1.5	9/1/2010	3-Nitroaniline	1500	ug/kg	U
Control point #1-1.2-1.5	9/1/2010	4,6-Dinitro-2-methylphenol	1500	ug/kg	U
Control point #1-1.2-1.5	9/1/2010	4-Bromophenyl phenyl ether	780	ug/kg	U
Control point #1-1.2-1.5	9/1/2010	4-Chloro-3-methylphenol	1500	ug/kg	U
Control point #1-1.2-1.5	9/1/2010	4-Chloroaniline	3100	ug/kg	U
Control point #1-1.2-1.5	9/1/2010	4-Chlorophenyl phenyl ether	780	ug/kg	U
Control point #1-1.2-1.5	9/1/2010	4-Methyl-2-pentanone	34	ug/kg	U

**TABLE B-1b**  
**Upstream Sediment Samples (Enbridge Samples)**

Sample ID	Sample		Result	Unit	Data
	Date	Analyte			Qualifier
Control point #1-1.2-1.5	9/1/2010	4-Nitroaniline	1500	ug/kg	U
Control point #1-1.2-1.5	9/1/2010	4-Nitrophenol	3100	ug/kg	U
Control point #1-1.2-1.5	9/1/2010	Acenaphthene	34	ug/kg	J
Control point #1-1.2-1.5	9/1/2010	Acenaphthene	0.33	mg/kg	
Control point #1-1.2-1.5	9/1/2010	Acenaphthene	0.15	mg/kg	
Control point #1-1.2-1.5	9/1/2010	Acenaphthene	0.14	mg/kg	
Control point #1-1.2-1.5	9/1/2010	Acenaphthene	0.09	mg/kg	MJ
Control point #1-0.5-0.8	9/1/2010	Acenaphthene	0.08	mg/kg	J
Control point #8-0.0-0.2	9/1/2010	Acenaphthene	0.04	mg/kg	J
Control point #1-1.2-1.5	9/1/2010	Acenaphthene	0.03	mg/kg	J
Control point #1-1.5-1.9	9/1/2010	Acenaphthylene	150	ug/kg	U
Control point #1-1.5-1.9	9/1/2010	Acenaphthylene	0.46	mg/kg	
Control point #1-1.5-1.9	9/1/2010	Acenaphthylene	0.22	mg/kg	
Control point #1-1.5-1.9	9/1/2010	Acetone	280	ug/kg	J
Control point #1-1.5-1.9	9/1/2010	Acetone	0.23	mg/kg	J
Control point #1-1.5-1.9	9/1/2010	Acetone	0.21	mg/kg	J
Control point #1-1.5-1.9	9/1/2010	Acetone	0.19	mg/kg	J
Control point #1-1.5-1.9	9/1/2010	Acetone	0.19	mg/kg	J
Control point #1-1.5-1.9	9/1/2010	Acetone	0.18	mg/kg	J
Control point #1-1.5-1.9	9/1/2010	Acetone	0.18	mg/kg	J
Control point #1-1.5-1.9	9/1/2010	Acetone	0.17	mg/kg	J
Control point #1-1.5-1.9	9/1/2010	Acetone	0.17	mg/kg	J
Control point #4-0.0-0.2	9/1/2010	Acetone	0.17	mg/kg	J
Control point #6-0.0-0.1	9/1/2010	Acetone	0.17	mg/kg	J
Control point #6-0.4-1.0	9/1/2010	Acetone	0.17	mg/kg	J
Control point #1-0.5-0.8	9/1/2010	Acetone	0.16	mg/kg	J
Control point #1-1.2-1.5	9/1/2010	Acetone	0.16	mg/kg	J
Control point #1-1.5-1.9	9/1/2010	Acetone	0.16	mg/kg	J
Control point #1-1.5-1.9	9/1/2010	Acetone	0.16	mg/kg	J
Control point #1-0.8-1.2	9/1/2010	Acetone	0.15	mg/kg	J
Control point #1-1.5-1.9	9/1/2010	Acetone	0.14	mg/kg	J
Control point #1-1.5-1.9	9/1/2010	Acetone	0.14	mg/kg	J
Control point #1-1.5-1.9	9/1/2010	Acetone	0.14	mg/kg	J
Control point #1-1.5-1.9	9/1/2010	Acetone	0.14	mg/kg	J
Control point #1-1.5-1.9	9/1/2010	Acetone	0.11	mg/kg	J
Control point #3-0.0-0.1	9/1/2010	Anthracene	110	ug/kg	J
Control point #4-0.0-0.2	9/1/2010	Anthracene	3.9	mg/kg	
Control point #1-1.5-1.9	9/1/2010	Anthracene	1.5	mg/kg	
Control point #1-1.5-1.9	9/1/2010	Anthracene	0.36	mg/kg	MJ
Control point #2-0.0-0.6	9/1/2010	Anthracene	0.32	mg/kg	
Control point #1-1.5-1.9	9/1/2010	Anthracene	0.31	mg/kg	J
Control point #2-0.0-0.6	9/1/2010	Anthracene	0.28	mg/kg	J
Control point #1-1.5-1.9	9/1/2010	Anthracene	0.22	mg/kg	J
Control point #6-0.4-1.0	9/1/2010	Anthracene	0.16	mg/kg	J
Control point #1-1.5-1.9	9/1/2010	Anthracene	0.12	mg/kg	J
Control point #1-1.5-1.9	9/1/2010	Anthracene	0.10	mg/kg	J
Control point #1-1.5-1.9	9/1/2010	Antimony	4600	ug/kg	UJ
Control point #1-1.5-1.9	9/1/2010	Arsenic	14000	ug/kg	

**TABLE B-1b**  
**Upstream Sediment Samples (Enbridge Samples)**

Sample ID	Sample		Result	Unit	Data
	Date	Analyte			Qualifier
Control point #1-1.5-1.9	9/1/2010	Barium	130000	ug/kg	
Control point #2-0.0-0.6	9/1/2010	Benzene	34	ug/kg	U
Control point #2-0.0-0.6	9/1/2010	Benzo(a)anthracene	370	ug/kg	
Control point #2-0.0-0.6	9/1/2010	Benzo(a)anthracene	7.3	mg/kg	
Control point #2-0.0-0.6	9/1/2010	Benzo(a)anthracene	4.7	mg/kg	
Control point #2-0.0-0.6	9/1/2010	Benzo(a)anthracene	1.5	mg/kg	M
Control point #2-0.0-0.6	9/1/2010	Benzo(a)anthracene	1.4	mg/kg	
Control point #2-0.0-0.6	9/1/2010	Benzo(a)anthracene	1.2	mg/kg	
Control point #2-0.0-0.6	9/1/2010	Benzo(a)anthracene	1.0	mg/kg	
SE009141200JPN1	9/14/2010	Benzo(a)anthracene	0.81	mg/kg	
SE009141200JPN1	9/14/2010	Benzo(a)anthracene	0.52	mg/kg	
SE009141200JPN1	9/14/2010	Benzo(a)anthracene	0.50	mg/kg	
Control point #2-0.0-0.6	9/1/2010	Benzo(a)anthracene	0.34	mg/kg	
SE009141200JPN1	9/14/2010	Benzo(a)anthracene	0.26	mg/kg	
SE009141200JPN1	9/14/2010	Benzo(a)anthracene	0.23	mg/kg	
Control point #2-0.0-0.6	9/1/2010	Benzo(a)anthracene	0.14	mg/kg	J
SE009141200JPN1	9/14/2010	Benzo(a)anthracene	0.09	mg/kg	J
Control point #2-0.0-0.6	9/1/2010	Benzo(a)pyrene	480	ug/kg	
Control point #2-0.0-0.6	9/1/2010	Benzo(a)pyrene	6.1	mg/kg	
SE009141200JPN1	9/14/2010	Benzo(a)pyrene	6.1	mg/kg	
Control point #2-0.0-0.6	9/1/2010	Benzo(a)pyrene	1.7	mg/kg	
SE009141200JPN1	9/14/2010	Benzo(a)pyrene	1.6	mg/kg	M
Control point #2-0.0-0.6	9/1/2010	Benzo(a)pyrene	0.95	mg/kg	
SE009141200JPN1	9/14/2010	Benzo(a)pyrene	0.86	mg/kg	
Control point #2-0.0-0.6	9/1/2010	Benzo(a)pyrene	0.63	mg/kg	
SE009141200JPN1	9/14/2010	Benzo(a)pyrene	0.62	mg/kg	
SE009141200JPN1	9/14/2010	Benzo(a)pyrene	0.59	mg/kg	
SE009141200JPN1	9/14/2010	Benzo(a)pyrene	0.47	mg/kg	
Control point #2-0.0-0.6	9/1/2010	Benzo(a)pyrene	0.30	mg/kg	
Control point #2-0.0-0.6	9/1/2010	Benzo(a)pyrene	0.28	mg/kg	
Control point #2-0.0-0.6	9/1/2010	Benzo(a)pyrene	0.07	mg/kg	J
Control point #2-0.0-0.6	9/1/2010	Benzo(a)pyrene	0.07	mg/kg	J
Control point #2-0.0-0.6	9/1/2010	Benzo(a)pyrene	0.06	mg/kg	J
Control point #2-0.6-1.0	9/1/2010	Benzo(b)fluoranthene	760	ug/kg	
Control point #2-0.6-1.0	9/1/2010	Benzo(b)fluoranthene	9.3	mg/kg	
Control point #2-0.6-1.0	9/1/2010	Benzo(b)fluoranthene	7.5	mg/kg	
Control point #2-0.6-1.0	9/1/2010	Benzo(b)fluoranthene	2.7	mg/kg	M
Control point #2-0.6-1.0	9/1/2010	Benzo(b)fluoranthene	1.9	mg/kg	
Control point #2-0.6-1.0	9/1/2010	Benzo(b)fluoranthene	1.7	mg/kg	
Control point #2-0.6-1.0	9/1/2010	Benzo(b)fluoranthene	1.6	mg/kg	
Control point #2-0.6-1.0	9/1/2010	Benzo(b)fluoranthene	0.96	mg/kg	
Control point #2-0.6-1.0	9/1/2010	Benzo(b)fluoranthene	0.81	mg/kg	
Control point #2-0.0-0.6	9/1/2010	Benzo(b)fluoranthene	0.48	mg/kg	
Control point #2-0.0-0.6	9/1/2010	Benzo(b)fluoranthene	0.36	mg/kg	
Control point #2-0.0-0.6	9/1/2010	Benzo(b)fluoranthene	0.29	mg/kg	
SE009141200JPN1	9/14/2010	Benzo(b)fluoranthene	0.28	mg/kg	
Control point #2-0.0-0.6	9/1/2010	Benzo(b)fluoranthene	0.20	mg/kg	J
Control point #2-0.0-0.6	9/1/2010	Benzo(b)fluoranthene	0.11	mg/kg	J

**TABLE B-1b**  
**Upstream Sediment Samples (Enbridge Samples)**

Sample ID	Sample		Result	Unit	Data
	Date	Analyte			Qualifier
Control point #2-0.0-0.6	9/1/2010	Benzo(b)fluoranthene	0.08	mg/kg	J
Control point #2-0.6-1.0	9/1/2010	Benzo(g,h,i)perylene	380	ug/kg	
Control point #2-0.6-1.0	9/1/2010	Benzo(k)fluoranthene	240	ug/kg	
Control point #2-0.6-1.0	9/1/2010	Benzo(k)fluoranthene	0.52	mg/kg	
Control point #2-0.6-1.0	9/1/2010	Benzo(k)fluoranthene	0.50	mg/kg	
Control point #2-0.6-1.0	9/1/2010	Beryllium	500	ug/kg	J
Control point #2-0.6-1.0	9/1/2010	bis(2-chloroethoxy)methane	780	ug/kg	UJ
Control point #2-0.6-1.0	9/1/2010	bis(2-chloroethyl)ether	780	ug/kg	U
Control point #2-0.6-1.0	9/1/2010	bis(2-chloroisopropyl)ether	780	ug/kg	U
Control point #2-0.6-1.0	9/1/2010	bis(2-ethylhexyl)phthalate	780	ug/kg	U
SE009141200JPN1	9/14/2010	Bromochloromethane	34	ug/kg	U
Control point #3-0.0-0.1	9/1/2010	Bromodichloromethane	34	ug/kg	U
Control point #3-0.0-0.1	9/1/2010	Bromoform	34	ug/kg	U
Control point #3-0.0-0.1	9/1/2010	Bromomethane	34	ug/kg	U
Control point #3-0.0-0.1	9/1/2010	Butyl benzyl phthalate	780	ug/kg	U
SE009141200JPN1	9/14/2010	Cadmium	9600	ug/kg	
Control point #3-0.0-0.1	9/1/2010	Carbazole	780	ug/kg	U
Control point #3-0.1-0.4	9/1/2010	Carbon disulfide	34	ug/kg	U
Control point #3-0.1-0.4	9/1/2010	Carbon tetrachloride	34	ug/kg	U
Control point #3-0.1-0.4	9/1/2010	Chlorobenzene	34	ug/kg	UJ
Control point #3-0.1-0.4	9/1/2010	Chloroethane	34	ug/kg	U
Control point #4-0.0-0.2	9/1/2010	Chloroform	34	ug/kg	U
Control point #4-0.0-0.2	9/1/2010	Chloromethane	34	ug/kg	U
Control point #4-0.0-0.2	9/1/2010	Chromium	180000	ug/kg	
Control point #4-0.0-0.2	9/1/2010	Chrysene	530	ug/kg	
Control point #4-0.0-0.2	9/1/2010	Chrysene	8.6	mg/kg	
Control point #4-0.0-0.2	9/1/2010	Chrysene	5.9	mg/kg	
Control point #4-0.0-0.2	9/1/2010	Chrysene	1.9	mg/kg	M
Control point #4-0.0-0.2	9/1/2010	Chrysene	1.9	mg/kg	
Control point #4-0.0-0.2	9/1/2010	Chrysene	1.3	mg/kg	
SE009141200JPN1	9/14/2010	Chrysene	1.3	mg/kg	
Control point #4-0.0-0.2	9/1/2010	Chrysene	0.75	mg/kg	
Control point #4-0.0-0.2	9/1/2010	Chrysene	0.72	mg/kg	
SE009141200JPN1	9/14/2010	Chrysene	0.56	mg/kg	
Control point #4-0.0-0.2	9/1/2010	Chrysene	0.39	mg/kg	
SE009141200JPN1	9/14/2010	Chrysene	0.37	mg/kg	
Control point #4-0.0-0.2	9/1/2010	Chrysene	0.25	mg/kg	
Control point #4-0.0-0.2	9/1/2010	Chrysene	0.13	mg/kg	J
Control point #4-0.0-0.2	9/1/2010	Chrysene	0.13	mg/kg	J
SE009141200JPN1	9/14/2010	Chrysene	0.11	mg/kg	J
Control point #4-0.0-0.2	9/1/2010	Chrysene	0.10	mg/kg	J
SE009141200JPN1	9/14/2010	Chrysene	0.08	mg/kg	J
Control point #4-0.2-1.4	9/1/2010	cis-1,2-Dichloroethene	34	ug/kg	U
Control point #4-0.2-1.4	9/1/2010	cis-1,3-Dichloropropene	34	ug/kg	U
Control point #4-0.2-1.4	9/1/2010	Cobalt	5800	ug/kg	
Control point #4-0.2-1.4	9/1/2010	Copper	35000	ug/kg	
Control point #4-0.2-1.4	9/1/2010	Dibenz(a,h)anthracene	99	ug/kg	J
Control point #4-0.2-1.4	9/1/2010	Dibenzofuran	780	ug/kg	U

**TABLE B-1b**  
**Upstream Sediment Samples (Enbridge Samples)**

Sample ID	Sample		Result	Unit	Data
	Date	Analyte			Qualifier
Control point #4-0.2-1.4	9/1/2010	Dibromochloromethane	34	ug/kg	U
Control point #4-1.4-1.6	9/1/2010	Dibromomethane	34	ug/kg	U
Control point #4-1.4-1.6	9/1/2010	Dichlorodifluoromethane	34	ug/kg	U
Control point #4-1.4-1.6	9/1/2010	Diethyl ether	34	ug/kg	U
SE009141200JPN1	9/14/2010	Diethyl phthalate	780	ug/kg	UJ
Control point #4-1.4-1.6	9/1/2010	Dimethyl phthalate	780	ug/kg	UJ
Control point #4-1.4-1.6	9/1/2010	Di-n-butyl phthalate	220	ug/kg	J
SE009141200JPN1	9/14/2010	Di-n-octyl phthalate	780	ug/kg	U
Control point #5-0.0-0.3	9/1/2010	Ethylbenzene	34	ug/kg	U
Control point #5-0.0-0.3	9/1/2010	Fluoranthene	1100	ug/kg	
Control point #5-0.0-0.3	9/1/2010	Fluoranthene	13	mg/kg	
Control point #5-0.0-0.3	9/1/2010	Fluoranthene	5.2	mg/kg	M
SE009141200JPN1	9/14/2010	Fluoranthene	3.9	mg/kg	
SE009141200JPN1	9/14/2010	Fluoranthene	3.4	mg/kg	
SE009141200JPN1	9/14/2010	Fluoranthene	2.7	mg/kg	
Control point #5-0.0-0.3	9/1/2010	Fluoranthene	2.6	mg/kg	
Control point #5-0.0-0.3	9/1/2010	Fluoranthene	2.0	mg/kg	
Control point #5-0.0-0.3	9/1/2010	Fluoranthene	1.6	mg/kg	
SE009141200JPN1	9/14/2010	Fluoranthene	1.6	mg/kg	
Control point #5-0.0-0.3	9/1/2010	Fluoranthene	1.6	mg/kg	
Control point #5-0.0-0.3	9/1/2010	Fluoranthene	0.98	mg/kg	
Control point #5-0.0-0.3	9/1/2010	Fluoranthene	0.44	mg/kg	
Control point #5-0.0-0.3	9/1/2010	Fluoranthene	0.39	mg/kg	
Control point #5-0.0-0.3	9/1/2010	Fluoranthene	0.27	mg/kg	
Control point #5-0.0-0.3	9/1/2010	Fluoranthene	0.21	mg/kg	
Control point #5-0.0-0.3	9/1/2010	Fluoranthene	0.10	mg/kg	J
Control point #5-0.0-0.3	9/1/2010	Fluoranthene	0.08	mg/kg	J
Control point #5-0.0-0.3	9/1/2010	Fluoranthene	0.08	mg/kg	J
SE009141200JPN1	9/14/2010	Fluorene	76	ug/kg	J
Control point #5-0.0-0.3	9/1/2010	Fluorene	0.87	mg/kg	
Control point #5-0.0-0.3	9/1/2010	Fluorene	0.20	mg/kg	J
Control point #5-0.0-0.3	9/1/2010	Fluorene	0.14	mg/kg	J
Control point #5-0.0-0.3	9/1/2010	Fluorene	0.08	mg/kg	J
Control point #5-0.0-0.3	9/1/2010	Hexachlorobenzene	310	ug/kg	U
SE009141200JPN1	9/14/2010	Hexachlorobutadiene	780	ug/kg	U
Control point #5-0.0-0.3	9/1/2010	Hexachlorocyclopentadiene	3100	ug/kg	UJ
Control point #5-0.0-0.3	9/1/2010	Hexachloroethane	780	ug/kg	UJ
Control point #5-0.3-0.8	9/1/2010	Indeno(1,2,3-cd)pyrene	330	ug/kg	
Control point #5-0.3-0.8	9/1/2010	Indeno(1,2,3-cd)pyrene	1.6	mg/kg	
Control point #5-0.3-0.8	9/1/2010	Indeno(1,2,3-cd)pyrene	1.3	mg/kg	
Control point #5-0.3-0.8	9/1/2010	Indeno(1,2,3-cd)pyrene	0.38	mg/kg	
Control point #5-0.3-0.8	9/1/2010	Indeno(1,2,3-cd)pyrene	0.33	mg/kg	
Control point #5-0.3-0.8	9/1/2010	Indeno(1,2,3-cd)pyrene	0.31	mg/kg	
Control point #5-0.3-0.8	9/1/2010	Indeno(1,2,3-cd)pyrene	0.17	mg/kg	J
Control point #5-0.3-0.8	9/1/2010	Indeno(1,2,3-cd)pyrene	0.13	mg/kg	J
Control point #5-0.3-0.8	9/1/2010	Indeno(1,2,3-cd)pyrene	0.11	mg/kg	J
Control point #5-0.0-0.3	9/1/2010	Indeno(1,2,3-cd)pyrene	0.06	mg/kg	J
Control point #5-0.3-0.8	9/1/2010	Iron	26000000	ug/kg	



**TABLE B-1b**  
**Upstream Sediment Samples (Enbridge Samples)**

Sample ID	Sample		Result	Unit	Data
	Date	Analyte			Qualifier
Control point #5-0.3-0.8	9/1/2010	Isophorone	780	ug/kg	U
Control point #5-0.3-0.8	9/1/2010	Isopropylbenzene	34	ug/kg	U
Control point #5-0.3-0.8	9/1/2010	Lead	68000	ug/kg	
Control point #5-0.3-0.8	9/1/2010	m,p-Xylene	67	ug/kg	U
Control point #5-0.3-0.8	9/1/2010	Magnesium	5700000	ug/kg	
Control point #5-0.3-0.8	9/1/2010	Mercury	290	ug/kg	
Control point #5-0.3-0.8	9/1/2010	Mercury	0.14	mg/kg	
SE009141200JPN1	9/14/2010	Mercury	0.04	mg/kg	J
Control point #5-0.3-0.8	9/1/2010	Mercury	0.03	mg/kg	J
Control point #5-0.3-0.8	9/1/2010	Mercury	0.03	mg/kg	J
SE009141200JPN1	9/14/2010	Mercury	0.03	mg/kg	J
Control point #6-0.0-0.1	9/1/2010	Methyl iodide	67	ug/kg	U
Control point #6-0.0-0.1	9/1/2010	Methyl tert-butyl ether	34	ug/kg	U
Control point #6-0.0-0.1	9/1/2010	Methylene Chloride	34	ug/kg	U
Control point #6-0.0-0.1	9/1/2010	Methylene Chloride	0.04	mg/kg	J
SE009141200JPN1	9/14/2010	Methylene Chloride	0.04	mg/kg	J
SE009141200JPN1	9/14/2010	Methylene Chloride	0.04	mg/kg	J
SE009141200JPN1	9/14/2010	Methylene Chloride	0.04	mg/kg	J
SE009141200JPN1	9/14/2010	Methylene Chloride	0.04	mg/kg	J
SE009141200JPN1	9/14/2010	Methylene Chloride	0.04	mg/kg	J
Control point #6-0.0-0.1	9/1/2010	Methylene Chloride	0.03	mg/kg	J
Control point #6-0.0-0.1	9/1/2010	Methylene Chloride	0.03	mg/kg	J
Control point #6-0.0-0.1	9/1/2010	Methylene Chloride	0.03	mg/kg	J
Control point #6-0.0-0.1	9/1/2010	Methylene Chloride	0.03	mg/kg	J
Control point #6-0.0-0.1	9/1/2010	Methylene Chloride	0.03	mg/kg	J
Control point #6-0.0-0.1	9/1/2010	Methylene Chloride	0.03	mg/kg	J
Control point #6-0.0-0.1	9/1/2010	Methylene Chloride	0.03	mg/kg	J
Control point #6-0.0-0.1	9/1/2010	Methylene Chloride	0.03	mg/kg	J
Control point #6-0.0-0.1	9/1/2010	Methylene Chloride	0.03	mg/kg	J
Control point #6-0.0-0.1	9/1/2010	Methylene Chloride	0.03	mg/kg	J
Control point #6-0.0-0.1	9/1/2010	Methylene Chloride	0.03	mg/kg	J
SE009141200JPN1	9/14/2010	Methylene Chloride	0.03	mg/kg	J
SE009141200JPN1	9/14/2010	Methylene Chloride	0.03	mg/kg	J
Control point #6-0.0-0.1	9/1/2010	Methylene Chloride	0.02	mg/kg	J
Control point #6-0.0-0.1	9/1/2010	Methylene Chloride	0.02	mg/kg	J
Control point #6-0.0-0.1	9/1/2010	Molybdenum	1300	ug/kg	J
Control point #6-0.0-0.1	9/1/2010	Naphthalene	120	ug/kg	J
Control point #6-0.0-0.1	9/1/2010	Naphthalene	34	ug/kg	UJ
SE009141200JPN1	9/14/2010	Naphthalene	0.41	mg/kg	
Control point #6-0.0-0.1	9/1/2010	Naphthalene	0.21	mg/kg	J
Control point #6-0.1-0.4	9/1/2010	Nickel	23000	ug/kg	
Control point #6-0.1-0.4	9/1/2010	Nickel	21	mg/kg	
Control point #6-0.1-0.4	9/1/2010	Nickel	16	mg/kg	
Control point #6-0.1-0.4	9/1/2010	Nickel	16	mg/kg	
Control point #6-0.1-0.4	9/1/2010	Nickel	14	mg/kg	
Control point #6-0.1-0.4	9/1/2010	Nickel	12	mg/kg	
Control point #6-0.1-0.4	9/1/2010	Nickel	11	mg/kg	
Control point #6-0.1-0.4	9/1/2010	Nickel	11	mg/kg	

**TABLE B-1b**  
**Upstream Sediment Samples (Enbridge Samples)**

Sample ID	Sample		Result	Unit	Data	
	Date	Analyte			Qualifier	
Control point #6-0.1-0.4	9/1/2010	Nickel	9.2	mg/kg		
Control point #6-0.0-0.1	9/1/2010	Nickel	8.6	mg/kg		
Control point #6-0.0-0.1	9/1/2010	Nickel	8.3	mg/kg		
Control point #6-0.0-0.1	9/1/2010	Nickel	7.6	mg/kg		
SE009141200JPN1	9/14/2010	Nickel	7.5	mg/kg		
Control point #6-0.0-0.1	9/1/2010	Nickel	7.3	mg/kg		
Control point #6-0.0-0.1	9/1/2010	Nickel	7.1	mg/kg		
Control point #6-0.0-0.1	9/1/2010	Nickel	7.0	mg/kg		
Control point #6-0.0-0.1	9/1/2010	Nickel	6.3	mg/kg		
Control point #6-0.0-0.1	9/1/2010	Nickel	6.0	mg/kg		
SE009141200JPN1	9/14/2010	Nickel	6.0	mg/kg		
Control point #6-0.0-0.1	9/1/2010	Nickel	5.6	mg/kg		
Control point #6-0.0-0.1	9/1/2010	Nickel	5.3	mg/kg		
SE009141200JPN1	9/14/2010	Nickel	3.5	mg/kg		
SE009141200JPN1	9/14/2010	Nickel	2.7	mg/kg		
Control point #6-0.1-0.4	9/1/2010	Nitrobenzene	150	ug/kg		U
Control point #6-0.1-0.4	9/1/2010	N-Nitrosodi-n-propylamine	780	ug/kg		U
Control point #6-0.1-0.4	9/1/2010	N-Nitrosodiphenylamine	780	ug/kg		UJ
Control point #6-0.1-0.4	9/1/2010	N-Propylbenzene	34	ug/kg		U
Control point #6-0.1-0.4	9/1/2010	o-Xylene	34	ug/kg		U
SE009141200JPN1	9/14/2010	PCB-1016	76	ug/kg		U
Control point #6-0.1-0.4	9/1/2010	PCB-1221	76	ug/kg		U
Control point #6-0.1-0.4	9/1/2010	PCB-1232	76	ug/kg		U
Control point #6-0.1-0.4	9/1/2010	PCB-1242	76	ug/kg		U
SE009141200JPN1	9/14/2010	PCB-1248	76	ug/kg		U
Control point #6-0.1-0.4	9/1/2010	PCB-1254	63	ug/kg		J
Control point #6-0.1-0.4	9/1/2010	PCB-1260	76	ug/kg		U
SE009141200JPN1	9/14/2010	Pentachlorophenol	3100	ug/kg		U
Control point #6-0.4-1.0	9/1/2010	Phenanthrene	380	ug/kg		
Control point #6-0.4-1.0	9/1/2010	Phenanthrene	8.8	mg/kg		
Control point #6-0.4-1.0	9/1/2010	Phenanthrene	3.4	mg/kg		
Control point #6-0.4-1.0	9/1/2010	Phenanthrene	1.4	mg/kg		M
Control point #6-0.4-1.0	9/1/2010	Phenanthrene	1.1	mg/kg		
Control point #6-0.4-1.0	9/1/2010	Phenanthrene	0.80	mg/kg		
Control point #6-0.4-1.0	9/1/2010	Phenanthrene	0.75	mg/kg		
Control point #6-0.4-1.0	9/1/2010	Phenanthrene	0.72	mg/kg		
Control point #6-0.4-1.0	9/1/2010	Phenanthrene	0.67	mg/kg		
Control point #6-0.4-1.0	9/1/2010	Phenanthrene	0.33	mg/kg		
Control point #6-0.4-1.0	9/1/2010	Phenanthrene	0.29	mg/kg		J
Control point #6-0.4-1.0	9/1/2010	Phenanthrene	0.18	mg/kg		J
Control point #6-0.4-1.0	9/1/2010	Phenanthrene	0.16	mg/kg		J
Control point #6-0.4-1.0	9/1/2010	Phenanthrene	0.16	mg/kg		J
Control point #6-0.4-1.0	9/1/2010	Phenol	780	ug/kg		U
Control point #7-0.0-0.2	9/1/2010	Pyrene	760	ug/kg		
Control point #7-0.0-0.2	9/1/2010	Pyrene	13	mg/kg		
Control point #7-0.0-0.2	9/1/2010	Pyrene	4.5	mg/kg		
Control point #7-0.0-0.2	9/1/2010	Pyrene	3.7	mg/kg		M
Control point #7-0.0-0.2	9/1/2010	Pyrene	3.5	mg/kg		

**TABLE B-1b**  
**Upstream Sediment Samples (Enbridge Samples)**

Sample ID	Sample		Result	Unit	Data	
	Date	Analyte			Qualifier	
Control point #7-0.0-0.2	9/1/2010	Pyrene	2.9	mg/kg		
Control point #7-0.0-0.2	9/1/2010	Pyrene	2.4	mg/kg		
Control point #7-0.0-0.2	9/1/2010	Pyrene	1.9	mg/kg		
Control point #7-0.0-0.2	9/1/2010	Pyrene	1.5	mg/kg		
Control point #7-0.0-0.2	9/1/2010	Pyrene	1.2	mg/kg		
Control point #7-0.0-0.2	9/1/2010	Pyrene	1.1	mg/kg		
Control point #7-0.0-0.2	9/1/2010	Pyrene	0.83	mg/kg		
Control point #7-0.0-0.2	9/1/2010	Pyrene	0.57	mg/kg		
Control point #7-0.0-0.2	9/1/2010	Pyrene	0.33	mg/kg		
Control point #7-0.0-0.2	9/1/2010	Pyrene	0.25	mg/kg		
Control point #7-0.0-0.2	9/1/2010	Pyrene	0.18	mg/kg		
Control point #7-0.0-0.2	9/1/2010	Pyrene	0.16	mg/kg		J
Control point #7-0.0-0.2	9/1/2010	Pyrene	0.08	mg/kg		J
Control point #7-0.0-0.2	9/1/2010	Pyrene	0.08	mg/kg		J
SE009141200JPN1	9/14/2010	Pyrene	0.08	mg/kg		J
Control point #7-0.0-0.2	9/1/2010	Selenium	1900	ug/kg		J
Control point #7-0.0-0.2	9/1/2010	Silver	430	ug/kg		J
Control point #7-0.0-0.2	9/1/2010	Styrene	34	ug/kg		UJ
Control point #7-0.0-0.2	9/1/2010	Tetrachloroethene	34	ug/kg		U
Control point #7-0.0-0.2	9/1/2010	Thallium	2300	ug/kg		U
Control point #7-0.2-1.3	9/1/2010	Toluene	34	ug/kg		U
Control point #7-0.2-1.3	9/1/2010	Toluene	5.4	mg/kg		
Control point #7-0.2-1.3	9/1/2010	Toluene	2.5	mg/kg		
Control point #7-0.2-1.3	9/1/2010	Toluene	1.9	mg/kg		
Control point #7-0.2-1.3	9/1/2010	Toluene	1.3	mg/kg		
Control point #7-0.2-1.3	9/1/2010	Toluene	0.79	mg/kg		
Control point #7-0.2-1.3	9/1/2010	Toluene	0.68	mg/kg		
Control point #7-0.2-1.3	9/1/2010	Toluene	0.04	mg/kg		J
Control point #7-0.2-1.3	9/1/2010	Toluene	0.02	mg/kg		J
Control point #7-0.2-1.3	9/1/2010	Toluene	0.01	mg/kg		J
Control point #7-0.2-1.3	9/1/2010	Total PCBs	63	ug/kg		J
Control point #7-0.2-1.3	9/1/2010	TPH (DRO)	190000	ug/kg		J
Control point #7-0.2-1.3	9/1/2010	TPH (GRO)	16000	ug/kg		U
Control point #7-0.2-1.3	9/1/2010	TPH (ORO)	900000	ug/kg		J
SE009141200JPN1	9/14/2010	trans-1,2-Dichloroethene	34	ug/kg		U
Control point #7-0.2-1.3	9/1/2010	trans-1,3-Dichloropropene	34	ug/kg		U
Control point #8-0.0-0.2	9/1/2010	trans-1,4-Dichloro-2-butene	67	ug/kg		U
Control point #8-0.0-0.2	9/1/2010	Trichloroethene	34	ug/kg		U
Control point #8-0.0-0.2	9/1/2010	Trichlorofluoromethane	34	ug/kg		U
Control point #8-0.2-0.7	9/1/2010	Vanadium	12000	ug/kg		
Control point #8-0.2-0.7	9/1/2010	Vanadium	34	mg/kg		
Control point #8-0.2-0.7	9/1/2010	Vanadium	16	mg/kg		
Control point #8-0.2-0.7	9/1/2010	Vanadium	14	mg/kg		
Control point #8-0.2-0.7	9/1/2010	Vanadium	11	mg/kg		
Control point #8-0.2-0.7	9/1/2010	Vanadium	11	mg/kg		
Control point #8-0.0-0.2	9/1/2010	Vanadium	8.9	mg/kg		
Control point #8-0.0-0.2	9/1/2010	Vanadium	8.0	mg/kg		
Control point #8-0.0-0.2	9/1/2010	Vanadium	7.9	mg/kg		

**TABLE B-1b**  
**Upstream Sediment Samples (Enbridge Samples)**

Sample ID	Sample		Result	Unit	Data	
	Date	Analyte			Qualifier	
SE009141200JPN1	9/14/2010	Vanadium	7.7	mg/kg		
Control point #8-0.0-0.2	9/1/2010	Vanadium	6.9	mg/kg		
Control point #8-0.0-0.2	9/1/2010	Vanadium	6.7	mg/kg		
Control point #8-0.0-0.2	9/1/2010	Vanadium	6.5	mg/kg		
Control point #8-0.0-0.2	9/1/2010	Vanadium	6.3	mg/kg		
Control point #8-0.0-0.2	9/1/2010	Vanadium	6.2	mg/kg		
SE009141200JPN1	9/14/2010	Vanadium	6.1	mg/kg		
Control point #8-0.0-0.2	9/1/2010	Vanadium	6.0	mg/kg		
Control point #8-0.0-0.2	9/1/2010	Vanadium	5.8	mg/kg		
SE009141200JPN1	9/14/2010	Vanadium	5.8	mg/kg		
SE009141200JPN1	9/14/2010	Vanadium	5.3	mg/kg		
Control point #8-0.0-0.2	9/1/2010	Vanadium	5.1	mg/kg		
Control point #8-0.0-0.2	9/1/2010	Vanadium	4.7	mg/kg		
SE009141200JPN1	9/14/2010	Vanadium	2.5	mg/kg		
Control point #8-0.2-0.7	9/1/2010	Vinyl acetate	34	ug/kg		U
Control point #8-0.2-0.7	9/1/2010	Vinyl chloride	34	ug/kg		U
Control point #8-0.2-0.7	9/1/2010	Xylenes (total)	67	ug/kg		U
Control point #8-0.2-0.7	9/1/2010	Zinc	480000	ug/kg		

J = Estimated concentration

U = Analyte not detected

PREPARED BY/DATE: LSV 05/07/14

CHECKED BY/DATE: LMS 5/21/14

**TABLE B-2a**  
**Summary Statistics for Morrow Lake Reference Sediment Samples**

Analyte	Number of Detects	Number of Samples	Frequency of Detects	Minimum Detected Concentration		Maximum Detected Concentration		KM Mean
<b><u>Metals/Inorganics (mg/kg)</u></b>								
Antimony	104	251	41%	0.14	J	3.21	J	0.601
Arsenic	251	251	100%	1.3	J	26	J	11.79
Barium	251	251	100%	11	J	290		161.5
Beryllium	242	251	96%	0.0523	J	1.1		0.389
Cadmium	246	251	98%	0.02	J	4		1.608
Chromium	251	251	100%	2.7	J	450		84.89
Cobalt	251	251	100%	0.76	J	10.1		5.406
Copper	250	251	100%	1.1		230		40.01
Iron	251	251	100%	3100		42000		24563
Lead	251	251	100%	1.7	J	180		51.61
Magnesium	251	251	100%	490		16000	J	4930
Mercury	233	251	93%	0.011	J	1.5		0.246
Molybdenum	126	251	50%	0.072	J	2.6	J	0.658
Nickel	266	266	100%	1.5	J	117		22.96
Selenium	196	251	78%	0.14	J	2.9	B	0.988
Silver	212	251	84%	0.049	J	4.3		0.813
Thallium	24	251	10%	0.4	J	3.22	J	0.637
Vanadium	266	266	100%	2.9		22	J	12.43
Zinc	251	251	100%	7.7	J	600	J	209.5
<b><u>Semi-Volatile Organic Compounds (SVOCs) (ug/kg)</u></b>								
1,1'-Biphenyl	0	69	0%	--		--		--
1,2,4-Trichlorobenzene	0	586	0%	--		--		--
1,2-Dichlorobenzene	0	586	0%	--		--		--
1,3-Dichlorobenzene	0	586	0%	--		--		--
1,4-Dichlorobenzene	4	590	1%	10	J	30	J	3.393
2,4,5-Trichlorophenol	0	315	0%	--		--		--
2,4,6-Trichlorophenol	0	315	0%	--		--		--
2,4-Dichlorophenol	0	315	0%	--		--		--
2,4-Dimethylphenol	0	314	0%	--		--		--
2,4-Dinitrophenol	1	315	0.3%	1400	J	1400	J	534
2,4-Dinitrotoluene	0	315	0%	--		--		--
2,6-Dinitrotoluene	0	315	0%	--		--		--

**TABLE B-2a**  
**Summary Statistics for Morrow Lake Reference Sediment Samples**

Analyte	Number of Detects	Number of Samples	Frequency of Detects	Minimum Detected Concentration		Maximum Detected Concentration		KM Mean
2-Chloronaphthalene	0	315	0%	--		--		--
2-Chlorophenol	0	315	0%	--		--		--
2-Methylnaphthalene	29	586	5%	11	J	610		10.76
2-Methylphenol	1	315	0%	29	J	29	J	29
2-Nitroaniline	1	315	0.3%	230	J	230	J	121.7
2-Nitrophenol	0	315	0%	--		--		--
3,3'-Dichlorobenzidine	0	288	0%	--		--		--
3-Methylphenol & 4-Methylphenol	4	251	2%	51	J	140	J	110.3
3-Nitroaniline	0	305	0%	--		--		--
4,6-Dinitro-2-methylphenol	0	268	0%	--		--		--
4-Bromophenyl phenyl ether	0	315	0%	--		--		--
4-Chloro-3-methylphenol	0	315	0%	--		--		--
4-Chloroaniline	0	315	0%	--		--		--
4-Chlorophenyl phenyl ether	0	315	0%	--		--		--
4-Nitroaniline	0	305	0%	--		--		--
4-Nitrophenol	0	313	0%	--		--		--
Acenaphthene	87	315	28%	12	J	120		36.14
Acenaphthylene	202	315	64%	11	J	280		54.69
Anthracene	245	315	78%	7.2	J	350		78.33
Benzaldehyde	42	69	61%	26	J	170	J	81.07
Benzo(a)anthracene	289	315	92%	10	J	2500		454.9
Benzo(a)pyrene	294	315	93%	9.9	J	2500		584.2
Benzo(b)fluoranthene	295	315	94%	11	J	3000		824.7
Benzo(g,h,i)perylene	287	315	91%	13	J	1700		457.8
Benzo(k)fluoranthene	288	315	91%	11	J	2600		405.2
bis(2-chloroethoxy)methane	0	315	0%	--		--		--
bis(2-chloroethyl)ether	1	315	0.3%	100	J	100	J	68.29
bis(2-chloroisopropyl)ether	0	315	0%	--		--		--
bis(2-ethylhexyl)phthalate	131	315	42%	22	J	3500		280.8
Butyl benzyl phthalate	5	315	2%	110	J	240		--
Caprolactam	0	69	0%	--		--		--
Carbazole	6	287	2%	36	J	180	J	112
Carbon disulfide	6	319	2%	1.9	J	40	J	2.497
Carbon tetrachloride	0	318	0%	--		--		--

**TABLE B-2a**  
**Summary Statistics for Morrow Lake Reference Sediment Samples**

Analyte	Number of Detects	Number of Samples	Frequency of Detects	Minimum Detected Concentration		Maximum Detected Concentration		KM Mean
Chlorobenzene	0	318	0%	--		--		--
Chrysene	288	315	91%	14	J	2300		594.5
Dibenzo(a,h)anthracene	258	315	82%	7.2	J	490		131.4
Dibenzofuran	16	315	5%	11	J	68	J	20.69
Diethyl phthalate	1	315	0.3%	43	J	43	J	43
Dimethyl phthalate	5	315	2%	13	J	18	J	15.8
Di-n-butyl phthalate	94	315	30%	27	J	970	J	141.5
Di-n-octyl phthalate	2	315	1%	220		900		124.2
Fluoranthene	301	315	96%	11	J	3600	J	1012
Fluorene	193	315	61%	11	J	170		46.75
Hexachlorobenzene	0	315	0%	--		--		--
Hexachlorobutadiene	0	315	0%	--		--		--
Hexachlorocyclopentadiene	0	313	0%	--		--		--
Hexachloroethane	0	332	0%	--		--		--
Indeno(1,2,3-cd)pyrene	288	315	91%	11	J	1600		406.9
Isophorone	0	315	0%	--		--		--
Isopropylbenzene	0	251	0%	--		--		--
Naphthalene	141	583	24%	8.6	J	110		16.42
Nitrobenzene	0	315	0%	--		--		--
N-Nitrosodi-n-propylamine	0	268	0%	--		--		--
N-Nitrosodiphenylamine	0	315	0%	--		--		--
Pentachlorophenol	1	315	0.3%	300	J	300	J	300
Phenanthrene	284	315	90%	14	J	1300		311.6
Phenol	2	315	1%	10	J	73	J	41.5
Pyrene	293	315	93%	15	J	4000		896.8
TPH (DRO)	234	251	93%	1700	J	540000	J	153715
TPH (GRO)	2	251	1%	12000		14000	J	1653
TPH (ORO)	251	251	100%	8900		5000000	J	1072031
<b><u>Volatile Organic Compounds (VOCs) (ug/kg)</u></b>								
1,1,2,2-Tetrachloroethane	0	318	0%	--		--		--
1,1,2-Trichloro-1,2,2-trifluoroethane	0	22	0%	--		--		--
1,1,2-Trichloroethane	0	318	0%	--		--		--
1,1,2-Trichlorotrifluoroethane	0	229	0%	--		--		--
1,1-Dichloroethane	0	318	0%	--		--		--

**TABLE B-2a**  
**Summary Statistics for Morrow Lake Reference Sediment Samples**

Analyte	Number of Detects	Number of Samples	Frequency of Detects	Minimum Detected Concentration		Maximum Detected Concentration		KM Mean
1,1-Dichloroethene	0	318	0%	--		--		--
1,2,3-Trichloropropane	1	268	0.4%	1.9	J	1.9	J	1.9
1,2,4-Trimethylbenzene	1	268	0.4%	2.9	J	2.9	J	2.85
1,2-Dibromo-3-Chloropropane	0	318	0%	--		--		--
1,2-Dibromoethane	0	318	0%	--		--		--
1,2-Dichloroethane	1	318	0%	1.6	J	1.6	J	1.6
1,2-Dichloropropane	0	318	0%	--		--		--
1,3,5-Trimethylbenzene	1	268	0.4%	0.88	J	0.88	J	0.88
2-Butanone	86	255	34%	2.4	J	220		21.03
2-Hexanone	0	301	0%	--		--		--
4-Methyl-2-pentanone	0	318	0%	--		--		--
Acetone	173	373	46%	3.2	J	9700	J	216.5
Benzene	0	318	0%	--		--		--
Bromochloromethane	0	318	0%	--		--		--
Bromodichloromethane	0	318	0%	--		--		--
Bromoform	0	318	0%	--		--		--
Bromomethane	0	318	0%	--		--		--
Chloroethane	0	318	0%	--		--		--
Chloroform	4	318	1%	96	J	180	J	4.902
Chloromethane	1	318	0.3%	300	J	300	J	3.926
cis-1,2-Dichloroethene	0	318	0%	--		--		--
cis-1,3-Dichloropropene	0	318	0%	--		--		--
Dibromochloromethane	0	318	0%	--		--		--
Dibromomethane	0	268	0%	--		--		--
Dichlorodifluoromethane	0	251	0%	--		--		--
Diethyl ether	0	246	0%	--		--		--
Ethyl ether	0	22	0%	--		--		--
Ethylbenzene	1	318	0.3%	0.91	J	0.91	J	0.91
m,p-Xylene	1	251	0.4%	3.7	J	3.7	J	3.7
Methyl iodide	0	268	0%	--		--		--
Methyl tert-butyl ether	0	318	0%	--		--		--
Methylene Chloride	64	373	17%	10	WJ	420	J	17.59
N-Propylbenzene	0	268	0%	--		--		--
o-Xylene	1	318	0.3%	1.5	J	1.5	J	1.5
Styrene	1	318	0.3%	0.8	J	0.8	J	0.8



**TABLE B-2a**  
**Summary Statistics for Morrow Lake Reference Sediment Samples**

Analyte	Number of Detects	Number of Samples	Frequency of Detects	Minimum Detected Concentration		Maximum Detected Concentration		KM Mean
Tetrachloroethene	0	318	0%	--		--		--
Toluene	84	393	21%	0.41	J	15000		420.9
trans-1,2-Dichloroethene	0	318	0%	--		--		--
trans-1,3-Dichloropropene	0	318	0%	--		--		--
trans-1,4-Dichloro-2-butene	0	268	0%	--		--		--
Trichloroethene	0	318	0%	--		--		--
Trichlorofluoromethane	0	251	0%	--		--		--
Vinyl acetate	0	268	0%	--		--		--
Vinyl chloride	0	318	0%	--		--		--
Xylenes (total)	4	268	1%	5.2	J	220	J	7.082

**Notes:**

mg/kg = milligrams per kilogram

ug/kg = microgram per kilogram

J = Value is estimated

W = Post-digestion spike for furnace analysis is out of control limits, while sample absorbance is <50% of spike absorbance.

-- = Cannot calculate for zero detects

KM = Kaplan Meier

PREPARED BY/DATE: LSV 05/07/14

CHECKED BY/DATE: NSR 05/14/14

**TABLE B-2b**  
**Upstream Sediment Samples (Morrow Lake)**

Sample ID	Sample Date	Analyte	Result	Unit	Data Qualifier
SEE10211035JDF1	10/21/2010	1,1,1,2-Tetrachloroethane	930	ug/Kg	U
SEE10191515JDF1	10/19/2010	1,1,1,2-Tetrachloroethane	850	ug/Kg	U
SEE10191005JDF1	10/19/2010	1,1,1,2-Tetrachloroethane	820	ug/Kg	U
SEE10211430JDF1	10/21/2010	1,1,1,2-Tetrachloroethane	810	ug/Kg	U
SEE10221110JDF1	10/22/2010	1,1,1,2-Tetrachloroethane	790	ug/Kg	U
SEE10221110JDF1	10/22/2010	1,1,1,2-Tetrachloroethane	790	ug/Kg	U
SEE10191415JDF1	10/19/2010	1,1,1,2-Tetrachloroethane	760	ug/Kg	U
SEE10191155JDF1	10/19/2010	1,1,1,2-Tetrachloroethane	730	ug/Kg	U
SEE10211010JWP1	10/21/2010	1,1,1,2-Tetrachloroethane	710	ug/Kg	U
SEE10191100JDF1	10/19/2010	1,1,1,2-Tetrachloroethane	710	ug/Kg	U
SEE10221055DWS1	10/22/2010	1,1,1,2-Tetrachloroethane	680	ug/Kg	U
SEE10191010JWP1	10/19/2010	1,1,1,2-Tetrachloroethane	680	ug/Kg	U
SEE10221450DWS1	10/22/2010	1,1,1,2-Tetrachloroethane	370	ug/Kg	U
SEE10211345JWP1	10/21/2010	1,1,1,2-Tetrachloroethane	330	ug/Kg	U
SEE10141015JDF1	10/14/2010	1,1,1,2-Tetrachloroethane	280	ug/Kg	U
SEF10221050MAE3	10/22/2010	1,1,1,2-Tetrachloroethane	230	ug/Kg	U
SEF10191135NAC3	10/19/2010	1,1,1,2-Tetrachloroethane	220	ug/Kg	U
SEE10191115JWP1	10/19/2010	1,1,1,2-Tetrachloroethane	200	ug/Kg	U
SEE09200945PML1	9/20/2010	1,1,1,2-Tetrachloroethane	60	ug/Kg	U
SEE09200945PML1	9/20/2010	1,1,1,2-Tetrachloroethane	60	ug/Kg	U
SEE09201115RCM1	9/20/2010	1,1,1,2-Tetrachloroethane	58	ug/Kg	U
SEE09201645ARM1	9/20/2010	1,1,1,2-Tetrachloroethane	48	ug/Kg	U
SEE10071042RCM1	10/7/2010	1,1,1,2-Tetrachloroethane	45	ug/Kg	U
SEE09061500PML1	9/6/2010	1,1,1,2-Tetrachloroethane	45	ug/Kg	U
SEE08281607TWH1	8/28/2010	1,1,1,2-Tetrachloroethane	44	ug/kg	U
SEE09301105JDF1	9/30/2010	1,1,1,2-Tetrachloroethane	42	ug/Kg	U
SEE09181705PML1	9/18/2010	1,1,1,2-Tetrachloroethane	42	ug/Kg	U
SEE09021400PML1	9/2/2010	1,1,1,2-Tetrachloroethane	41	ug/Kg	U
SEE08301130PML1	8/30/2010	1,1,1,2-Tetrachloroethane	41	ug/Kg	U
SEE10091401PML1	10/9/2010	1,1,1,2-Tetrachloroethane	40	ug/Kg	U
SEE10181035JDF1	10/18/2010	1,1,1,2-Tetrachloroethane	39	ug/Kg	U
SEE10051125PML1	10/5/2010	1,1,1,2-Tetrachloroethane	39	ug/Kg	U
SEE08311045PML1	8/31/2010	1,1,1,2-Tetrachloroethane	39	ug/Kg	U
SEE10141555ARM1	10/14/2010	1,1,1,2-Tetrachloroethane	38	ug/Kg	U
SEE09101215PML1	9/10/2010	1,1,1,2-Tetrachloroethane	38	ug/Kg	U
SEE10161530JDF1	10/16/2010	1,1,1,2-Tetrachloroethane	37	ug/Kg	U
SEE10081115PML1	10/8/2010	1,1,1,2-Tetrachloroethane	37	ug/Kg	U
SEE09030925PML1	9/3/2010	1,1,1,2-Tetrachloroethane	37	ug/Kg	U
SEE09031115JAW1	9/3/2010	1,1,1,2-Tetrachloroethane	37	ug/Kg	U
SEE08281505PML1	8/28/2010	1,1,1,2-Tetrachloroethane	37	ug/kg	U
SEE10171410JDF1	10/17/2010	1,1,1,2-Tetrachloroethane	36	ug/Kg	U
SEE09191530PML1	9/19/2010	1,1,1,2-Tetrachloroethane	36	ug/Kg	U
SEE09181235PML1	9/18/2010	1,1,1,2-Tetrachloroethane	36	ug/Kg	U
SEE09141135PML1	9/14/2010	1,1,1,2-Tetrachloroethane	36	ug/Kg	U
SEE09101022PML1	9/10/2010	1,1,1,2-Tetrachloroethane	36	ug/Kg	U
SEE10171115JDF1	10/17/2010	1,1,1,2-Tetrachloroethane	35	ug/Kg	U
SEE08311420PML1	8/31/2010	1,1,1,2-Tetrachloroethane	35	ug/Kg	U
SEE08311420PML1	8/31/2010	1,1,1,2-Tetrachloroethane	35	ug/Kg	U
SEE08271215PML1	8/27/2010	1,1,1,2-Tetrachloroethane	35	ug/kg	U
SEE10041530JDF1	10/4/2010	1,1,1,2-Tetrachloroethane	34	ug/Kg	U
SEE09121105RCM1	9/12/2010	1,1,1,2-Tetrachloroethane	34	ug/Kg	U
SEE09011545PML1	9/1/2010	1,1,1,2-Tetrachloroethane	34	ug/Kg	U
SEE08301550PML1	8/30/2010	1,1,1,2-Tetrachloroethane	34	ug/Kg	U
SEE10181210JDF1	10/18/2010	1,1,1,2-Tetrachloroethane	33	ug/Kg	U
SEE10181430JWP1	10/18/2010	1,1,1,2-Tetrachloroethane	33	ug/Kg	U
SEE10181510JDF1	10/18/2010	1,1,1,2-Tetrachloroethane	33	ug/Kg	U
SEE10181510JDF1	10/18/2010	1,1,1,2-Tetrachloroethane	33	ug/Kg	U
SEE10131150JDF1	10/13/2010	1,1,1,2-Tetrachloroethane	33	ug/Kg	U
SEE10101010PML1	10/10/2010	1,1,1,2-Tetrachloroethane	33	ug/Kg	U
SEE10101215PML1	10/10/2010	1,1,1,2-Tetrachloroethane	33	ug/Kg	U

**TABLE B-2b**  
**Upstream Sediment Samples (Morrow Lake)**

Sample ID	Sample Date	Analyte	Result	Unit	Data Qualifier
SEE10101215PML1	10/10/2010	1,1,1,2-Tetrachloroethane	33	ug/Kg	U
SEE09140945PML1	9/14/2010	1,1,1,2-Tetrachloroethane	33	ug/Kg	U
SEE09061525MHS1	9/6/2010	1,1,1,2-Tetrachloroethane	33	ug/Kg	U
SEE09051130PML1	9/5/2010	1,1,1,2-Tetrachloroethane	33	ug/Kg	U
SEE09031100PML1	9/3/2010	1,1,1,2-Tetrachloroethane	33	ug/Kg	U
SEE09021010PML1	9/2/2010	1,1,1,2-Tetrachloroethane	33	ug/Kg	U
SEE08281630RCM1	8/28/2010	1,1,1,2-Tetrachloroethane	33	ug/kg	U
SEE10031115JDF1	10/3/2010	1,1,1,2-Tetrachloroethane	32	ug/Kg	U
SEE10031115JDF1	10/3/2010	1,1,1,2-Tetrachloroethane	32	ug/Kg	U
SEE09301205RCM1	9/30/2010	1,1,1,2-Tetrachloroethane	32	ug/Kg	U
SEE09301255JDF1	9/30/2010	1,1,1,2-Tetrachloroethane	32	ug/Kg	U
SEE09231645JDF1	9/23/2010	1,1,1,2-Tetrachloroethane	32	ug/Kg	U
SEE09141515PML1	9/14/2010	1,1,1,2-Tetrachloroethane	32	ug/Kg	U
SEE09101625PML1	9/10/2010	1,1,1,2-Tetrachloroethane	32	ug/Kg	U
SEE09091005RCM1	9/9/2010	1,1,1,2-Tetrachloroethane	32	ug/Kg	U
SEE09061105PML1	9/6/2010	1,1,1,2-Tetrachloroethane	32	ug/Kg	U
SEE09031650PML1	9/3/2010	1,1,1,2-Tetrachloroethane	32	ug/Kg	U
SEE09031650PML1	9/3/2010	1,1,1,2-Tetrachloroethane	32	ug/Kg	U
SEE10081231PML1	10/8/2010	1,1,1,2-Tetrachloroethane	31	ug/Kg	U
SEE09231210JDF1	9/23/2010	1,1,1,2-Tetrachloroethane	31	ug/Kg	U
SEE09161045PML1	9/16/2010	1,1,1,2-Tetrachloroethane	31	ug/Kg	U
SEE09081205PML1	9/8/2010	1,1,1,2-Tetrachloroethane	31	ug/Kg	U
SEE09071050PML1	9/7/2010	1,1,1,2-Tetrachloroethane	31	ug/Kg	U
SEE08301145MHS1	8/30/2010	1,1,1,2-Tetrachloroethane	31	ug/Kg	U
SEE10161115ARM1	10/16/2010	1,1,1,2-Tetrachloroethane	30	ug/Kg	U
SEE10120930JDF1	10/12/2010	1,1,1,2-Tetrachloroethane	30	ug/Kg	U
SEE10071101PML1	10/7/2010	1,1,1,2-Tetrachloroethane	30	ug/Kg	U
SEE09261625JDF1	9/26/2010	1,1,1,2-Tetrachloroethane	30	ug/Kg	U
SEE09261625JDF1	9/26/2010	1,1,1,2-Tetrachloroethane	30	ug/Kg	U
SEE09131445RCM1	9/13/2010	1,1,1,2-Tetrachloroethane	30	ug/Kg	U
SEE09121055PML1	9/12/2010	1,1,1,2-Tetrachloroethane	30	ug/Kg	U
SEE09121055PML1	9/12/2010	1,1,1,2-Tetrachloroethane	30	ug/Kg	U
SEE09121436RCM1	9/12/2010	1,1,1,2-Tetrachloroethane	30	ug/Kg	U
SEE09091410RCM1	9/9/2010	1,1,1,2-Tetrachloroethane	30	ug/Kg	U
SEE09011050PML1	9/1/2010	1,1,1,2-Tetrachloroethane	30	ug/Kg	U
SEE10081051RCM1	10/8/2010	1,1,1,2-Tetrachloroethane	29	ug/Kg	U
SEE10061640PML1	10/6/2010	1,1,1,2-Tetrachloroethane	29	ug/Kg	U
SEE10061640PML1	10/6/2010	1,1,1,2-Tetrachloroethane	29	ug/Kg	U
SEE10051653PML1	10/5/2010	1,1,1,2-Tetrachloroethane	29	ug/Kg	U
SEE09261215JDF1	9/26/2010	1,1,1,2-Tetrachloroethane	29	ug/Kg	U
SEE09231130ARM1	9/23/2010	1,1,1,2-Tetrachloroethane	29	ug/Kg	U
SEE09191040PML1	9/19/2010	1,1,1,2-Tetrachloroethane	29	ug/Kg	U
SEE09131026RCM1	9/13/2010	1,1,1,2-Tetrachloroethane	29	ug/Kg	U
SEE09131505PML1	9/13/2010	1,1,1,2-Tetrachloroethane	29	ug/Kg	U
SEE09040950PML1	9/4/2010	1,1,1,2-Tetrachloroethane	29	ug/Kg	U
SEE10011120JDF1	10/1/2010	1,1,1,2-Tetrachloroethane	28	ug/Kg	U
SEE09211155JDF1	9/21/2010	1,1,1,2-Tetrachloroethane	28	ug/Kg	U
SEE09171415PML1	9/17/2010	1,1,1,2-Tetrachloroethane	28	ug/Kg	U
SEE09151145PML1	9/15/2010	1,1,1,2-Tetrachloroethane	28	ug/Kg	U
SEE09151145PML1	9/15/2010	1,1,1,2-Tetrachloroethane	28	ug/Kg	U
SEE09131620PML1	9/13/2010	1,1,1,2-Tetrachloroethane	28	ug/Kg	U
SEE09121450PML1	9/12/2010	1,1,1,2-Tetrachloroethane	28	ug/Kg	U
SEE09091515PML1	9/9/2010	1,1,1,2-Tetrachloroethane	28	ug/Kg	U
SEE09081010PML1	9/8/2010	1,1,1,2-Tetrachloroethane	28	ug/Kg	U
SEE09081020RCM1	9/8/2010	1,1,1,2-Tetrachloroethane	28	ug/Kg	U
SEE09011255PML1	9/1/2010	1,1,1,2-Tetrachloroethane	28	ug/Kg	U
SEE08301015JRP1	8/30/2010	1,1,1,2-Tetrachloroethane	28	ug/Kg	U
SEE08261420RCM1	8/26/2010	1,1,1,2-Tetrachloroethane	28	ug/kg	U
SEE10091614PML1	10/9/2010	1,1,1,2-Tetrachloroethane	27	ug/Kg	U
SEE10061205PML1	10/6/2010	1,1,1,2-Tetrachloroethane	27	ug/Kg	U

**TABLE B-2b**  
**Upstream Sediment Samples (Morrow Lake)**

Sample ID	Sample Date	Analyte	Result	Unit	Data Qualifier
SEE10041150JDF1	10/4/2010	1,1,1,2-Tetrachloroethane	27	ug/Kg	U
SEE09251135JDF1	9/25/2010	1,1,1,2-Tetrachloroethane	27	ug/Kg	U
SEE09221440JDF1	9/22/2010	1,1,1,2-Tetrachloroethane	27	ug/Kg	U
SEE09170839RCM1	9/17/2010	1,1,1,2-Tetrachloroethane	27	ug/Kg	U
SEE09151015PML1	9/15/2010	1,1,1,2-Tetrachloroethane	27	ug/Kg	U
SEE08291110PML1	8/29/2010	1,1,1,2-Tetrachloroethane	27	ug/kg	U
SEE10141150JDF1	10/14/2010	1,1,1,2-Tetrachloroethane	26	ug/Kg	U
SEE10141550JDF1	10/14/2010	1,1,1,2-Tetrachloroethane	26	ug/Kg	U
SEE10121155JDF1	10/12/2010	1,1,1,2-Tetrachloroethane	26	ug/Kg	U
SEE09271130JDF1	9/27/2010	1,1,1,2-Tetrachloroethane	26	ug/Kg	U
SEE09131125PML1	9/13/2010	1,1,1,2-Tetrachloroethane	26	ug/Kg	U
SEE09091010PML1	9/9/2010	1,1,1,2-Tetrachloroethane	26	ug/Kg	U
SEE09091145PML1	9/9/2010	1,1,1,2-Tetrachloroethane	26	ug/Kg	U
SEE09091410PML1	9/9/2010	1,1,1,2-Tetrachloroethane	26	ug/Kg	U
SEE09061130MHS1	9/6/2010	1,1,1,2-Tetrachloroethane	26	ug/Kg	U
SEE09011145PML1	9/1/2010	1,1,1,2-Tetrachloroethane	26	ug/Kg	U
SEE08301638MHS1	8/30/2010	1,1,1,2-Tetrachloroethane	26	ug/Kg	U
SEE10151055ARM1	10/15/2010	1,1,1,2-Tetrachloroethane	25	ug/Kg	U
SEE10121415ARM1	10/12/2010	1,1,1,2-Tetrachloroethane	25	ug/Kg	U
SEE10111125JDF1	10/11/2010	1,1,1,2-Tetrachloroethane	25	ug/Kg	U
SEE10031425JDF1	10/3/2010	1,1,1,2-Tetrachloroethane	25	ug/Kg	U
SEE09291035JDF1	9/29/2010	1,1,1,2-Tetrachloroethane	25	ug/Kg	U
SEE09220935RCM1	9/22/2010	1,1,1,2-Tetrachloroethane	25	ug/Kg	U
SEE09111015PML1	9/11/2010	1,1,1,2-Tetrachloroethane	25	ug/Kg	U
SEE09051015PML1	9/5/2010	1,1,1,2-Tetrachloroethane	25	ug/Kg	U
SEE08301445JRP1	8/30/2010	1,1,1,2-Tetrachloroethane	25	ug/Kg	U
SEE10161415JDF1	10/16/2010	1,1,1,2-Tetrachloroethane	24	ug/Kg	U
SEE10040945JDF1	10/4/2010	1,1,1,2-Tetrachloroethane	24	ug/Kg	U
SEE09230955RCM1	9/23/2010	1,1,1,2-Tetrachloroethane	24	ug/Kg	U
SEE09211530JDF1	9/21/2010	1,1,1,2-Tetrachloroethane	24	ug/Kg	U
SEE09170945PML1	9/17/2010	1,1,1,2-Tetrachloroethane	24	ug/Kg	U
SEE09171125PML1	9/17/2010	1,1,1,2-Tetrachloroethane	24	ug/Kg	U
SEE09130955JRP1	9/13/2010	1,1,1,2-Tetrachloroethane	24	ug/Kg	U
SEE09091605PML1	9/9/2010	1,1,1,2-Tetrachloroethane	24	ug/Kg	U
SEE09041350PML1	9/4/2010	1,1,1,2-Tetrachloroethane	24	ug/Kg	U
SEE10071205PML1	10/7/2010	1,1,1,2-Tetrachloroethane	23	ug/Kg	U
SEE10071540PML1	10/7/2010	1,1,1,2-Tetrachloroethane	23	ug/Kg	U
SEE10041335JDF1	10/4/2010	1,1,1,2-Tetrachloroethane	23	ug/Kg	U
SEE09271025ARM1	9/27/2010	1,1,1,2-Tetrachloroethane	23	ug/Kg	U
SEE09171530PML1	9/17/2010	1,1,1,2-Tetrachloroethane	23	ug/Kg	U
SEE09051430PML1	9/5/2010	1,1,1,2-Tetrachloroethane	23	ug/Kg	U
SEE08271500PML1	8/27/2010	1,1,1,2-Tetrachloroethane	23	ug/kg	U
SEE10150945JDF1	10/15/2010	1,1,1,2-Tetrachloroethane	22	ug/Kg	U
SEE10111011JDF1	10/11/2010	1,1,1,2-Tetrachloroethane	22	ug/Kg	U
SEE10111350JDF1	10/11/2010	1,1,1,2-Tetrachloroethane	22	ug/Kg	U
SEE10061051RCM1	10/6/2010	1,1,1,2-Tetrachloroethane	22	ug/Kg	U
SEE10041355ARM1	10/4/2010	1,1,1,2-Tetrachloroethane	22	ug/Kg	U
SEE09271515JDF1	9/27/2010	1,1,1,2-Tetrachloroethane	22	ug/Kg	U
SEE09221105JDF1	9/22/2010	1,1,1,2-Tetrachloroethane	22	ug/Kg	U
SEE09130940PML1	9/13/2010	1,1,1,2-Tetrachloroethane	22	ug/Kg	U
SEE08281215PML1	8/28/2010	1,1,1,2-Tetrachloroethane	22	ug/kg	U
SEE10121030JDF1	10/12/2010	1,1,1,2-Tetrachloroethane	21	ug/Kg	U
SEE09290925JDF1	9/29/2010	1,1,1,2-Tetrachloroethane	21	ug/Kg	U
SEE09091025JRP1	9/9/2010	1,1,1,2-Tetrachloroethane	21	ug/Kg	U
SEE09011635PML1	9/1/2010	1,1,1,2-Tetrachloroethane	21	ug/Kg	U
SEE08301520JRP1	8/30/2010	1,1,1,2-Tetrachloroethane	21	ug/Kg	U
SEE08281420TWH1	8/28/2010	1,1,1,2-Tetrachloroethane	21	ug/kg	U
SEE08261445JRP1	8/26/2010	1,1,1,2-Tetrachloroethane	21	ug/Kg	U
SEE10161055JDF1	10/16/2010	1,1,1,2-Tetrachloroethane	20	ug/Kg	U

**TABLE B-2b**  
**Upstream Sediment Samples (Morrow Lake)**

Sample ID	Sample Date	Analyte	Result	Unit	Data Qualifier
SEE10151355ARM1	10/15/2010	1,1,1,2-Tetrachloroethane	20	ug/Kg	U
SEE10071415ARM1	10/7/2010	1,1,1,2-Tetrachloroethane	20	ug/Kg	U
SEE09031140MHS1	9/3/2010	1,1,1,2-Tetrachloroethane	20	ug/Kg	U
SEE08291421KAP1	8/29/2010	1,1,1,2-Tetrachloroethane	20	ug/kg	U
SEE08271145RCM1	8/27/2010	1,1,1,2-Tetrachloroethane	20	ug/kg	U
SEE10041050JDF1	10/4/2010	1,1,1,2-Tetrachloroethane	19	ug/Kg	U
SEE09301255MAE1	9/30/2010	1,1,1,2-Tetrachloroethane	19	ug/Kg	U
SEE09291645JDF1	9/29/2010	1,1,1,2-Tetrachloroethane	19	ug/Kg	U
SEE09051550MHS1	9/5/2010	1,1,1,2-Tetrachloroethane	19	ug/Kg	U
SEE09031645MHS1	9/3/2010	1,1,1,2-Tetrachloroethane	19	ug/Kg	U
SEE10041138RCM1	10/4/2010	1,1,1,2-Tetrachloroethane	18	ug/Kg	U
SEE09221615JDF1	9/22/2010	1,1,1,2-Tetrachloroethane	18	ug/Kg	U
SEE09191445RCM1	9/19/2010	1,1,1,2-Tetrachloroethane	18	ug/Kg	U
SEE08311010JRP1	8/31/2010	1,1,1,2-Tetrachloroethane	18	ug/Kg	U
SEE09250905RCM1	9/25/2010	1,1,1,2-Tetrachloroethane	17	ug/Kg	U
SEE09200911RCM1	9/20/2010	1,1,1,2-Tetrachloroethane	17	ug/Kg	U
SEE09090900JRP1	9/9/2010	1,1,1,2-Tetrachloroethane	17	ug/Kg	U
SEE09011545MHS1	9/1/2010	1,1,1,2-Tetrachloroethane	17	ug/Kg	U
SEE08281510TWH1	8/28/2010	1,1,1,2-Tetrachloroethane	17	ug/kg	U
SEE10170915JDF1	10/17/2010	1,1,1,2-Tetrachloroethane	16	ug/Kg	U
SEE09291135JDF1	9/29/2010	1,1,1,2-Tetrachloroethane	16	ug/Kg	U
SEE09260930RCM1	9/26/2010	1,1,1,2-Tetrachloroethane	16	ug/Kg	U
SEE09201110ARM1	9/20/2010	1,1,1,2-Tetrachloroethane	15	ug/Kg	U
SEE08301530JAW1	8/30/2010	1,1,1,2-Tetrachloroethane	15	ug/Kg	U
SEE08291550KAP1	8/29/2010	1,1,1,2-Tetrachloroethane	15	ug/kg	U
SEE10071151RCM1	10/7/2010	1,1,1,2-Tetrachloroethane	14	ug/Kg	U
SEE09211112RCM1	9/21/2010	1,1,1,2-Tetrachloroethane	14	ug/Kg	U
SEE08311348MHS1	8/31/2010	1,1,1,2-Tetrachloroethane	14	ug/Kg	U
SEE08300920JRP1	8/30/2010	1,1,1,2-Tetrachloroethane	14	ug/Kg	U
SEE08261620RCM1	8/26/2010	1,1,1,2-Tetrachloroethane	14	ug/kg	U
SEE10141025ARM1	10/14/2010	1,1,1,2-Tetrachloroethane	12	ug/Kg	U
SEE09130915JRP1	9/13/2010	1,1,1,2-Tetrachloroethane	12	ug/Kg	U
SEE10091200ARM1	10/9/2010	1,1,1,2-Tetrachloroethane	11	ug/Kg	U
SEE09291023RCM1	9/29/2010	1,1,1,2-Tetrachloroethane	11	ug/Kg	U
SEE09171445RCM1	9/17/2010	1,1,1,2-Tetrachloroethane	11	ug/Kg	U
SEE09161035RCM1	9/16/2010	1,1,1,2-Tetrachloroethane	11	ug/Kg	U
SEE09141312RCM1	9/14/2010	1,1,1,2-Tetrachloroethane	10	ug/Kg	U
SEE08291445PML1	8/29/2010	1,1,1,2-Tetrachloroethane	10	ug/kg	U
SEE08291354KAP1	8/29/2010	1,1,1,2-Tetrachloroethane	9.3	ug/kg	U
SEE10051415ARM1	10/5/2010	1,1,1,2-Tetrachloroethane	8.7	ug/Kg	U
SEE09061610JAW1	9/6/2010	1,1,1,2-Tetrachloroethane	8.5	ug/Kg	U
SEE10011125ARM1	10/1/2010	1,1,1,2-Tetrachloroethane	8.2	ug/Kg	U
SEE08261700JRP1	8/26/2010	1,1,1,2-Tetrachloroethane	8.2	ug/Kg	U
SEE09051500MHS1	9/5/2010	1,1,1,2-Tetrachloroethane	8.0	ug/Kg	U
SEE10171535ARM1	10/17/2010	1,1,1,2-Tetrachloroethane	7.9	ug/Kg	U
SEE09231035ARM1	9/23/2010	1,1,1,2-Tetrachloroethane	7.9	ug/Kg	U
SEE09171200ARM1	9/17/2010	1,1,1,2-Tetrachloroethane	7.9	ug/Kg	U
SEE08271614TWH1	8/27/2010	1,1,1,2-Tetrachloroethane	7.8	ug/kg	U
SEE10081035ARM1	10/8/2010	1,1,1,2-Tetrachloroethane	7.6	ug/Kg	U
SEE08271652TWH1	8/27/2010	1,1,1,2-Tetrachloroethane	7.6	ug/kg	U
SEE09100945RCM1	9/10/2010	1,1,1,2-Tetrachloroethane	7.5	ug/Kg	U
SEE09211120ARM1	9/21/2010	1,1,1,2-Tetrachloroethane	7.4	ug/Kg	U
SEB09011143JLS1	9/1/2010	1,1,1,2-Tetrachloroethane	7.1	ug/Kg	U
SEE08301410JRP1	8/30/2010	1,1,1,2-Tetrachloroethane	7.0	ug/Kg	U
SEE09281445RCM1	9/28/2010	1,1,1,2-Tetrachloroethane	6.5	ug/Kg	U
SEE08271536TWH1	8/27/2010	1,1,1,2-Tetrachloroethane	6.3	ug/kg	U
SEE09271500ARM1	9/27/2010	1,1,1,2-Tetrachloroethane	6.2	ug/Kg	U
SEE09170935RCM1	9/17/2010	1,1,1,2-Tetrachloroethane	6.1	ug/Kg	U
SEF10011045TDF1	10/1/2010	1,1,1,2-Tetrachloroethane	6.0	ug/Kg	U
SEE09150915JRP1	9/15/2010	1,1,1,2-Tetrachloroethane	6.0	ug/Kg	U

**TABLE B-2b**  
**Upstream Sediment Samples (Morrow Lake)**

Sample ID	Sample Date	Analyte	Result	Unit	Data Qualifier
SEE10011043RCM1	10/1/2010	1,1,1,2-Tetrachloroethane	5.8	ug/Kg	U
SEE09290915MAE1	9/29/2010	1,1,1,2-Tetrachloroethane	5.8	ug/Kg	U
SEE10131035ARM1	10/13/2010	1,1,1,2-Tetrachloroethane	5.5	ug/Kg	U
SEE10071045ARM1	10/7/2010	1,1,1,2-Tetrachloroethane	5.5	ug/Kg	U
SEE10041045ARM1	10/4/2010	1,1,1,2-Tetrachloroethane	5.5	ug/Kg	U
SEF10151030PMB3	10/15/2010	1,1,1,2-Tetrachloroethane	5.4	ug/Kg	U
SEF10081108TDF3	10/8/2010	1,1,1,2-Tetrachloroethane	5.4	ug/Kg	U
SEE09251235ARM1	9/25/2010	1,1,1,2-Tetrachloroethane	5.4	ug/Kg	U
SEE08281540JRP1	8/28/2010	1,1,1,2-Tetrachloroethane	5.4	ug/kg	U
SEF10051206TDF3	10/5/2010	1,1,1,2-Tetrachloroethane	5.3	ug/Kg	U
SEE09140945JRP1	9/14/2010	1,1,1,2-Tetrachloroethane	5.3	ug/Kg	U
SEE09080930JRP1	9/8/2010	1,1,1,2-Tetrachloroethane	5.3	ug/Kg	U
SEE09011515JAW1	9/1/2010	1,1,1,2-Tetrachloroethane	5.3	ug/Kg	U
SEE08301100JRP1	8/30/2010	1,1,1,2-Tetrachloroethane	5.3	ug/Kg	U
SEE10121040ARM1	10/12/2010	1,1,1,2-Tetrachloroethane	5.2	ug/Kg	U
SEF10121130PMB3	10/12/2010	1,1,1,2-Tetrachloroethane	5.2	ug/Kg	U
SEE09221045ARM1	9/22/2010	1,1,1,2-Tetrachloroethane	5.2	ug/Kg	U
SEE09100920JRP1	9/10/2010	1,1,1,2-Tetrachloroethane	5.1	ug/Kg	U
SEB08281400JLS1	8/28/2010	1,1,1,2-Tetrachloroethane	5.1	ug/kg	U
SEE09301025MAE1	9/30/2010	1,1,1,2-Tetrachloroethane	5.0	ug/Kg	U
SEE09051500JAW1	9/5/2010	1,1,1,2-Tetrachloroethane	5.0	ug/Kg	U
SEE10051145RCM1	10/5/2010	1,1,1,2-Tetrachloroethane	4.9	ug/Kg	U
SEE09070930JRP1	9/7/2010	1,1,1,2-Tetrachloroethane	4.9	ug/Kg	U
SEE10061135ARM1	10/6/2010	1,1,1,2-Tetrachloroethane	4.8	ug/Kg	U
SEE10181030JWP1	10/18/2010	1,1,1,2-Tetrachloroethane	4.6	ug/Kg	U
SEF09281139TDF1	9/28/2010	1,1,1,2-Tetrachloroethane	4.3	ug/Kg	U
SEE09231205RCM1	9/23/2010	1,1,1,2-Tetrachloroethane	3.3	ug/Kg	U
SEE08271445JRP1	8/27/2010	1,1,1,2-Tetrachloroethane	2.8	ug/kg	U
SEE10211035JDF1	10/21/2010	1,1,1-Trichloroethane	620	ug/Kg	U
SEE10191515JDF1	10/19/2010	1,1,1-Trichloroethane	560	ug/Kg	U
SEE10211430JDF1	10/21/2010	1,1,1-Trichloroethane	540	ug/Kg	U
SEE10191005JDF1	10/19/2010	1,1,1-Trichloroethane	540	ug/Kg	U
SEE10221110JDF1	10/22/2010	1,1,1-Trichloroethane	530	ug/Kg	U
SEE10221110JDF1	10/22/2010	1,1,1-Trichloroethane	530	ug/Kg	U
SEE10191415JDF1	10/19/2010	1,1,1-Trichloroethane	510	ug/Kg	U
SEE10191155JDF1	10/19/2010	1,1,1-Trichloroethane	490	ug/Kg	U
SEE10211010JWP1	10/21/2010	1,1,1-Trichloroethane	470	ug/Kg	U
SEE10191100JDF1	10/19/2010	1,1,1-Trichloroethane	470	ug/Kg	U
SEE10221055DWS1	10/22/2010	1,1,1-Trichloroethane	450	ug/Kg	U
SEE10191010JWP1	10/19/2010	1,1,1-Trichloroethane	450	ug/Kg	U
SEE10221450DWS1	10/22/2010	1,1,1-Trichloroethane	240	ug/Kg	U
SEE10211345JWP1	10/21/2010	1,1,1-Trichloroethane	220	ug/Kg	U
SEF10221050MAE3	10/22/2010	1,1,1-Trichloroethane	150	ug/Kg	U
SEF10191135NAC3	10/19/2010	1,1,1-Trichloroethane	150	ug/Kg	U
SEE10141015JDF1	10/14/2010	1,1,1-Trichloroethane	140	ug/Kg	U
SEE10191115JWP1	10/19/2010	1,1,1-Trichloroethane	130	ug/Kg	U
SEE09200945PML1	9/20/2010	1,1,1-Trichloroethane	60	ug/Kg	U
SEE09200945PML1	9/20/2010	1,1,1-Trichloroethane	60	ug/Kg	U
SEE09201115RCM1	9/20/2010	1,1,1-Trichloroethane	58	ug/Kg	U
SEE09201645ARM1	9/20/2010	1,1,1-Trichloroethane	48	ug/Kg	U
SEE10071042RCM1	10/7/2010	1,1,1-Trichloroethane	45	ug/Kg	U
SEE09061500PML1	9/6/2010	1,1,1-Trichloroethane	45	ug/Kg	U
SEE08281607TWH1	8/28/2010	1,1,1-Trichloroethane	44	ug/kg	U
SEE09301105JDF1	9/30/2010	1,1,1-Trichloroethane	42	ug/Kg	U
SEE09181705PML1	9/18/2010	1,1,1-Trichloroethane	42	ug/Kg	U
SEE09021400PML1	9/2/2010	1,1,1-Trichloroethane	41	ug/Kg	U
SEE08301130PML1	8/30/2010	1,1,1-Trichloroethane	41	ug/Kg	U
SEE10091401PML1	10/9/2010	1,1,1-Trichloroethane	40	ug/Kg	U
SEE10181035JDF1	10/18/2010	1,1,1-Trichloroethane	39	ug/Kg	U
SEE10051125PML1	10/5/2010	1,1,1-Trichloroethane	39	ug/Kg	U

**TABLE B-2b**  
**Upstream Sediment Samples (Morrow Lake)**

Sample ID	Sample Date	Analyte	Result	Unit	Data Qualifier
SEE08311045PML1	8/31/2010	1,1,1-Trichloroethane	39	ug/Kg	U
SEE10141555ARM1	10/14/2010	1,1,1-Trichloroethane	38	ug/Kg	U
SEE09101215PML1	9/10/2010	1,1,1-Trichloroethane	38	ug/Kg	U
SEE10161530JDF1	10/16/2010	1,1,1-Trichloroethane	37	ug/Kg	U
SEE10081115PML1	10/8/2010	1,1,1-Trichloroethane	37	ug/Kg	U
SEE09030925PML1	9/3/2010	1,1,1-Trichloroethane	37	ug/Kg	U
SEE09031115JAW1	9/3/2010	1,1,1-Trichloroethane	37	ug/Kg	U
SEE08281505PML1	8/28/2010	1,1,1-Trichloroethane	37	ug/kg	U
SEE10171410JDF1	10/17/2010	1,1,1-Trichloroethane	36	ug/Kg	U
SEE09191530PML1	9/19/2010	1,1,1-Trichloroethane	36	ug/Kg	U
SEE09181235PML1	9/18/2010	1,1,1-Trichloroethane	36	ug/Kg	U
SEE09141135PML1	9/14/2010	1,1,1-Trichloroethane	36	ug/Kg	U
SEE09101022PML1	9/10/2010	1,1,1-Trichloroethane	36	ug/Kg	U
SEE10171115JDF1	10/17/2010	1,1,1-Trichloroethane	35	ug/Kg	U
SEE08311420PML1	8/31/2010	1,1,1-Trichloroethane	35	ug/Kg	U
SEE08311420PML1	8/31/2010	1,1,1-Trichloroethane	35	ug/Kg	U
SEE08271215PML1	8/27/2010	1,1,1-Trichloroethane	35	ug/kg	U
SEE10041530JDF1	10/4/2010	1,1,1-Trichloroethane	34	ug/Kg	U
SEE09121105RCM1	9/12/2010	1,1,1-Trichloroethane	34	ug/Kg	U
SEE09011545PML1	9/1/2010	1,1,1-Trichloroethane	34	ug/Kg	U
SEE08301550PML1	8/30/2010	1,1,1-Trichloroethane	34	ug/Kg	U
SEE10181210JDF1	10/18/2010	1,1,1-Trichloroethane	33	ug/Kg	U
SEE10181430JWP1	10/18/2010	1,1,1-Trichloroethane	33	ug/Kg	U
SEE10181510JDF1	10/18/2010	1,1,1-Trichloroethane	33	ug/Kg	U
SEE10181510JDF1	10/18/2010	1,1,1-Trichloroethane	33	ug/Kg	U
SEE10131150JDF1	10/13/2010	1,1,1-Trichloroethane	33	ug/Kg	U
SEE10101010PML1	10/10/2010	1,1,1-Trichloroethane	33	ug/Kg	U
SEE10101215PML1	10/10/2010	1,1,1-Trichloroethane	33	ug/Kg	U
SEE10101215PML1	10/10/2010	1,1,1-Trichloroethane	33	ug/Kg	U
SEE09140945PML1	9/14/2010	1,1,1-Trichloroethane	33	ug/Kg	U
SEE09061525MHS1	9/6/2010	1,1,1-Trichloroethane	33	ug/Kg	U
SEE09051130PML1	9/5/2010	1,1,1-Trichloroethane	33	ug/Kg	U
SEE09031100PML1	9/3/2010	1,1,1-Trichloroethane	33	ug/Kg	U
SEE09021010PML1	9/2/2010	1,1,1-Trichloroethane	33	ug/Kg	U
SEE08281630RCM1	8/28/2010	1,1,1-Trichloroethane	33	ug/kg	U
SEE10031115JDF1	10/3/2010	1,1,1-Trichloroethane	32	ug/Kg	U
SEE10031115JDF1	10/3/2010	1,1,1-Trichloroethane	32	ug/Kg	U
SEE09301205RCM1	9/30/2010	1,1,1-Trichloroethane	32	ug/Kg	U
SEE09301255JDF1	9/30/2010	1,1,1-Trichloroethane	32	ug/Kg	U
SEE09231645JDF1	9/23/2010	1,1,1-Trichloroethane	32	ug/Kg	U
SEE09141515PML1	9/14/2010	1,1,1-Trichloroethane	32	ug/Kg	U
SEE09101625PML1	9/10/2010	1,1,1-Trichloroethane	32	ug/Kg	U
SEE09091005RCM1	9/9/2010	1,1,1-Trichloroethane	32	ug/Kg	U
SEE09061105PML1	9/6/2010	1,1,1-Trichloroethane	32	ug/Kg	U
SEE09031650PML1	9/3/2010	1,1,1-Trichloroethane	32	ug/Kg	U
SEE09031650PML1	9/3/2010	1,1,1-Trichloroethane	32	ug/Kg	U
SEE10081231PML1	10/8/2010	1,1,1-Trichloroethane	31	ug/Kg	U
SEE09231210JDF1	9/23/2010	1,1,1-Trichloroethane	31	ug/Kg	U
SEE09161045PML1	9/16/2010	1,1,1-Trichloroethane	31	ug/Kg	U
SEE09081205PML1	9/8/2010	1,1,1-Trichloroethane	31	ug/Kg	U
SEE09071050PML1	9/7/2010	1,1,1-Trichloroethane	31	ug/Kg	U
SEE08301145MHS1	8/30/2010	1,1,1-Trichloroethane	31	ug/Kg	U
SEE10161115ARM1	10/16/2010	1,1,1-Trichloroethane	30	ug/Kg	U
SEE10120930JDF1	10/12/2010	1,1,1-Trichloroethane	30	ug/Kg	U
SEE10071101PML1	10/7/2010	1,1,1-Trichloroethane	30	ug/Kg	U
SEE09261625JDF1	9/26/2010	1,1,1-Trichloroethane	30	ug/Kg	U
SEE09261625JDF1	9/26/2010	1,1,1-Trichloroethane	30	ug/Kg	U
SEE09131445RCM1	9/13/2010	1,1,1-Trichloroethane	30	ug/Kg	U
SEE09121055PML1	9/12/2010	1,1,1-Trichloroethane	30	ug/Kg	U
SEE09121055PML1	9/12/2010	1,1,1-Trichloroethane	30	ug/Kg	U

**TABLE B-2b**  
**Upstream Sediment Samples (Morrow Lake)**

Sample ID	Sample Date	Analyte	Result	Unit	Data Qualifier
SEE09121436RCM1	9/12/2010	1,1,1-Trichloroethane	30	ug/Kg	U
SEE09091410RCM1	9/9/2010	1,1,1-Trichloroethane	30	ug/Kg	U
SEE09011050PML1	9/1/2010	1,1,1-Trichloroethane	30	ug/Kg	U
SEE10081051RCM1	10/8/2010	1,1,1-Trichloroethane	29	ug/Kg	U
SEE10061640PML1	10/6/2010	1,1,1-Trichloroethane	29	ug/Kg	U
SEE10061640PML1	10/6/2010	1,1,1-Trichloroethane	29	ug/Kg	U
SEE10051653PML1	10/5/2010	1,1,1-Trichloroethane	29	ug/Kg	U
SEE09261215JDF1	9/26/2010	1,1,1-Trichloroethane	29	ug/Kg	U
SEE09231130ARM1	9/23/2010	1,1,1-Trichloroethane	29	ug/Kg	U
SEE09191040PML1	9/19/2010	1,1,1-Trichloroethane	29	ug/Kg	U
SEE09131026RCM1	9/13/2010	1,1,1-Trichloroethane	29	ug/Kg	U
SEE09131505PML1	9/13/2010	1,1,1-Trichloroethane	29	ug/Kg	U
SEE09040950PML1	9/4/2010	1,1,1-Trichloroethane	29	ug/Kg	U
SEE10011120JDF1	10/1/2010	1,1,1-Trichloroethane	28	ug/Kg	U
SEE09211155JDF1	9/21/2010	1,1,1-Trichloroethane	28	ug/Kg	U
SEE09171415PML1	9/17/2010	1,1,1-Trichloroethane	28	ug/Kg	U
SEE09151145PML1	9/15/2010	1,1,1-Trichloroethane	28	ug/Kg	U
SEE09151145PML1	9/15/2010	1,1,1-Trichloroethane	28	ug/Kg	U
SEE09131620PML1	9/13/2010	1,1,1-Trichloroethane	28	ug/Kg	U
SEE09121450PML1	9/12/2010	1,1,1-Trichloroethane	28	ug/Kg	U
SEE09091515PML1	9/9/2010	1,1,1-Trichloroethane	28	ug/Kg	U
SEE09081010PML1	9/8/2010	1,1,1-Trichloroethane	28	ug/Kg	U
SEE09081020RCM1	9/8/2010	1,1,1-Trichloroethane	28	ug/Kg	U
SEE09011255PML1	9/1/2010	1,1,1-Trichloroethane	28	ug/Kg	U
SEE08301015JRP1	8/30/2010	1,1,1-Trichloroethane	28	ug/Kg	U
SEE08261420RCM1	8/26/2010	1,1,1-Trichloroethane	28	ug/kg	U
SEE10091614PML1	10/9/2010	1,1,1-Trichloroethane	27	ug/Kg	U
SEE10061205PML1	10/6/2010	1,1,1-Trichloroethane	27	ug/Kg	U
SEE10041150JDF1	10/4/2010	1,1,1-Trichloroethane	27	ug/Kg	U
SEE09251135JDF1	9/25/2010	1,1,1-Trichloroethane	27	ug/Kg	U
SEE09221440JDF1	9/22/2010	1,1,1-Trichloroethane	27	ug/Kg	U
SEE09170839RCM1	9/17/2010	1,1,1-Trichloroethane	27	ug/Kg	U
SEE09151015PML1	9/15/2010	1,1,1-Trichloroethane	27	ug/Kg	U
SEE08291110PML1	8/29/2010	1,1,1-Trichloroethane	27	ug/kg	U
SEE10141150JDF1	10/14/2010	1,1,1-Trichloroethane	26	ug/Kg	U
SEE10141550JDF1	10/14/2010	1,1,1-Trichloroethane	26	ug/Kg	U
SEE10141550JDF1	10/14/2010	1,1,1-Trichloroethane	26	ug/Kg	U
SEE10121155JDF1	10/12/2010	1,1,1-Trichloroethane	26	ug/Kg	U
SEE09271130JDF1	9/27/2010	1,1,1-Trichloroethane	26	ug/Kg	U
SEE09131125PML1	9/13/2010	1,1,1-Trichloroethane	26	ug/Kg	U
SEE09091010PML1	9/9/2010	1,1,1-Trichloroethane	26	ug/Kg	U
SEE09091145PML1	9/9/2010	1,1,1-Trichloroethane	26	ug/Kg	U
SEE09091410PML1	9/9/2010	1,1,1-Trichloroethane	26	ug/Kg	U
SEE09061130MHS1	9/6/2010	1,1,1-Trichloroethane	26	ug/Kg	U
SEE09011145PML1	9/1/2010	1,1,1-Trichloroethane	26	ug/Kg	U
SEE08301638MHS1	8/30/2010	1,1,1-Trichloroethane	26	ug/Kg	U
SEE10151055ARM1	10/15/2010	1,1,1-Trichloroethane	25	ug/Kg	U
SEE10121415ARM1	10/12/2010	1,1,1-Trichloroethane	25	ug/Kg	U
SEE10111125JDF1	10/11/2010	1,1,1-Trichloroethane	25	ug/Kg	U
SEE10031425JDF1	10/3/2010	1,1,1-Trichloroethane	25	ug/Kg	U
SEE09291035JDF1	9/29/2010	1,1,1-Trichloroethane	25	ug/Kg	U
SEE09220935RCM1	9/22/2010	1,1,1-Trichloroethane	25	ug/Kg	U
SEE09111015PML1	9/11/2010	1,1,1-Trichloroethane	25	ug/Kg	U
SEE09051015PML1	9/5/2010	1,1,1-Trichloroethane	25	ug/Kg	U
SEE08301445JRP1	8/30/2010	1,1,1-Trichloroethane	25	ug/Kg	U
SEE10161415JDF1	10/16/2010	1,1,1-Trichloroethane	24	ug/Kg	U
SEE10040945JDF1	10/4/2010	1,1,1-Trichloroethane	24	ug/Kg	U
SEE09230955RCM1	9/23/2010	1,1,1-Trichloroethane	24	ug/Kg	U
SEE09211530JDF1	9/21/2010	1,1,1-Trichloroethane	24	ug/Kg	U
SEE09170945PML1	9/17/2010	1,1,1-Trichloroethane	24	ug/Kg	U



**TABLE B-2b**  
**Upstream Sediment Samples (Morrow Lake)**

Sample ID	Sample Date	Analyte	Result	Unit	Data Qualifier
SEE09171125PML1	9/17/2010	1,1,1-Trichloroethane	24	ug/Kg	U
SEE09130955JRP1	9/13/2010	1,1,1-Trichloroethane	24	ug/Kg	U
SEE09091605PML1	9/9/2010	1,1,1-Trichloroethane	24	ug/Kg	U
SEE09041350PML1	9/4/2010	1,1,1-Trichloroethane	24	ug/Kg	U
SEE10071205PML1	10/7/2010	1,1,1-Trichloroethane	23	ug/Kg	U
SEE10071540PML1	10/7/2010	1,1,1-Trichloroethane	23	ug/Kg	U
SEE10041335JDF1	10/4/2010	1,1,1-Trichloroethane	23	ug/Kg	U
SEE09271025ARM1	9/27/2010	1,1,1-Trichloroethane	23	ug/Kg	U
SEE09171530PML1	9/17/2010	1,1,1-Trichloroethane	23	ug/Kg	U
SEE09051430PML1	9/5/2010	1,1,1-Trichloroethane	23	ug/Kg	U
SEE08271500PML1	8/27/2010	1,1,1-Trichloroethane	23	ug/kg	U
SEE10150945JDF1	10/15/2010	1,1,1-Trichloroethane	22	ug/Kg	U
SEE10111011JDF1	10/11/2010	1,1,1-Trichloroethane	22	ug/Kg	U
SEE10111350JDF1	10/11/2010	1,1,1-Trichloroethane	22	ug/Kg	U
SEE10061051RCM1	10/6/2010	1,1,1-Trichloroethane	22	ug/Kg	U
SEE10041355ARM1	10/4/2010	1,1,1-Trichloroethane	22	ug/Kg	U
SEE09271515JDF1	9/27/2010	1,1,1-Trichloroethane	22	ug/Kg	U
SEE09221105JDF1	9/22/2010	1,1,1-Trichloroethane	22	ug/Kg	U
SEE09130940PML1	9/13/2010	1,1,1-Trichloroethane	22	ug/Kg	U
SEE08281215PML1	8/28/2010	1,1,1-Trichloroethane	22	ug/kg	U
SEE10121030JDF1	10/12/2010	1,1,1-Trichloroethane	21	ug/Kg	U
SEE09290925JDF1	9/29/2010	1,1,1-Trichloroethane	21	ug/Kg	U
SEE09091025JRP1	9/9/2010	1,1,1-Trichloroethane	21	ug/Kg	U
SEE09011635PML1	9/1/2010	1,1,1-Trichloroethane	21	ug/Kg	U
SEE08301520JRP1	8/30/2010	1,1,1-Trichloroethane	21	ug/Kg	U
SEE08281420TWH1	8/28/2010	1,1,1-Trichloroethane	21	ug/kg	U
SEE08261445JRP1	8/26/2010	1,1,1-Trichloroethane	21	ug/Kg	U
SEE10161055JDF1	10/16/2010	1,1,1-Trichloroethane	20	ug/Kg	U
SEE10151355ARM1	10/15/2010	1,1,1-Trichloroethane	20	ug/Kg	U
SEE10071415ARM1	10/7/2010	1,1,1-Trichloroethane	20	ug/Kg	U
SEE09031140MHS1	9/3/2010	1,1,1-Trichloroethane	20	ug/Kg	U
SEE08291421KAP1	8/29/2010	1,1,1-Trichloroethane	20	ug/kg	U
SEE08271145RCM1	8/27/2010	1,1,1-Trichloroethane	20	ug/kg	U
SEE10041050JDF1	10/4/2010	1,1,1-Trichloroethane	19	ug/Kg	U
SEE09301255MAE1	9/30/2010	1,1,1-Trichloroethane	19	ug/Kg	U
SEE09291645JDF1	9/29/2010	1,1,1-Trichloroethane	19	ug/Kg	U
SEE09051550MHS1	9/5/2010	1,1,1-Trichloroethane	19	ug/Kg	U
SEE09031645MHS1	9/3/2010	1,1,1-Trichloroethane	19	ug/Kg	U
SEE10041138RCM1	10/4/2010	1,1,1-Trichloroethane	18	ug/Kg	U
SEE09221615JDF1	9/22/2010	1,1,1-Trichloroethane	18	ug/Kg	U
SEE09191445RCM1	9/19/2010	1,1,1-Trichloroethane	18	ug/Kg	U
SEE08311010JRP1	8/31/2010	1,1,1-Trichloroethane	18	ug/Kg	U
SEE09250905RCM1	9/25/2010	1,1,1-Trichloroethane	17	ug/Kg	U
SEE09200911RCM1	9/20/2010	1,1,1-Trichloroethane	17	ug/Kg	U
SEE09090900JRP1	9/9/2010	1,1,1-Trichloroethane	17	ug/Kg	U
SEE09011545MHS1	9/1/2010	1,1,1-Trichloroethane	17	ug/Kg	U
SEE08281510TWH1	8/28/2010	1,1,1-Trichloroethane	17	ug/kg	U
SEE10170915JDF1	10/17/2010	1,1,1-Trichloroethane	16	ug/Kg	U
SEE09291135JDF1	9/29/2010	1,1,1-Trichloroethane	16	ug/Kg	U
SEE09260930RCM1	9/26/2010	1,1,1-Trichloroethane	16	ug/Kg	U
SEE09201110ARM1	9/20/2010	1,1,1-Trichloroethane	15	ug/Kg	U
SEE08301530JAW1	8/30/2010	1,1,1-Trichloroethane	15	ug/Kg	U
SEE08291550KAP1	8/29/2010	1,1,1-Trichloroethane	15	ug/kg	U
SEE10071151RCM1	10/7/2010	1,1,1-Trichloroethane	14	ug/Kg	U
SEE09211112RCM1	9/21/2010	1,1,1-Trichloroethane	14	ug/Kg	U
SEE08311348MHS1	8/31/2010	1,1,1-Trichloroethane	14	ug/Kg	U
SEE08300920JRP1	8/30/2010	1,1,1-Trichloroethane	14	ug/kg	U
SEE08261620RCM1	8/26/2010	1,1,1-Trichloroethane	14	ug/kg	U
SEE10141025ARM1	10/14/2010	1,1,1-Trichloroethane	12	ug/Kg	U
SEE09130915JRP1	9/13/2010	1,1,1-Trichloroethane	12	ug/Kg	U

**TABLE B-2b**  
**Upstream Sediment Samples (Morrow Lake)**

Sample ID	Sample Date	Analyte	Result	Unit	Data Qualifier
SEE10091200ARM1	10/9/2010	1,1,1-Trichloroethane	11	ug/Kg	U
SEE09291023RCM1	9/29/2010	1,1,1-Trichloroethane	11	ug/Kg	U
SEE09171445RCM1	9/17/2010	1,1,1-Trichloroethane	11	ug/Kg	U
SEE09161035RCM1	9/16/2010	1,1,1-Trichloroethane	11	ug/Kg	U
SEE09141312RCM1	9/14/2010	1,1,1-Trichloroethane	10	ug/Kg	U
SEE08291445PML1	8/29/2010	1,1,1-Trichloroethane	10	ug/kg	U
SEE08291354KAP1	8/29/2010	1,1,1-Trichloroethane	9.3	ug/kg	U
SEE10051415ARM1	10/5/2010	1,1,1-Trichloroethane	8.7	ug/Kg	U
SEE09061610JAW1	9/6/2010	1,1,1-Trichloroethane	8.5	ug/Kg	U
SEE10011125ARM1	10/1/2010	1,1,1-Trichloroethane	8.2	ug/Kg	U
SEE08261700JRP1	8/26/2010	1,1,1-Trichloroethane	8.2	ug/Kg	U
SEE09051500MHS1	9/5/2010	1,1,1-Trichloroethane	8.0	ug/Kg	U
SEE10171535ARM1	10/17/2010	1,1,1-Trichloroethane	7.9	ug/Kg	U
SEE09231035ARM1	9/23/2010	1,1,1-Trichloroethane	7.9	ug/Kg	U
SEE09171200ARM1	9/17/2010	1,1,1-Trichloroethane	7.9	ug/Kg	U
SEE08271614TWH1	8/27/2010	1,1,1-Trichloroethane	7.8	ug/kg	U
SEE10081035ARM1	10/8/2010	1,1,1-Trichloroethane	7.6	ug/Kg	U
SEE08271652TWH1	8/27/2010	1,1,1-Trichloroethane	7.6	ug/kg	U
SEE09100945RCM1	9/10/2010	1,1,1-Trichloroethane	7.5	ug/Kg	U
SEE09211120ARM1	9/21/2010	1,1,1-Trichloroethane	7.4	ug/Kg	U
SEB09011143JLS1	9/1/2010	1,1,1-Trichloroethane	7.1	ug/Kg	U
SEE08301410JRP1	8/30/2010	1,1,1-Trichloroethane	7.0	ug/Kg	U
SEE09281445RCM1	9/28/2010	1,1,1-Trichloroethane	6.5	ug/Kg	U
SEE08271536TWH1	8/27/2010	1,1,1-Trichloroethane	6.3	ug/kg	U
SEE09271500ARM1	9/27/2010	1,1,1-Trichloroethane	6.2	ug/Kg	U
SEE09170935RCM1	9/17/2010	1,1,1-Trichloroethane	6.1	ug/Kg	U
SEF10011045TDF1	10/1/2010	1,1,1-Trichloroethane	6.0	ug/Kg	U
SEE09150915JRP1	9/15/2010	1,1,1-Trichloroethane	6.0	ug/Kg	U
SEE10011043RCM1	10/1/2010	1,1,1-Trichloroethane	5.8	ug/Kg	U
SEE09290915MAE1	9/29/2010	1,1,1-Trichloroethane	5.8	ug/Kg	U
SEE10131035ARM1	10/13/2010	1,1,1-Trichloroethane	5.5	ug/Kg	U
SEE10071045ARM1	10/7/2010	1,1,1-Trichloroethane	5.5	ug/Kg	U
SEE10041045ARM1	10/4/2010	1,1,1-Trichloroethane	5.5	ug/Kg	U
SEF10151030PMB3	10/15/2010	1,1,1-Trichloroethane	5.4	ug/Kg	U
SEF10081108TDF3	10/8/2010	1,1,1-Trichloroethane	5.4	ug/Kg	U
SEE09251235ARM1	9/25/2010	1,1,1-Trichloroethane	5.4	ug/Kg	U
SEE08281540JRP1	8/28/2010	1,1,1-Trichloroethane	5.4	ug/kg	U
SEF10051206TDF3	10/5/2010	1,1,1-Trichloroethane	5.3	ug/Kg	U
SEE09140945JRP1	9/14/2010	1,1,1-Trichloroethane	5.3	ug/Kg	U
SEE09080930JRP1	9/8/2010	1,1,1-Trichloroethane	5.3	ug/Kg	U
SEE09011515JAW1	9/1/2010	1,1,1-Trichloroethane	5.3	ug/Kg	U
SEE08301100JRP1	8/30/2010	1,1,1-Trichloroethane	5.3	ug/Kg	U
SEE10121040ARM1	10/12/2010	1,1,1-Trichloroethane	5.2	ug/Kg	U
SEF10121130PMB3	10/12/2010	1,1,1-Trichloroethane	5.2	ug/Kg	U
SEE09221045ARM1	9/22/2010	1,1,1-Trichloroethane	5.2	ug/Kg	U
SEE09100920JRP1	9/10/2010	1,1,1-Trichloroethane	5.1	ug/Kg	U
SEB08281400JLS1	8/28/2010	1,1,1-Trichloroethane	5.1	ug/kg	U
SEE09301025MAE1	9/30/2010	1,1,1-Trichloroethane	5.0	ug/Kg	U
SEE09051500JAW1	9/5/2010	1,1,1-Trichloroethane	5.0	ug/Kg	U
SEE10051145RCM1	10/5/2010	1,1,1-Trichloroethane	4.9	ug/Kg	U
SEE09070930JRP1	9/7/2010	1,1,1-Trichloroethane	4.9	ug/Kg	U
SEE10061135ARM1	10/6/2010	1,1,1-Trichloroethane	4.8	ug/Kg	U
SEE10181030JWP1	10/18/2010	1,1,1-Trichloroethane	4.6	ug/Kg	U
SEF09281139TDF1	9/28/2010	1,1,1-Trichloroethane	4.3	ug/Kg	U
SEE09231205RCM1	9/23/2010	1,1,1-Trichloroethane	3.3	ug/Kg	U
SEE08271445JRP1	8/27/2010	1,1,1-Trichloroethane	2.8	ug/kg	U
ML-07-S-082510	8/25/2010	1,1,1-Trichloroethane	0.73	mg/Kg	U
ML-03-S-082510	8/25/2010	1,1,1-Trichloroethane	0.43	mg/Kg	U
ML-06-S-082510	8/25/2010	1,1,1-Trichloroethane	0.42	mg/Kg	U
ML-07-S-082410	8/24/2010	1,1,1-Trichloroethane	0.41	mg/Kg	UJ

**TABLE B-2b**  
**Upstream Sediment Samples (Morrow Lake)**

Sample ID	Sample Date	Analyte	Result	Unit	Data Qualifier
ML-06-S-082010	8/20/2010	1,1,1-Trichloroethane	0.38	mg/Kg	U
ML-08-S-082510	8/25/2010	1,1,1-Trichloroethane	0.37	mg/Kg	U
ML-08-S-082410	8/24/2010	1,1,1-Trichloroethane	0.37	mg/Kg	UJ
ML-06-S-082310	8/23/2010	1,1,1-Trichloroethane	0.37	mg/Kg	U
ML-07-S-082110	8/21/2010	1,1,1-Trichloroethane	0.37	mg/Kg	U
ML-08-S-082110	8/21/2010	1,1,1-Trichloroethane	0.37	mg/Kg	U
ML-10-S-082110	8/21/2010	1,1,1-Trichloroethane	0.37	mg/Kg	U
ML-10-S-082110	8/21/2010	1,1,1-Trichloroethane	0.37	mg/Kg	U
ML-10-S-081910	8/19/2010	1,1,1-Trichloroethane	0.37	mg/Kg	U
ML-10-S-081910	8/19/2010	1,1,1-Trichloroethane	0.37	mg/Kg	U
ML-07-S-081810	8/18/2010	1,1,1-Trichloroethane	0.37	mg/Kg	UJ
ML-09-S-081810	8/18/2010	1,1,1-Trichloroethane	0.37	mg/Kg	UJ
ML-10-S-082410	8/24/2010	1,1,1-Trichloroethane	0.36	mg/Kg	UJ
ML-10-S-082410	8/24/2010	1,1,1-Trichloroethane	0.36	mg/Kg	UJ
ML-01-S-081610	8/16/2010	1,1,1-Trichloroethane	0.35	mg/Kg	U
ML-10-S-081610	8/16/2010	1,1,1-Trichloroethane	0.35	mg/Kg	U
ML-10-S-081610	8/16/2010	1,1,1-Trichloroethane	0.35	mg/Kg	U
ML-04-S-082410	8/24/2010	1,1,1-Trichloroethane	0.34	mg/Kg	UJ
ML-03-S-082310	8/23/2010	1,1,1-Trichloroethane	0.34	mg/Kg	U
ML-10-S-082110-D	8/21/2010	1,1,1-Trichloroethane	0.34	mg/Kg	U
ML-10-S-082110-D	8/21/2010	1,1,1-Trichloroethane	0.34	mg/Kg	U
ML-07-S-081610	8/16/2010	1,1,1-Trichloroethane	0.34	mg/Kg	U
ML-08-S-081610-D	8/16/2010	1,1,1-Trichloroethane	0.34	mg/Kg	U
ML-04-S-082610	8/26/2010	1,1,1-Trichloroethane	0.33	mg/Kg	U
ML-05-S-082310	8/23/2010	1,1,1-Trichloroethane	0.33	mg/Kg	U
ML-05-S-082010	8/20/2010	1,1,1-Trichloroethane	0.33	mg/Kg	U
ML-10-S-082610	8/26/2010	1,1,1-Trichloroethane	0.32	mg/Kg	U
ML-10-S-082610	8/26/2010	1,1,1-Trichloroethane	0.32	mg/Kg	U
ML-06-S-081710	8/17/2010	1,1,1-Trichloroethane	0.32	mg/Kg	U
ML-08-S-081610	8/16/2010	1,1,1-Trichloroethane	0.32	mg/Kg	U
ML-01-S-082510	8/25/2010	1,1,1-Trichloroethane	0.31	mg/Kg	U
ML-09-S-082510	8/25/2010	1,1,1-Trichloroethane	0.31	mg/Kg	U
ML-09-S-082410	8/24/2010	1,1,1-Trichloroethane	0.31	mg/Kg	UJ
ML-02-S-081710	8/17/2010	1,1,1-Trichloroethane	0.31	mg/Kg	U
ML-02-S-082510	8/25/2010	1,1,1-Trichloroethane	0.28	mg/Kg	U
ML-09-S-082110	8/21/2010	1,1,1-Trichloroethane	0.28	mg/Kg	U
ML-01-S-082110	8/21/2010	1,1,1-Trichloroethane	0.27	mg/Kg	U
ML-04-S-081710	8/17/2010	1,1,1-Trichloroethane	0.27	mg/Kg	U
ML-05-S-081710	8/17/2010	1,1,1-Trichloroethane	0.27	mg/Kg	U
ML-02-S-082310	8/23/2010	1,1,1-Trichloroethane	0.25	mg/Kg	U
ML-04-S-082010	8/20/2010	1,1,1-Trichloroethane	0.25	mg/Kg	U
ML-01-S-081910	8/19/2010	1,1,1-Trichloroethane	0.25	mg/Kg	U
ML-02-S-082010	8/20/2010	1,1,1-Trichloroethane	0.22	mg/Kg	U
ML-03-S-081610	8/16/2010	1,1,1-Trichloroethane	0.22	mg/Kg	U
ML-03-S-082010	8/20/2010	1,1,1-Trichloroethane	0.19	mg/Kg	U
ML-05-S-082610	8/26/2010	1,1,1-Trichloroethane	0.17	mg/Kg	U
SEE10211035JDF1	10/21/2010	1,1,2,2-Tetrachloroethane	1200	ug/Kg	U
SEE10221110JDF1	10/22/2010	1,1,2,2-Tetrachloroethane	1100	ug/Kg	U
SEE10221110JDF1	10/22/2010	1,1,2,2-Tetrachloroethane	1100	ug/Kg	U
SEE10211430JDF1	10/21/2010	1,1,2,2-Tetrachloroethane	1100	ug/Kg	U
SEE10191005JDF1	10/19/2010	1,1,2,2-Tetrachloroethane	1100	ug/Kg	U
SEE10191515JDF1	10/19/2010	1,1,2,2-Tetrachloroethane	1100	ug/Kg	U
SEE10191415JDF1	10/19/2010	1,1,2,2-Tetrachloroethane	1000	ug/Kg	U
SEE10191155JDF1	10/19/2010	1,1,2,2-Tetrachloroethane	970	ug/Kg	U
SEE10191100JDF1	10/19/2010	1,1,2,2-Tetrachloroethane	950	ug/Kg	U
SEE10211010JWP1	10/21/2010	1,1,2,2-Tetrachloroethane	940	ug/Kg	U
SEE10221055DWS1	10/22/2010	1,1,2,2-Tetrachloroethane	910	ug/Kg	U
SEE10191010JWP1	10/19/2010	1,1,2,2-Tetrachloroethane	900	ug/Kg	U
SEE10221450DWS1	10/22/2010	1,1,2,2-Tetrachloroethane	490	ug/Kg	U
SEE10211345JWP1	10/21/2010	1,1,2,2-Tetrachloroethane	440	ug/Kg	U

**TABLE B-2b**  
**Upstream Sediment Samples (Morrow Lake)**

Sample ID	Sample Date	Analyte	Result	Unit	Data Qualifier
SEF10221050MAE3	10/22/2010	1,1,2,2-Tetrachloroethane	310	ug/Kg	U
SEF10191135NAC3	10/19/2010	1,1,2,2-Tetrachloroethane	300	ug/Kg	U
SEE10191115JWP1	10/19/2010	1,1,2,2-Tetrachloroethane	270	ug/Kg	U
SEE10141015JDF1	10/14/2010	1,1,2,2-Tetrachloroethane	140	ug/Kg	U
SEE09200945PML1	9/20/2010	1,1,2,2-Tetrachloroethane	60	ug/Kg	U
SEE09200945PML1	9/20/2010	1,1,2,2-Tetrachloroethane	60	ug/Kg	U
SEE09201115RCM1	9/20/2010	1,1,2,2-Tetrachloroethane	58	ug/Kg	U
SEE09201645ARM1	9/20/2010	1,1,2,2-Tetrachloroethane	48	ug/Kg	U
SEE10071042RCM1	10/7/2010	1,1,2,2-Tetrachloroethane	45	ug/Kg	U
SEE09061500PML1	9/6/2010	1,1,2,2-Tetrachloroethane	45	ug/Kg	U
SEE08281607TWH1	8/28/2010	1,1,2,2-Tetrachloroethane	44	ug/kg	U
SEE09301105JDF1	9/30/2010	1,1,2,2-Tetrachloroethane	42	ug/Kg	U
SEE09181705PML1	9/18/2010	1,1,2,2-Tetrachloroethane	42	ug/Kg	U
SEE09021400PML1	9/2/2010	1,1,2,2-Tetrachloroethane	41	ug/Kg	U
SEE08301130PML1	8/30/2010	1,1,2,2-Tetrachloroethane	41	ug/Kg	U
SEE10091401PML1	10/9/2010	1,1,2,2-Tetrachloroethane	40	ug/Kg	U
SEE10181035JDF1	10/18/2010	1,1,2,2-Tetrachloroethane	39	ug/Kg	U
SEE10051125PML1	10/5/2010	1,1,2,2-Tetrachloroethane	39	ug/Kg	U
SEE08311045PML1	8/31/2010	1,1,2,2-Tetrachloroethane	39	ug/Kg	U
SEE10141555ARM1	10/14/2010	1,1,2,2-Tetrachloroethane	38	ug/Kg	U
SEE09101215PML1	9/10/2010	1,1,2,2-Tetrachloroethane	38	ug/Kg	U
SEE10161530JDF1	10/16/2010	1,1,2,2-Tetrachloroethane	37	ug/Kg	U
SEE10081115PML1	10/8/2010	1,1,2,2-Tetrachloroethane	37	ug/Kg	U
SEE09030925PML1	9/3/2010	1,1,2,2-Tetrachloroethane	37	ug/Kg	U
SEE09031115JAW1	9/3/2010	1,1,2,2-Tetrachloroethane	37	ug/Kg	U
SEE08281505PML1	8/28/2010	1,1,2,2-Tetrachloroethane	37	ug/kg	UJ
SEE10171410JDF1	10/17/2010	1,1,2,2-Tetrachloroethane	36	ug/Kg	U
SEE09191530PML1	9/19/2010	1,1,2,2-Tetrachloroethane	36	ug/Kg	U
SEE09181235PML1	9/18/2010	1,1,2,2-Tetrachloroethane	36	ug/Kg	U
SEE09141135PML1	9/14/2010	1,1,2,2-Tetrachloroethane	36	ug/Kg	U
SEE09101022PML1	9/10/2010	1,1,2,2-Tetrachloroethane	36	ug/Kg	U
SEE10171115JDF1	10/17/2010	1,1,2,2-Tetrachloroethane	35	ug/Kg	U
SEE08311420PML1	8/31/2010	1,1,2,2-Tetrachloroethane	35	ug/Kg	U
SEE08311420PML1	8/31/2010	1,1,2,2-Tetrachloroethane	35	ug/Kg	U
SEE08271215PML1	8/27/2010	1,1,2,2-Tetrachloroethane	35	ug/kg	U
SEE10041530JDF1	10/4/2010	1,1,2,2-Tetrachloroethane	34	ug/Kg	U
SEE09121105RCM1	9/12/2010	1,1,2,2-Tetrachloroethane	34	ug/Kg	U
SEE09011545PML1	9/1/2010	1,1,2,2-Tetrachloroethane	34	ug/Kg	U
SEE08301550PML1	8/30/2010	1,1,2,2-Tetrachloroethane	34	ug/Kg	U
SEE10181210JDF1	10/18/2010	1,1,2,2-Tetrachloroethane	33	ug/Kg	U
SEE10181430JWP1	10/18/2010	1,1,2,2-Tetrachloroethane	33	ug/Kg	U
SEE10181510JDF1	10/18/2010	1,1,2,2-Tetrachloroethane	33	ug/Kg	U
SEE10181510JDF1	10/18/2010	1,1,2,2-Tetrachloroethane	33	ug/Kg	U
SEE10131150JDF1	10/13/2010	1,1,2,2-Tetrachloroethane	33	ug/Kg	U
SEE10101010PML1	10/10/2010	1,1,2,2-Tetrachloroethane	33	ug/Kg	U
SEE10101215PML1	10/10/2010	1,1,2,2-Tetrachloroethane	33	ug/Kg	U
SEE10101215PML1	10/10/2010	1,1,2,2-Tetrachloroethane	33	ug/Kg	U
SEE09140945PML1	9/14/2010	1,1,2,2-Tetrachloroethane	33	ug/Kg	U
SEE09061525MHS1	9/6/2010	1,1,2,2-Tetrachloroethane	33	ug/Kg	U
SEE09051130PML1	9/5/2010	1,1,2,2-Tetrachloroethane	33	ug/Kg	U
SEE09031100PML1	9/3/2010	1,1,2,2-Tetrachloroethane	33	ug/Kg	U
SEE09021010PML1	9/2/2010	1,1,2,2-Tetrachloroethane	33	ug/Kg	U
SEE08281630RCM1	8/28/2010	1,1,2,2-Tetrachloroethane	33	ug/kg	UJ
SEE10031115JDF1	10/3/2010	1,1,2,2-Tetrachloroethane	32	ug/Kg	U
SEE10031115JDF1	10/3/2010	1,1,2,2-Tetrachloroethane	32	ug/Kg	U
SEE09301205RCM1	9/30/2010	1,1,2,2-Tetrachloroethane	32	ug/Kg	U
SEE09301255JDF1	9/30/2010	1,1,2,2-Tetrachloroethane	32	ug/Kg	U
SEE09231645JDF1	9/23/2010	1,1,2,2-Tetrachloroethane	32	ug/Kg	U
SEE09141515PML1	9/14/2010	1,1,2,2-Tetrachloroethane	32	ug/Kg	U
SEE09101625PML1	9/10/2010	1,1,2,2-Tetrachloroethane	32	ug/Kg	U

**TABLE B-2b**  
**Upstream Sediment Samples (Morrow Lake)**

Sample ID	Sample Date	Analyte	Result	Unit	Data Qualifier
SEE09091005RCM1	9/9/2010	1,1,2,2-Tetrachloroethane	32	ug/Kg	U
SEE09061105PML1	9/6/2010	1,1,2,2-Tetrachloroethane	32	ug/Kg	U
SEE09031650PML1	9/3/2010	1,1,2,2-Tetrachloroethane	32	ug/Kg	U
SEE09031650PML1	9/3/2010	1,1,2,2-Tetrachloroethane	32	ug/Kg	U
SEE10081231PML1	10/8/2010	1,1,2,2-Tetrachloroethane	31	ug/Kg	U
SEE09231210JDF1	9/23/2010	1,1,2,2-Tetrachloroethane	31	ug/Kg	U
SEE09161045PML1	9/16/2010	1,1,2,2-Tetrachloroethane	31	ug/Kg	U
SEE09081205PML1	9/8/2010	1,1,2,2-Tetrachloroethane	31	ug/Kg	U
SEE09071050PML1	9/7/2010	1,1,2,2-Tetrachloroethane	31	ug/Kg	U
SEE08301145MHS1	8/30/2010	1,1,2,2-Tetrachloroethane	31	ug/Kg	U
SEE10161115ARM1	10/16/2010	1,1,2,2-Tetrachloroethane	30	ug/Kg	U
SEE10120930JDF1	10/12/2010	1,1,2,2-Tetrachloroethane	30	ug/Kg	U
SEE10071101PML1	10/7/2010	1,1,2,2-Tetrachloroethane	30	ug/Kg	U
SEE09261625JDF1	9/26/2010	1,1,2,2-Tetrachloroethane	30	ug/Kg	U
SEE09261625JDF1	9/26/2010	1,1,2,2-Tetrachloroethane	30	ug/Kg	U
SEE09131445RCM1	9/13/2010	1,1,2,2-Tetrachloroethane	30	ug/Kg	U
SEE09121055PML1	9/12/2010	1,1,2,2-Tetrachloroethane	30	ug/Kg	U
SEE09121055PML1	9/12/2010	1,1,2,2-Tetrachloroethane	30	ug/Kg	U
SEE09121436RCM1	9/12/2010	1,1,2,2-Tetrachloroethane	30	ug/Kg	U
SEE09091410RCM1	9/9/2010	1,1,2,2-Tetrachloroethane	30	ug/Kg	U
SEE09011050PML1	9/1/2010	1,1,2,2-Tetrachloroethane	30	ug/Kg	U
SEE10081051RCM1	10/8/2010	1,1,2,2-Tetrachloroethane	29	ug/Kg	U
SEE10061640PML1	10/6/2010	1,1,2,2-Tetrachloroethane	29	ug/Kg	U
SEE10061640PML1	10/6/2010	1,1,2,2-Tetrachloroethane	29	ug/Kg	U
SEE10051653PML1	10/5/2010	1,1,2,2-Tetrachloroethane	29	ug/Kg	U
SEE09261215JDF1	9/26/2010	1,1,2,2-Tetrachloroethane	29	ug/Kg	U
SEE09231130ARM1	9/23/2010	1,1,2,2-Tetrachloroethane	29	ug/Kg	U
SEE09191040PML1	9/19/2010	1,1,2,2-Tetrachloroethane	29	ug/Kg	U
SEE09131026RCM1	9/13/2010	1,1,2,2-Tetrachloroethane	29	ug/Kg	U
SEE09131505PML1	9/13/2010	1,1,2,2-Tetrachloroethane	29	ug/Kg	U
SEE09040950PML1	9/4/2010	1,1,2,2-Tetrachloroethane	29	ug/Kg	U
SEE10011120JDF1	10/1/2010	1,1,2,2-Tetrachloroethane	28	ug/Kg	U
SEE09211155JDF1	9/21/2010	1,1,2,2-Tetrachloroethane	28	ug/Kg	U
SEE09171415PML1	9/17/2010	1,1,2,2-Tetrachloroethane	28	ug/Kg	U
SEE09151145PML1	9/15/2010	1,1,2,2-Tetrachloroethane	28	ug/Kg	U
SEE09151145PML1	9/15/2010	1,1,2,2-Tetrachloroethane	28	ug/Kg	U
SEE09131620PML1	9/13/2010	1,1,2,2-Tetrachloroethane	28	ug/Kg	U
SEE09121450PML1	9/12/2010	1,1,2,2-Tetrachloroethane	28	ug/Kg	U
SEE09091515PML1	9/9/2010	1,1,2,2-Tetrachloroethane	28	ug/Kg	U
SEE09081010PML1	9/8/2010	1,1,2,2-Tetrachloroethane	28	ug/Kg	U
SEE09081020RCM1	9/8/2010	1,1,2,2-Tetrachloroethane	28	ug/Kg	U
SEE09011255PML1	9/1/2010	1,1,2,2-Tetrachloroethane	28	ug/Kg	U
SEE08301015JRP1	8/30/2010	1,1,2,2-Tetrachloroethane	28	ug/Kg	U
SEE08261420RCM1	8/26/2010	1,1,2,2-Tetrachloroethane	28	ug/kg	U
SEE10091614PML1	10/9/2010	1,1,2,2-Tetrachloroethane	27	ug/Kg	U
SEE10061205PML1	10/6/2010	1,1,2,2-Tetrachloroethane	27	ug/Kg	U
SEE10041150JDF1	10/4/2010	1,1,2,2-Tetrachloroethane	27	ug/Kg	U
SEE09251135JDF1	9/25/2010	1,1,2,2-Tetrachloroethane	27	ug/Kg	U
SEE09221440JDF1	9/22/2010	1,1,2,2-Tetrachloroethane	27	ug/Kg	U
SEE09170839RCM1	9/17/2010	1,1,2,2-Tetrachloroethane	27	ug/Kg	U
SEE09151015PML1	9/15/2010	1,1,2,2-Tetrachloroethane	27	ug/Kg	U
SEE08291110PML1	8/29/2010	1,1,2,2-Tetrachloroethane	27	ug/kg	U
SEE10141150JDF1	10/14/2010	1,1,2,2-Tetrachloroethane	26	ug/Kg	U
SEE10141550JDF1	10/14/2010	1,1,2,2-Tetrachloroethane	26	ug/Kg	U
SEE10141550JDF1	10/14/2010	1,1,2,2-Tetrachloroethane	26	ug/Kg	U
SEE10121155JDF1	10/12/2010	1,1,2,2-Tetrachloroethane	26	ug/Kg	U
SEE09271130JDF1	9/27/2010	1,1,2,2-Tetrachloroethane	26	ug/Kg	U
SEE09131125PML1	9/13/2010	1,1,2,2-Tetrachloroethane	26	ug/Kg	U
SEE09091010PML1	9/9/2010	1,1,2,2-Tetrachloroethane	26	ug/Kg	U
SEE09091145PML1	9/9/2010	1,1,2,2-Tetrachloroethane	26	ug/Kg	U

**TABLE B-2b**  
**Upstream Sediment Samples (Morrow Lake)**

Sample ID	Sample Date	Analyte	Result	Unit	Data Qualifier
SEE09091410PML1	9/9/2010	1,1,2,2-Tetrachloroethane	26	ug/Kg	U
SEE09061130MHS1	9/6/2010	1,1,2,2-Tetrachloroethane	26	ug/Kg	U
SEE09011145PML1	9/1/2010	1,1,2,2-Tetrachloroethane	26	ug/Kg	U
SEE08301638MHS1	8/30/2010	1,1,2,2-Tetrachloroethane	26	ug/Kg	U
SEE10151055ARM1	10/15/2010	1,1,2,2-Tetrachloroethane	25	ug/Kg	U
SEE10121415ARM1	10/12/2010	1,1,2,2-Tetrachloroethane	25	ug/Kg	U
SEE10111125JDF1	10/11/2010	1,1,2,2-Tetrachloroethane	25	ug/Kg	U
SEE10031425JDF1	10/3/2010	1,1,2,2-Tetrachloroethane	25	ug/Kg	U
SEE09291035JDF1	9/29/2010	1,1,2,2-Tetrachloroethane	25	ug/Kg	U
SEE09220935RCM1	9/22/2010	1,1,2,2-Tetrachloroethane	25	ug/Kg	U
SEE09111015PML1	9/11/2010	1,1,2,2-Tetrachloroethane	25	ug/Kg	U
SEE09051015PML1	9/5/2010	1,1,2,2-Tetrachloroethane	25	ug/Kg	U
SEE08301445JRP1	8/30/2010	1,1,2,2-Tetrachloroethane	25	ug/Kg	U
SEE10161415JDF1	10/16/2010	1,1,2,2-Tetrachloroethane	24	ug/Kg	U
SEE10040945JDF1	10/4/2010	1,1,2,2-Tetrachloroethane	24	ug/Kg	U
SEE09230955RCM1	9/23/2010	1,1,2,2-Tetrachloroethane	24	ug/Kg	U
SEE09211530JDF1	9/21/2010	1,1,2,2-Tetrachloroethane	24	ug/Kg	U
SEE09170945PML1	9/17/2010	1,1,2,2-Tetrachloroethane	24	ug/Kg	U
SEE09171125PML1	9/17/2010	1,1,2,2-Tetrachloroethane	24	ug/Kg	U
SEE09130955JRP1	9/13/2010	1,1,2,2-Tetrachloroethane	24	ug/Kg	U
SEE09091605PML1	9/9/2010	1,1,2,2-Tetrachloroethane	24	ug/Kg	U
SEE09041350PML1	9/4/2010	1,1,2,2-Tetrachloroethane	24	ug/Kg	U
SEE10071205PML1	10/7/2010	1,1,2,2-Tetrachloroethane	23	ug/Kg	U
SEE10071540PML1	10/7/2010	1,1,2,2-Tetrachloroethane	23	ug/Kg	U
SEE10041335JDF1	10/4/2010	1,1,2,2-Tetrachloroethane	23	ug/Kg	U
SEE09271025ARM1	9/27/2010	1,1,2,2-Tetrachloroethane	23	ug/Kg	U
SEE09171530PML1	9/17/2010	1,1,2,2-Tetrachloroethane	23	ug/Kg	U
SEE09051430PML1	9/5/2010	1,1,2,2-Tetrachloroethane	23	ug/Kg	U
SEE08271500PML1	8/27/2010	1,1,2,2-Tetrachloroethane	23	ug/kg	U
SEE10150945JDF1	10/15/2010	1,1,2,2-Tetrachloroethane	22	ug/Kg	U
SEE10111011JDF1	10/11/2010	1,1,2,2-Tetrachloroethane	22	ug/Kg	U
SEE10111350JDF1	10/11/2010	1,1,2,2-Tetrachloroethane	22	ug/Kg	U
SEE10061051RCM1	10/6/2010	1,1,2,2-Tetrachloroethane	22	ug/Kg	U
SEE10041355ARM1	10/4/2010	1,1,2,2-Tetrachloroethane	22	ug/Kg	U
SEE09271515JDF1	9/27/2010	1,1,2,2-Tetrachloroethane	22	ug/Kg	U
SEE09221105JDF1	9/22/2010	1,1,2,2-Tetrachloroethane	22	ug/Kg	U
SEE09130940PML1	9/13/2010	1,1,2,2-Tetrachloroethane	22	ug/Kg	U
SEE08281215PML1	8/28/2010	1,1,2,2-Tetrachloroethane	22	ug/kg	U
SEE10121030JDF1	10/12/2010	1,1,2,2-Tetrachloroethane	21	ug/Kg	U
SEE09290925JDF1	9/29/2010	1,1,2,2-Tetrachloroethane	21	ug/Kg	U
SEE09091025JRP1	9/9/2010	1,1,2,2-Tetrachloroethane	21	ug/Kg	U
SEE09011635PML1	9/1/2010	1,1,2,2-Tetrachloroethane	21	ug/Kg	U
SEE08301520JRP1	8/30/2010	1,1,2,2-Tetrachloroethane	21	ug/Kg	U
SEE08281420TWH1	8/28/2010	1,1,2,2-Tetrachloroethane	21	ug/kg	U
SEE08261445JRP1	8/26/2010	1,1,2,2-Tetrachloroethane	21	ug/Kg	U
SEE10161055JDF1	10/16/2010	1,1,2,2-Tetrachloroethane	20	ug/Kg	U
SEE10151355ARM1	10/15/2010	1,1,2,2-Tetrachloroethane	20	ug/Kg	U
SEE10071415ARM1	10/7/2010	1,1,2,2-Tetrachloroethane	20	ug/Kg	U
SEE09031140MHS1	9/3/2010	1,1,2,2-Tetrachloroethane	20	ug/Kg	U
SEE08291421KAP1	8/29/2010	1,1,2,2-Tetrachloroethane	20	ug/kg	U
SEE08271145RCM1	8/27/2010	1,1,2,2-Tetrachloroethane	20	ug/kg	U
SEE10041050JDF1	10/4/2010	1,1,2,2-Tetrachloroethane	19	ug/Kg	U
SEE09301255MAE1	9/30/2010	1,1,2,2-Tetrachloroethane	19	ug/Kg	U
SEE09291645JDF1	9/29/2010	1,1,2,2-Tetrachloroethane	19	ug/Kg	U
SEE09051550MHS1	9/5/2010	1,1,2,2-Tetrachloroethane	19	ug/Kg	U
SEE09031645MHS1	9/3/2010	1,1,2,2-Tetrachloroethane	19	ug/Kg	U
SEE10041138RCM1	10/4/2010	1,1,2,2-Tetrachloroethane	18	ug/Kg	U
SEE09221615JDF1	9/22/2010	1,1,2,2-Tetrachloroethane	18	ug/Kg	U
SEE09191445RCM1	9/19/2010	1,1,2,2-Tetrachloroethane	18	ug/Kg	U
SEE08311010JRP1	8/31/2010	1,1,2,2-Tetrachloroethane	18	ug/Kg	U

**TABLE B-2b**  
**Upstream Sediment Samples (Morrow Lake)**

Sample ID	Sample Date	Analyte	Result	Unit	Data Qualifier
SEE09250905RCM1	9/25/2010	1,1,2,2-Tetrachloroethane	17	ug/Kg	U
SEE09200911RCM1	9/20/2010	1,1,2,2-Tetrachloroethane	17	ug/Kg	U
SEE09090900JRP1	9/9/2010	1,1,2,2-Tetrachloroethane	17	ug/Kg	U
SEE09011545MHS1	9/1/2010	1,1,2,2-Tetrachloroethane	17	ug/Kg	U
SEE08281510TWH1	8/28/2010	1,1,2,2-Tetrachloroethane	17	ug/kg	U
SEE10170915JDF1	10/17/2010	1,1,2,2-Tetrachloroethane	16	ug/Kg	U
SEE09291135JDF1	9/29/2010	1,1,2,2-Tetrachloroethane	16	ug/Kg	U
SEE09260930RCM1	9/26/2010	1,1,2,2-Tetrachloroethane	16	ug/Kg	U
SEE09201110ARM1	9/20/2010	1,1,2,2-Tetrachloroethane	15	ug/Kg	U
SEE08301530JAW1	8/30/2010	1,1,2,2-Tetrachloroethane	15	ug/Kg	U
SEE08291550KAP1	8/29/2010	1,1,2,2-Tetrachloroethane	15	ug/kg	U
SEE10071151RCM1	10/7/2010	1,1,2,2-Tetrachloroethane	14	ug/Kg	U
SEE09211112RCM1	9/21/2010	1,1,2,2-Tetrachloroethane	14	ug/Kg	U
SEE08311348MHS1	8/31/2010	1,1,2,2-Tetrachloroethane	14	ug/Kg	U
SEE08300920JRP1	8/30/2010	1,1,2,2-Tetrachloroethane	14	ug/Kg	U
SEE08261620RCM1	8/26/2010	1,1,2,2-Tetrachloroethane	14	ug/kg	U
SEE10141025ARM1	10/14/2010	1,1,2,2-Tetrachloroethane	12	ug/Kg	U
SEE09130915JRP1	9/13/2010	1,1,2,2-Tetrachloroethane	12	ug/Kg	U
SEE10091200ARM1	10/9/2010	1,1,2,2-Tetrachloroethane	11	ug/Kg	U
SEE09291023RCM1	9/29/2010	1,1,2,2-Tetrachloroethane	11	ug/Kg	U
SEE09171445RCM1	9/17/2010	1,1,2,2-Tetrachloroethane	11	ug/Kg	U
SEE09161035RCM1	9/16/2010	1,1,2,2-Tetrachloroethane	11	ug/Kg	U
SEE09141312RCM1	9/14/2010	1,1,2,2-Tetrachloroethane	10	ug/Kg	U
SEE08291445PML1	8/29/2010	1,1,2,2-Tetrachloroethane	10	ug/kg	U
SEE08291354KAP1	8/29/2010	1,1,2,2-Tetrachloroethane	9.3	ug/kg	U
SEE10051415ARM1	10/5/2010	1,1,2,2-Tetrachloroethane	8.7	ug/Kg	U
SEE09061610JAW1	9/6/2010	1,1,2,2-Tetrachloroethane	8.5	ug/Kg	U
SEE10011125ARM1	10/1/2010	1,1,2,2-Tetrachloroethane	8.2	ug/Kg	U
SEE08261700JRP1	8/26/2010	1,1,2,2-Tetrachloroethane	8.2	ug/Kg	U
SEE09051500MHS1	9/5/2010	1,1,2,2-Tetrachloroethane	8.0	ug/Kg	U
SEE10171535ARM1	10/17/2010	1,1,2,2-Tetrachloroethane	7.9	ug/Kg	U
SEE09231035ARM1	9/23/2010	1,1,2,2-Tetrachloroethane	7.9	ug/Kg	U
SEE09171200ARM1	9/17/2010	1,1,2,2-Tetrachloroethane	7.9	ug/Kg	U
SEE08271614TWH1	8/27/2010	1,1,2,2-Tetrachloroethane	7.8	ug/kg	U
SEE10081035ARM1	10/8/2010	1,1,2,2-Tetrachloroethane	7.6	ug/Kg	U
SEE08271652TWH1	8/27/2010	1,1,2,2-Tetrachloroethane	7.6	ug/kg	U
SEE09100945RCM1	9/10/2010	1,1,2,2-Tetrachloroethane	7.5	ug/Kg	U
SEE09211120ARM1	9/21/2010	1,1,2,2-Tetrachloroethane	7.4	ug/Kg	U
SEB09011143JLS1	9/1/2010	1,1,2,2-Tetrachloroethane	7.1	ug/Kg	U
SEE08301410JRP1	8/30/2010	1,1,2,2-Tetrachloroethane	7.0	ug/Kg	U
SEE09281445RCM1	9/28/2010	1,1,2,2-Tetrachloroethane	6.5	ug/Kg	U
SEE08271536TWH1	8/27/2010	1,1,2,2-Tetrachloroethane	6.3	ug/kg	U
SEE09271500ARM1	9/27/2010	1,1,2,2-Tetrachloroethane	6.2	ug/Kg	U
SEE09170935RCM1	9/17/2010	1,1,2,2-Tetrachloroethane	6.1	ug/Kg	U
SEF10011045TDF1	10/1/2010	1,1,2,2-Tetrachloroethane	6.0	ug/Kg	U
SEE09150915JRP1	9/15/2010	1,1,2,2-Tetrachloroethane	6.0	ug/Kg	U
SEE10011043RCM1	10/1/2010	1,1,2,2-Tetrachloroethane	5.8	ug/Kg	U
SEE09290915MAE1	9/29/2010	1,1,2,2-Tetrachloroethane	5.8	ug/Kg	U
SEE10131035ARM1	10/13/2010	1,1,2,2-Tetrachloroethane	5.5	ug/Kg	U
SEE10071045ARM1	10/7/2010	1,1,2,2-Tetrachloroethane	5.5	ug/Kg	U
SEE10041045ARM1	10/4/2010	1,1,2,2-Tetrachloroethane	5.5	ug/Kg	U
SEF10151030PMB3	10/15/2010	1,1,2,2-Tetrachloroethane	5.4	ug/Kg	U
SEF10081108TDF3	10/8/2010	1,1,2,2-Tetrachloroethane	5.4	ug/Kg	U
SEE09251235ARM1	9/25/2010	1,1,2,2-Tetrachloroethane	5.4	ug/Kg	U
SEE08281540JRP1	8/28/2010	1,1,2,2-Tetrachloroethane	5.4	ug/kg	U
SEF10051206TDF3	10/5/2010	1,1,2,2-Tetrachloroethane	5.3	ug/Kg	U
SEE09140945JRP1	9/14/2010	1,1,2,2-Tetrachloroethane	5.3	ug/Kg	U
SEE09080930JRP1	9/8/2010	1,1,2,2-Tetrachloroethane	5.3	ug/Kg	U
SEE09011515JAW1	9/1/2010	1,1,2,2-Tetrachloroethane	5.3	ug/Kg	U
SEE08301100JRP1	8/30/2010	1,1,2,2-Tetrachloroethane	5.3	ug/Kg	U

**TABLE B-2b**  
**Upstream Sediment Samples (Morrow Lake)**

Sample ID	Sample Date	Analyte	Result	Unit	Data Qualifier
SEE10121040ARM1	10/12/2010	1,1,2,2-Tetrachloroethane	5.2	ug/Kg	U
SEF10121130PMB3	10/12/2010	1,1,2,2-Tetrachloroethane	5.2	ug/Kg	U
SEE09221045ARM1	9/22/2010	1,1,2,2-Tetrachloroethane	5.2	ug/Kg	U
SEE09100920JRP1	9/10/2010	1,1,2,2-Tetrachloroethane	5.1	ug/Kg	U
SEB08281400JLS1	8/28/2010	1,1,2,2-Tetrachloroethane	5.1	ug/kg	U
SEE09301025MAE1	9/30/2010	1,1,2,2-Tetrachloroethane	5.0	ug/Kg	U
SEE09051500JAW1	9/5/2010	1,1,2,2-Tetrachloroethane	5.0	ug/Kg	U
SEE10051145RCM1	10/5/2010	1,1,2,2-Tetrachloroethane	4.9	ug/Kg	U
SEE09070930JRP1	9/7/2010	1,1,2,2-Tetrachloroethane	4.9	ug/Kg	U
SEE10061135ARM1	10/6/2010	1,1,2,2-Tetrachloroethane	4.8	ug/Kg	U
SEE10181030JWP1	10/18/2010	1,1,2,2-Tetrachloroethane	4.6	ug/Kg	U
SEF09281139TDF1	9/28/2010	1,1,2,2-Tetrachloroethane	4.3	ug/Kg	U
SEE09231205RCM1	9/23/2010	1,1,2,2-Tetrachloroethane	3.3	ug/Kg	U
SEE08271445JRP1	8/27/2010	1,1,2,2-Tetrachloroethane	2.8	ug/kg	U
ML-07-S-082510	8/25/2010	1,1,2,2-Tetrachloroethane	0.73	mg/Kg	U
ML-03-S-082510	8/25/2010	1,1,2,2-Tetrachloroethane	0.43	mg/Kg	U
ML-06-S-082510	8/25/2010	1,1,2,2-Tetrachloroethane	0.42	mg/Kg	U
ML-07-S-082410	8/24/2010	1,1,2,2-Tetrachloroethane	0.41	mg/Kg	UJ
ML-06-S-082010	8/20/2010	1,1,2,2-Tetrachloroethane	0.38	mg/Kg	U
ML-08-S-082510	8/25/2010	1,1,2,2-Tetrachloroethane	0.37	mg/Kg	U
ML-08-S-082410	8/24/2010	1,1,2,2-Tetrachloroethane	0.37	mg/Kg	UJ
ML-06-S-082310	8/23/2010	1,1,2,2-Tetrachloroethane	0.37	mg/Kg	U
ML-07-S-082110	8/21/2010	1,1,2,2-Tetrachloroethane	0.37	mg/Kg	U
ML-08-S-082110	8/21/2010	1,1,2,2-Tetrachloroethane	0.37	mg/Kg	U
ML-10-S-082110	8/21/2010	1,1,2,2-Tetrachloroethane	0.37	mg/Kg	U
ML-10-S-082110	8/21/2010	1,1,2,2-Tetrachloroethane	0.37	mg/Kg	U
ML-10-S-081910	8/19/2010	1,1,2,2-Tetrachloroethane	0.37	mg/Kg	U
ML-10-S-081910	8/19/2010	1,1,2,2-Tetrachloroethane	0.37	mg/Kg	U
ML-07-S-081810	8/18/2010	1,1,2,2-Tetrachloroethane	0.37	mg/Kg	UJ
ML-09-S-081810	8/18/2010	1,1,2,2-Tetrachloroethane	0.37	mg/Kg	UJ
ML-10-S-082410	8/24/2010	1,1,2,2-Tetrachloroethane	0.36	mg/Kg	UJ
ML-10-S-082410	8/24/2010	1,1,2,2-Tetrachloroethane	0.36	mg/Kg	UJ
ML-01-S-081610	8/16/2010	1,1,2,2-Tetrachloroethane	0.35	mg/Kg	U
ML-10-S-081610	8/16/2010	1,1,2,2-Tetrachloroethane	0.35	mg/Kg	U
ML-10-S-081610	8/16/2010	1,1,2,2-Tetrachloroethane	0.35	mg/Kg	U
ML-04-S-082410	8/24/2010	1,1,2,2-Tetrachloroethane	0.34	mg/Kg	UJ
ML-03-S-082310	8/23/2010	1,1,2,2-Tetrachloroethane	0.34	mg/Kg	U
ML-10-S-082110-D	8/21/2010	1,1,2,2-Tetrachloroethane	0.34	mg/Kg	U
ML-10-S-082110-D	8/21/2010	1,1,2,2-Tetrachloroethane	0.34	mg/Kg	U
ML-07-S-081610	8/16/2010	1,1,2,2-Tetrachloroethane	0.34	mg/Kg	U
ML-08-S-081610-D	8/16/2010	1,1,2,2-Tetrachloroethane	0.34	mg/Kg	U
ML-04-S-082610	8/26/2010	1,1,2,2-Tetrachloroethane	0.33	mg/Kg	U
ML-05-S-082310	8/23/2010	1,1,2,2-Tetrachloroethane	0.33	mg/Kg	U
ML-05-S-082010	8/20/2010	1,1,2,2-Tetrachloroethane	0.33	mg/Kg	U
ML-10-S-082610	8/26/2010	1,1,2,2-Tetrachloroethane	0.32	mg/Kg	U
ML-10-S-082610	8/26/2010	1,1,2,2-Tetrachloroethane	0.32	mg/Kg	U
ML-06-S-081710	8/17/2010	1,1,2,2-Tetrachloroethane	0.32	mg/Kg	U
ML-08-S-081610	8/16/2010	1,1,2,2-Tetrachloroethane	0.32	mg/Kg	U
ML-01-S-082510	8/25/2010	1,1,2,2-Tetrachloroethane	0.31	mg/Kg	U
ML-09-S-082510	8/25/2010	1,1,2,2-Tetrachloroethane	0.31	mg/Kg	U
ML-09-S-082410	8/24/2010	1,1,2,2-Tetrachloroethane	0.31	mg/Kg	UJ
ML-02-S-081710	8/17/2010	1,1,2,2-Tetrachloroethane	0.31	mg/Kg	U
ML-02-S-082510	8/25/2010	1,1,2,2-Tetrachloroethane	0.28	mg/Kg	U
ML-09-S-082110	8/21/2010	1,1,2,2-Tetrachloroethane	0.28	mg/Kg	U
ML-01-S-082110	8/21/2010	1,1,2,2-Tetrachloroethane	0.27	mg/Kg	U
ML-04-S-081710	8/17/2010	1,1,2,2-Tetrachloroethane	0.27	mg/Kg	U
ML-05-S-081710	8/17/2010	1,1,2,2-Tetrachloroethane	0.27	mg/Kg	U
ML-02-S-082310	8/23/2010	1,1,2,2-Tetrachloroethane	0.25	mg/Kg	U
ML-04-S-082010	8/20/2010	1,1,2,2-Tetrachloroethane	0.25	mg/Kg	U
ML-01-S-081910	8/19/2010	1,1,2,2-Tetrachloroethane	0.25	mg/Kg	U



**TABLE B-2b**  
**Upstream Sediment Samples (Morrow Lake)**

Sample ID	Sample Date	Analyte	Result	Unit	Data Qualifier
ML-02-S-082010	8/20/2010	1,1,2,2-Tetrachloroethane	0.22	mg/Kg	U
ML-03-S-081610	8/16/2010	1,1,2,2-Tetrachloroethane	0.22	mg/Kg	U
ML-03-S-082010	8/20/2010	1,1,2,2-Tetrachloroethane	0.19	mg/Kg	U
ML-05-S-082610	8/26/2010	1,1,2,2-Tetrachloroethane	0.17	mg/Kg	U
SEE08281607TWH1	8/28/2010	1,1,2-Trichloro-1,2,2-trifluoroethane	44	ug/kg	U
SEE08281505PML1	8/28/2010	1,1,2-Trichloro-1,2,2-trifluoroethane	37	ug/kg	U
SEE08271215PML1	8/27/2010	1,1,2-Trichloro-1,2,2-trifluoroethane	35	ug/kg	U
SEE08281630RCM1	8/28/2010	1,1,2-Trichloro-1,2,2-trifluoroethane	33	ug/kg	U
SEE08261420RCM1	8/26/2010	1,1,2-Trichloro-1,2,2-trifluoroethane	28	ug/kg	U
SEE08291110PML1	8/29/2010	1,1,2-Trichloro-1,2,2-trifluoroethane	27	ug/kg	U
SEE08271500PML1	8/27/2010	1,1,2-Trichloro-1,2,2-trifluoroethane	23	ug/kg	U
SEE08281215PML1	8/28/2010	1,1,2-Trichloro-1,2,2-trifluoroethane	22	ug/kg	U
SEE08281420TWH1	8/28/2010	1,1,2-Trichloro-1,2,2-trifluoroethane	21	ug/kg	U
SEE08291421KAP1	8/29/2010	1,1,2-Trichloro-1,2,2-trifluoroethane	20	ug/kg	U
SEE08271145RCM1	8/27/2010	1,1,2-Trichloro-1,2,2-trifluoroethane	20	ug/kg	U
SEE08281510TWH1	8/28/2010	1,1,2-Trichloro-1,2,2-trifluoroethane	17	ug/kg	U
SEE08291550KAP1	8/29/2010	1,1,2-Trichloro-1,2,2-trifluoroethane	15	ug/kg	U
SEE08261620RCM1	8/26/2010	1,1,2-Trichloro-1,2,2-trifluoroethane	14	ug/kg	U
SEE08291445PML1	8/29/2010	1,1,2-Trichloro-1,2,2-trifluoroethane	10	ug/kg	U
SEE08291354KAP1	8/29/2010	1,1,2-Trichloro-1,2,2-trifluoroethane	9.3	ug/kg	U
SEE08271614TWH1	8/27/2010	1,1,2-Trichloro-1,2,2-trifluoroethane	7.8	ug/kg	U
SEE08271652TWH1	8/27/2010	1,1,2-Trichloro-1,2,2-trifluoroethane	7.6	ug/kg	U
SEE08271536TWH1	8/27/2010	1,1,2-Trichloro-1,2,2-trifluoroethane	6.3	ug/kg	U
SEE08281540JRP1	8/28/2010	1,1,2-Trichloro-1,2,2-trifluoroethane	5.4	ug/kg	U
SEB08281400JLS1	8/28/2010	1,1,2-Trichloro-1,2,2-trifluoroethane	5.1	ug/kg	U
SEE08271445JRP1	8/27/2010	1,1,2-Trichloro-1,2,2-trifluoroethane	2.8	ug/kg	U
SEE10211035JDF1	10/21/2010	1,1,2-Trichloroethane	1200	ug/Kg	U
SEE10221110JDF1	10/22/2010	1,1,2-Trichloroethane	1100	ug/Kg	U
SEE10221110JDF1	10/22/2010	1,1,2-Trichloroethane	1100	ug/Kg	U
SEE10211430JDF1	10/21/2010	1,1,2-Trichloroethane	1100	ug/Kg	U
SEE10191005JDF1	10/19/2010	1,1,2-Trichloroethane	1100	ug/Kg	U
SEE10191515JDF1	10/19/2010	1,1,2-Trichloroethane	1100	ug/Kg	U
SEE10191415JDF1	10/19/2010	1,1,2-Trichloroethane	1000	ug/Kg	U
SEE10191155JDF1	10/19/2010	1,1,2-Trichloroethane	970	ug/Kg	U
SEE10191100JDF1	10/19/2010	1,1,2-Trichloroethane	950	ug/Kg	U
SEE10211010JWP1	10/21/2010	1,1,2-Trichloroethane	940	ug/Kg	U
SEE10221055DWS1	10/22/2010	1,1,2-Trichloroethane	910	ug/Kg	U
SEE10191010JWP1	10/19/2010	1,1,2-Trichloroethane	900	ug/Kg	U
SEE10221450DWS1	10/22/2010	1,1,2-Trichloroethane	490	ug/Kg	U
SEE10211345JWP1	10/21/2010	1,1,2-Trichloroethane	440	ug/Kg	U
SEF10221050MAE3	10/22/2010	1,1,2-Trichloroethane	310	ug/Kg	U
SEF10191135NAC3	10/19/2010	1,1,2-Trichloroethane	300	ug/Kg	U
SEE10191115JWP1	10/19/2010	1,1,2-Trichloroethane	270	ug/Kg	U
SEE10141015JDF1	10/14/2010	1,1,2-Trichloroethane	140	ug/Kg	U
SEE09200945PML1	9/20/2010	1,1,2-Trichloroethane	60	ug/Kg	U
SEE09200945PML1	9/20/2010	1,1,2-Trichloroethane	60	ug/Kg	U
SEE09201115RCM1	9/20/2010	1,1,2-Trichloroethane	58	ug/Kg	U
SEE09201645ARM1	9/20/2010	1,1,2-Trichloroethane	48	ug/Kg	U
SEE10071042RCM1	10/7/2010	1,1,2-Trichloroethane	45	ug/Kg	U
SEE09061500PML1	9/6/2010	1,1,2-Trichloroethane	45	ug/Kg	U
SEE08281607TWH1	8/28/2010	1,1,2-Trichloroethane	44	ug/kg	U
SEE09301105JDF1	9/30/2010	1,1,2-Trichloroethane	42	ug/Kg	U
SEE09181705PML1	9/18/2010	1,1,2-Trichloroethane	42	ug/Kg	U
SEE09021400PML1	9/2/2010	1,1,2-Trichloroethane	41	ug/Kg	U
SEE08301130PML1	8/30/2010	1,1,2-Trichloroethane	41	ug/Kg	U
SEE10091401PML1	10/9/2010	1,1,2-Trichloroethane	40	ug/Kg	U
SEE10181035JDF1	10/18/2010	1,1,2-Trichloroethane	39	ug/Kg	U
SEE10051125PML1	10/5/2010	1,1,2-Trichloroethane	39	ug/Kg	U
SEE08311045PML1	8/31/2010	1,1,2-Trichloroethane	39	ug/Kg	U
SEE10141555ARM1	10/14/2010	1,1,2-Trichloroethane	38	ug/Kg	U

**TABLE B-2b**  
**Upstream Sediment Samples (Morrow Lake)**

Sample ID	Sample Date	Analyte	Result	Unit	Data Qualifier
SEE09101215PML1	9/10/2010	1,1,2-Trichloroethane	38	ug/Kg	U
SEE10161530JDF1	10/16/2010	1,1,2-Trichloroethane	37	ug/Kg	U
SEE10081115PML1	10/8/2010	1,1,2-Trichloroethane	37	ug/Kg	U
SEE09030925PML1	9/3/2010	1,1,2-Trichloroethane	37	ug/Kg	U
SEE09031115JAW1	9/3/2010	1,1,2-Trichloroethane	37	ug/Kg	U
SEE08281505PML1	8/28/2010	1,1,2-Trichloroethane	37	ug/kg	U
SEE10171410JDF1	10/17/2010	1,1,2-Trichloroethane	36	ug/Kg	U
SEE09191530PML1	9/19/2010	1,1,2-Trichloroethane	36	ug/Kg	U
SEE09181235PML1	9/18/2010	1,1,2-Trichloroethane	36	ug/Kg	U
SEE09141135PML1	9/14/2010	1,1,2-Trichloroethane	36	ug/Kg	U
SEE09101022PML1	9/10/2010	1,1,2-Trichloroethane	36	ug/Kg	U
SEE10171115JDF1	10/17/2010	1,1,2-Trichloroethane	35	ug/Kg	U
SEE08311420PML1	8/31/2010	1,1,2-Trichloroethane	35	ug/Kg	U
SEE08311420PML1	8/31/2010	1,1,2-Trichloroethane	35	ug/Kg	U
SEE08271215PML1	8/27/2010	1,1,2-Trichloroethane	35	ug/kg	U
SEE10041530JDF1	10/4/2010	1,1,2-Trichloroethane	34	ug/Kg	U
SEE09121105RCM1	9/12/2010	1,1,2-Trichloroethane	34	ug/Kg	U
SEE09011545PML1	9/1/2010	1,1,2-Trichloroethane	34	ug/Kg	U
SEE08301550PML1	8/30/2010	1,1,2-Trichloroethane	34	ug/Kg	U
SEE10181210JDF1	10/18/2010	1,1,2-Trichloroethane	33	ug/Kg	U
SEE10181430JWP1	10/18/2010	1,1,2-Trichloroethane	33	ug/Kg	U
SEE10181510JDF1	10/18/2010	1,1,2-Trichloroethane	33	ug/Kg	U
SEE10181510JDF1	10/18/2010	1,1,2-Trichloroethane	33	ug/Kg	U
SEE10131150JDF1	10/13/2010	1,1,2-Trichloroethane	33	ug/Kg	U
SEE10101010PML1	10/10/2010	1,1,2-Trichloroethane	33	ug/Kg	U
SEE10101215PML1	10/10/2010	1,1,2-Trichloroethane	33	ug/Kg	U
SEE10101215PML1	10/10/2010	1,1,2-Trichloroethane	33	ug/Kg	U
SEE09140945PML1	9/14/2010	1,1,2-Trichloroethane	33	ug/Kg	U
SEE09061525MHS1	9/6/2010	1,1,2-Trichloroethane	33	ug/Kg	U
SEE09051130PML1	9/5/2010	1,1,2-Trichloroethane	33	ug/Kg	U
SEE09031100PML1	9/3/2010	1,1,2-Trichloroethane	33	ug/Kg	U
SEE09021010PML1	9/2/2010	1,1,2-Trichloroethane	33	ug/Kg	U
SEE08281630RCM1	8/28/2010	1,1,2-Trichloroethane	33	ug/kg	U
SEE10031115JDF1	10/3/2010	1,1,2-Trichloroethane	32	ug/Kg	U
SEE10031115JDF1	10/3/2010	1,1,2-Trichloroethane	32	ug/Kg	U
SEE09301205RCM1	9/30/2010	1,1,2-Trichloroethane	32	ug/Kg	U
SEE09301255JDF1	9/30/2010	1,1,2-Trichloroethane	32	ug/Kg	U
SEE09231645JDF1	9/23/2010	1,1,2-Trichloroethane	32	ug/Kg	U
SEE09141515PML1	9/14/2010	1,1,2-Trichloroethane	32	ug/Kg	U
SEE09101625PML1	9/10/2010	1,1,2-Trichloroethane	32	ug/Kg	U
SEE09091005RCM1	9/9/2010	1,1,2-Trichloroethane	32	ug/Kg	U
SEE09061105PML1	9/6/2010	1,1,2-Trichloroethane	32	ug/Kg	U
SEE09031650PML1	9/3/2010	1,1,2-Trichloroethane	32	ug/Kg	U
SEE09031650PML1	9/3/2010	1,1,2-Trichloroethane	32	ug/Kg	U
SEE10081231PML1	10/8/2010	1,1,2-Trichloroethane	31	ug/Kg	U
SEE09231210JDF1	9/23/2010	1,1,2-Trichloroethane	31	ug/Kg	U
SEE09161045PML1	9/16/2010	1,1,2-Trichloroethane	31	ug/Kg	U
SEE09081205PML1	9/8/2010	1,1,2-Trichloroethane	31	ug/Kg	U
SEE09071050PML1	9/7/2010	1,1,2-Trichloroethane	31	ug/Kg	U
SEE08301145MHS1	8/30/2010	1,1,2-Trichloroethane	31	ug/Kg	U
SEE10161115ARM1	10/16/2010	1,1,2-Trichloroethane	30	ug/Kg	U
SEE10120930JDF1	10/12/2010	1,1,2-Trichloroethane	30	ug/Kg	U
SEE10071101PML1	10/7/2010	1,1,2-Trichloroethane	30	ug/Kg	U
SEE09261625JDF1	9/26/2010	1,1,2-Trichloroethane	30	ug/Kg	U
SEE09261625JDF1	9/26/2010	1,1,2-Trichloroethane	30	ug/Kg	U
SEE09131445RCM1	9/13/2010	1,1,2-Trichloroethane	30	ug/Kg	U
SEE09121055PML1	9/12/2010	1,1,2-Trichloroethane	30	ug/Kg	U
SEE09121055PML1	9/12/2010	1,1,2-Trichloroethane	30	ug/Kg	U
SEE09121436RCM1	9/12/2010	1,1,2-Trichloroethane	30	ug/Kg	U
SEE09091410RCM1	9/9/2010	1,1,2-Trichloroethane	30	ug/Kg	U

**TABLE B-2b**  
**Upstream Sediment Samples (Morrow Lake)**

Sample ID	Sample Date	Analyte	Result	Unit	Data Qualifier
SEE09011050PML1	9/1/2010	1,1,2-Trichloroethane	30	ug/Kg	U
SEE10081051RCM1	10/8/2010	1,1,2-Trichloroethane	29	ug/Kg	U
SEE10061640PML1	10/6/2010	1,1,2-Trichloroethane	29	ug/Kg	U
SEE10061640PML1	10/6/2010	1,1,2-Trichloroethane	29	ug/Kg	U
SEE10051653PML1	10/5/2010	1,1,2-Trichloroethane	29	ug/Kg	U
SEE09261215JDF1	9/26/2010	1,1,2-Trichloroethane	29	ug/Kg	U
SEE09231130ARM1	9/23/2010	1,1,2-Trichloroethane	29	ug/Kg	U
SEE09191040PML1	9/19/2010	1,1,2-Trichloroethane	29	ug/Kg	U
SEE09131026RCM1	9/13/2010	1,1,2-Trichloroethane	29	ug/Kg	U
SEE09131505PML1	9/13/2010	1,1,2-Trichloroethane	29	ug/Kg	U
SEE09040950PML1	9/4/2010	1,1,2-Trichloroethane	29	ug/Kg	U
SEE10011120JDF1	10/1/2010	1,1,2-Trichloroethane	28	ug/Kg	U
SEE09211155JDF1	9/21/2010	1,1,2-Trichloroethane	28	ug/Kg	U
SEE09171415PML1	9/17/2010	1,1,2-Trichloroethane	28	ug/Kg	U
SEE09151145PML1	9/15/2010	1,1,2-Trichloroethane	28	ug/Kg	U
SEE09151145PML1	9/15/2010	1,1,2-Trichloroethane	28	ug/Kg	U
SEE09131620PML1	9/13/2010	1,1,2-Trichloroethane	28	ug/Kg	U
SEE09121450PML1	9/12/2010	1,1,2-Trichloroethane	28	ug/Kg	U
SEE09091515PML1	9/9/2010	1,1,2-Trichloroethane	28	ug/Kg	U
SEE09081010PML1	9/8/2010	1,1,2-Trichloroethane	28	ug/Kg	U
SEE09081020RCM1	9/8/2010	1,1,2-Trichloroethane	28	ug/Kg	U
SEE09011255PML1	9/1/2010	1,1,2-Trichloroethane	28	ug/Kg	U
SEE08301015JRP1	8/30/2010	1,1,2-Trichloroethane	28	ug/Kg	U
SEE08261420RCM1	8/26/2010	1,1,2-Trichloroethane	28	ug/kg	U
SEE10091614PML1	10/9/2010	1,1,2-Trichloroethane	27	ug/Kg	U
SEE10061205PML1	10/6/2010	1,1,2-Trichloroethane	27	ug/Kg	U
SEE10041150JDF1	10/4/2010	1,1,2-Trichloroethane	27	ug/Kg	U
SEE09251135JDF1	9/25/2010	1,1,2-Trichloroethane	27	ug/Kg	U
SEE09221440JDF1	9/22/2010	1,1,2-Trichloroethane	27	ug/Kg	U
SEE09170839RCM1	9/17/2010	1,1,2-Trichloroethane	27	ug/Kg	U
SEE09151015PML1	9/15/2010	1,1,2-Trichloroethane	27	ug/Kg	U
SEE08291110PML1	8/29/2010	1,1,2-Trichloroethane	27	ug/kg	U
SEE10141150JDF1	10/14/2010	1,1,2-Trichloroethane	26	ug/Kg	U
SEE10141550JDF1	10/14/2010	1,1,2-Trichloroethane	26	ug/Kg	U
SEE10141550JDF1	10/14/2010	1,1,2-Trichloroethane	26	ug/Kg	U
SEE10121155JDF1	10/12/2010	1,1,2-Trichloroethane	26	ug/Kg	U
SEE09271130JDF1	9/27/2010	1,1,2-Trichloroethane	26	ug/Kg	U
SEE09131125PML1	9/13/2010	1,1,2-Trichloroethane	26	ug/Kg	U
SEE09091010PML1	9/9/2010	1,1,2-Trichloroethane	26	ug/Kg	U
SEE09091145PML1	9/9/2010	1,1,2-Trichloroethane	26	ug/Kg	U
SEE09091410PML1	9/9/2010	1,1,2-Trichloroethane	26	ug/Kg	U
SEE09061130MHS1	9/6/2010	1,1,2-Trichloroethane	26	ug/Kg	U
SEE09011145PML1	9/1/2010	1,1,2-Trichloroethane	26	ug/Kg	U
SEE08301638MHS1	8/30/2010	1,1,2-Trichloroethane	26	ug/Kg	U
SEE10151055ARM1	10/15/2010	1,1,2-Trichloroethane	25	ug/Kg	U
SEE10121415ARM1	10/12/2010	1,1,2-Trichloroethane	25	ug/Kg	U
SEE10111125JDF1	10/11/2010	1,1,2-Trichloroethane	25	ug/Kg	U
SEE10031425JDF1	10/3/2010	1,1,2-Trichloroethane	25	ug/Kg	U
SEE09291035JDF1	9/29/2010	1,1,2-Trichloroethane	25	ug/Kg	U
SEE09220935RCM1	9/22/2010	1,1,2-Trichloroethane	25	ug/Kg	U
SEE09111015PML1	9/11/2010	1,1,2-Trichloroethane	25	ug/Kg	U
SEE09051015PML1	9/5/2010	1,1,2-Trichloroethane	25	ug/Kg	U
SEE08301445JRP1	8/30/2010	1,1,2-Trichloroethane	25	ug/Kg	U
SEE10161415JDF1	10/16/2010	1,1,2-Trichloroethane	24	ug/Kg	U
SEE10040945JDF1	10/4/2010	1,1,2-Trichloroethane	24	ug/Kg	U
SEE09230955RCM1	9/23/2010	1,1,2-Trichloroethane	24	ug/Kg	U
SEE09211530JDF1	9/21/2010	1,1,2-Trichloroethane	24	ug/Kg	U
SEE09170945PML1	9/17/2010	1,1,2-Trichloroethane	24	ug/Kg	U
SEE09171125PML1	9/17/2010	1,1,2-Trichloroethane	24	ug/Kg	U
SEE09130955JRP1	9/13/2010	1,1,2-Trichloroethane	24	ug/Kg	U

**TABLE B-2b**  
**Upstream Sediment Samples (Morrow Lake)**

Sample ID	Sample Date	Analyte	Result	Unit	Data Qualifier
SEE09091605PML1	9/9/2010	1,1,2-Trichloroethane	24	ug/Kg	U
SEE09041350PML1	9/4/2010	1,1,2-Trichloroethane	24	ug/Kg	U
SEE10071205PML1	10/7/2010	1,1,2-Trichloroethane	23	ug/Kg	U
SEE10071540PML1	10/7/2010	1,1,2-Trichloroethane	23	ug/Kg	U
SEE10041335JDF1	10/4/2010	1,1,2-Trichloroethane	23	ug/Kg	U
SEE09271025ARM1	9/27/2010	1,1,2-Trichloroethane	23	ug/Kg	U
SEE09171530PML1	9/17/2010	1,1,2-Trichloroethane	23	ug/Kg	U
SEE09051430PML1	9/5/2010	1,1,2-Trichloroethane	23	ug/Kg	U
SEE08271500PML1	8/27/2010	1,1,2-Trichloroethane	23	ug/kg	U
SEE10150945JDF1	10/15/2010	1,1,2-Trichloroethane	22	ug/Kg	U
SEE10111011JDF1	10/11/2010	1,1,2-Trichloroethane	22	ug/Kg	U
SEE10111350JDF1	10/11/2010	1,1,2-Trichloroethane	22	ug/Kg	U
SEE10061051RCM1	10/6/2010	1,1,2-Trichloroethane	22	ug/Kg	U
SEE10041355ARM1	10/4/2010	1,1,2-Trichloroethane	22	ug/Kg	U
SEE09271515JDF1	9/27/2010	1,1,2-Trichloroethane	22	ug/Kg	U
SEE09221105JDF1	9/22/2010	1,1,2-Trichloroethane	22	ug/Kg	U
SEE09130940PML1	9/13/2010	1,1,2-Trichloroethane	22	ug/Kg	U
SEE08281215PML1	8/28/2010	1,1,2-Trichloroethane	22	ug/kg	U
SEE10121030JDF1	10/12/2010	1,1,2-Trichloroethane	21	ug/Kg	U
SEE09290925JDF1	9/29/2010	1,1,2-Trichloroethane	21	ug/Kg	U
SEE09091025JRP1	9/9/2010	1,1,2-Trichloroethane	21	ug/Kg	U
SEE09011635PML1	9/1/2010	1,1,2-Trichloroethane	21	ug/Kg	U
SEE08301520JRP1	8/30/2010	1,1,2-Trichloroethane	21	ug/Kg	U
SEE08281420TWH1	8/28/2010	1,1,2-Trichloroethane	21	ug/kg	U
SEE08261445JRP1	8/26/2010	1,1,2-Trichloroethane	21	ug/Kg	U
SEE10161055JDF1	10/16/2010	1,1,2-Trichloroethane	20	ug/Kg	U
SEE10151355ARM1	10/15/2010	1,1,2-Trichloroethane	20	ug/Kg	U
SEE10071415ARM1	10/7/2010	1,1,2-Trichloroethane	20	ug/Kg	U
SEE09031140MHS1	9/3/2010	1,1,2-Trichloroethane	20	ug/Kg	U
SEE08291421KAP1	8/29/2010	1,1,2-Trichloroethane	20	ug/kg	U
SEE08271145RCM1	8/27/2010	1,1,2-Trichloroethane	20	ug/kg	U
SEE10041050JDF1	10/4/2010	1,1,2-Trichloroethane	19	ug/Kg	U
SEE09301255MAE1	9/30/2010	1,1,2-Trichloroethane	19	ug/Kg	U
SEE09291645JDF1	9/29/2010	1,1,2-Trichloroethane	19	ug/Kg	U
SEE09051550MHS1	9/5/2010	1,1,2-Trichloroethane	19	ug/Kg	U
SEE09031645MHS1	9/3/2010	1,1,2-Trichloroethane	19	ug/Kg	U
SEE10041138RCM1	10/4/2010	1,1,2-Trichloroethane	18	ug/Kg	U
SEE09221615JDF1	9/22/2010	1,1,2-Trichloroethane	18	ug/Kg	U
SEE09191445RCM1	9/19/2010	1,1,2-Trichloroethane	18	ug/Kg	U
SEE08311010JRP1	8/31/2010	1,1,2-Trichloroethane	18	ug/Kg	U
SEE09250905RCM1	9/25/2010	1,1,2-Trichloroethane	17	ug/Kg	U
SEE09200911RCM1	9/20/2010	1,1,2-Trichloroethane	17	ug/Kg	U
SEE09090900JRP1	9/9/2010	1,1,2-Trichloroethane	17	ug/Kg	U
SEE09011545MHS1	9/1/2010	1,1,2-Trichloroethane	17	ug/Kg	U
SEE08281510TWH1	8/28/2010	1,1,2-Trichloroethane	17	ug/kg	U
SEE10170915JDF1	10/17/2010	1,1,2-Trichloroethane	16	ug/Kg	U
SEE09291135JDF1	9/29/2010	1,1,2-Trichloroethane	16	ug/Kg	U
SEE09260930RCM1	9/26/2010	1,1,2-Trichloroethane	16	ug/Kg	U
SEE09201110ARM1	9/20/2010	1,1,2-Trichloroethane	15	ug/Kg	U
SEE08301530JAW1	8/30/2010	1,1,2-Trichloroethane	15	ug/Kg	U
SEE08291550KAP1	8/29/2010	1,1,2-Trichloroethane	15	ug/kg	U
SEE10071151RCM1	10/7/2010	1,1,2-Trichloroethane	14	ug/Kg	U
SEE09211112RCM1	9/21/2010	1,1,2-Trichloroethane	14	ug/Kg	U
SEE08311348MHS1	8/31/2010	1,1,2-Trichloroethane	14	ug/Kg	U
SEE08300920JRP1	8/30/2010	1,1,2-Trichloroethane	14	ug/Kg	U
SEE08261620RCM1	8/26/2010	1,1,2-Trichloroethane	14	ug/kg	U
SEE10141025ARM1	10/14/2010	1,1,2-Trichloroethane	12	ug/Kg	U
SEE09130915JRP1	9/13/2010	1,1,2-Trichloroethane	12	ug/Kg	U
SEE10091200ARM1	10/9/2010	1,1,2-Trichloroethane	11	ug/Kg	U
SEE09291023RCM1	9/29/2010	1,1,2-Trichloroethane	11	ug/Kg	U

**TABLE B-2b**  
**Upstream Sediment Samples (Morrow Lake)**

Sample ID	Sample Date	Analyte	Result	Unit	Data Qualifier
SEE09171445RCM1	9/17/2010	1,1,2-Trichloroethane	11	ug/Kg	U
SEE09161035RCM1	9/16/2010	1,1,2-Trichloroethane	11	ug/Kg	U
SEE09141312RCM1	9/14/2010	1,1,2-Trichloroethane	10	ug/Kg	U
SEE08291445PML1	8/29/2010	1,1,2-Trichloroethane	10	ug/kg	U
SEE08291354KAP1	8/29/2010	1,1,2-Trichloroethane	9.3	ug/kg	U
SEE10051415ARM1	10/5/2010	1,1,2-Trichloroethane	8.7	ug/Kg	U
SEE09061610JAW1	9/6/2010	1,1,2-Trichloroethane	8.5	ug/Kg	U
SEE10011125ARM1	10/1/2010	1,1,2-Trichloroethane	8.2	ug/Kg	U
SEE08261700JRP1	8/26/2010	1,1,2-Trichloroethane	8.2	ug/Kg	U
SEE09051500MHS1	9/5/2010	1,1,2-Trichloroethane	8.0	ug/Kg	U
SEE10171535ARM1	10/17/2010	1,1,2-Trichloroethane	7.9	ug/Kg	U
SEE09231035ARM1	9/23/2010	1,1,2-Trichloroethane	7.9	ug/Kg	U
SEE09171200ARM1	9/17/2010	1,1,2-Trichloroethane	7.9	ug/Kg	U
SEE08271614TWH1	8/27/2010	1,1,2-Trichloroethane	7.8	ug/kg	U
SEE10081035ARM1	10/8/2010	1,1,2-Trichloroethane	7.6	ug/Kg	U
SEE08271652TWH1	8/27/2010	1,1,2-Trichloroethane	7.6	ug/kg	U
SEE09100945RCM1	9/10/2010	1,1,2-Trichloroethane	7.5	ug/Kg	U
SEE09211120ARM1	9/21/2010	1,1,2-Trichloroethane	7.4	ug/Kg	U
SEB09011143JLS1	9/1/2010	1,1,2-Trichloroethane	7.1	ug/Kg	U
SEE08301410JRP1	8/30/2010	1,1,2-Trichloroethane	7.0	ug/Kg	U
SEE09281445RCM1	9/28/2010	1,1,2-Trichloroethane	6.5	ug/Kg	U
SEE08271536TWH1	8/27/2010	1,1,2-Trichloroethane	6.3	ug/kg	U
SEE09271500ARM1	9/27/2010	1,1,2-Trichloroethane	6.2	ug/Kg	U
SEE09170935RCM1	9/17/2010	1,1,2-Trichloroethane	6.1	ug/Kg	U
SEF10011045TDF1	10/1/2010	1,1,2-Trichloroethane	6.0	ug/Kg	U
SEE09150915JRP1	9/15/2010	1,1,2-Trichloroethane	6.0	ug/Kg	U
SEE10011043RCM1	10/1/2010	1,1,2-Trichloroethane	5.8	ug/Kg	U
SEE09290915MAE1	9/29/2010	1,1,2-Trichloroethane	5.8	ug/Kg	U
SEE10131035ARM1	10/13/2010	1,1,2-Trichloroethane	5.5	ug/Kg	U
SEE10071045ARM1	10/7/2010	1,1,2-Trichloroethane	5.5	ug/Kg	U
SEE10041045ARM1	10/4/2010	1,1,2-Trichloroethane	5.5	ug/Kg	U
SEF10151030PMB3	10/15/2010	1,1,2-Trichloroethane	5.4	ug/Kg	U
SEF10081108TDF3	10/8/2010	1,1,2-Trichloroethane	5.4	ug/Kg	U
SEE09251235ARM1	9/25/2010	1,1,2-Trichloroethane	5.4	ug/Kg	U
SEE08281540JRP1	8/28/2010	1,1,2-Trichloroethane	5.4	ug/kg	U
SEF10051206TDF3	10/5/2010	1,1,2-Trichloroethane	5.3	ug/Kg	U
SEE09140945JRP1	9/14/2010	1,1,2-Trichloroethane	5.3	ug/Kg	U
SEE09080930JRP1	9/8/2010	1,1,2-Trichloroethane	5.3	ug/Kg	U
SEE09011515JAW1	9/1/2010	1,1,2-Trichloroethane	5.3	ug/Kg	U
SEE08301100JRP1	8/30/2010	1,1,2-Trichloroethane	5.3	ug/Kg	U
SEE10121040ARM1	10/12/2010	1,1,2-Trichloroethane	5.2	ug/Kg	U
SEF10121130PMB3	10/12/2010	1,1,2-Trichloroethane	5.2	ug/Kg	U
SEE09221045ARM1	9/22/2010	1,1,2-Trichloroethane	5.2	ug/Kg	U
SEE09100920JRP1	9/10/2010	1,1,2-Trichloroethane	5.1	ug/Kg	U
SEB08281400JLS1	8/28/2010	1,1,2-Trichloroethane	5.1	ug/kg	U
SEE09301025MAE1	9/30/2010	1,1,2-Trichloroethane	5.0	ug/Kg	U
SEE09051500JAW1	9/5/2010	1,1,2-Trichloroethane	5.0	ug/Kg	U
SEE10051145RCM1	10/5/2010	1,1,2-Trichloroethane	4.9	ug/Kg	U
SEE09070930JRP1	9/7/2010	1,1,2-Trichloroethane	4.9	ug/Kg	U
SEE10061135ARM1	10/6/2010	1,1,2-Trichloroethane	4.8	ug/Kg	U
SEE10181030JWP1	10/18/2010	1,1,2-Trichloroethane	4.6	ug/Kg	U
SEF09281139TDF1	9/28/2010	1,1,2-Trichloroethane	4.3	ug/Kg	U
SEE09231205RCM1	9/23/2010	1,1,2-Trichloroethane	3.3	ug/Kg	U
SEE08271445JRP1	8/27/2010	1,1,2-Trichloroethane	2.8	ug/kg	U
ML-07-S-082510	8/25/2010	1,1,2-Trichloroethane	0.73	mg/Kg	U
ML-03-S-082510	8/25/2010	1,1,2-Trichloroethane	0.43	mg/Kg	U
ML-06-S-082510	8/25/2010	1,1,2-Trichloroethane	0.42	mg/Kg	U
ML-07-S-082410	8/24/2010	1,1,2-Trichloroethane	0.41	mg/Kg	UJ
ML-06-S-082010	8/20/2010	1,1,2-Trichloroethane	0.38	mg/Kg	U
ML-08-S-082510	8/25/2010	1,1,2-Trichloroethane	0.37	mg/Kg	U

**TABLE B-2b**  
**Upstream Sediment Samples (Morrow Lake)**

Sample ID	Sample Date	Analyte	Result	Unit	Data Qualifier
ML-08-S-082410	8/24/2010	1,1,2-Trichloroethane	0.37	mg/Kg	UJ
ML-06-S-082310	8/23/2010	1,1,2-Trichloroethane	0.37	mg/Kg	U
ML-07-S-082110	8/21/2010	1,1,2-Trichloroethane	0.37	mg/Kg	U
ML-08-S-082110	8/21/2010	1,1,2-Trichloroethane	0.37	mg/Kg	U
ML-10-S-082110	8/21/2010	1,1,2-Trichloroethane	0.37	mg/Kg	U
ML-10-S-082110	8/21/2010	1,1,2-Trichloroethane	0.37	mg/Kg	U
ML-10-S-081910	8/19/2010	1,1,2-Trichloroethane	0.37	mg/Kg	U
ML-10-S-081910	8/19/2010	1,1,2-Trichloroethane	0.37	mg/Kg	U
ML-07-S-081810	8/18/2010	1,1,2-Trichloroethane	0.37	mg/Kg	UJ
ML-09-S-081810	8/18/2010	1,1,2-Trichloroethane	0.37	mg/Kg	UJ
ML-10-S-082410	8/24/2010	1,1,2-Trichloroethane	0.36	mg/Kg	UJ
ML-10-S-082410	8/24/2010	1,1,2-Trichloroethane	0.36	mg/Kg	UJ
ML-01-S-081610	8/16/2010	1,1,2-Trichloroethane	0.35	mg/Kg	U
ML-10-S-081610	8/16/2010	1,1,2-Trichloroethane	0.35	mg/Kg	U
ML-10-S-081610	8/16/2010	1,1,2-Trichloroethane	0.35	mg/Kg	U
ML-04-S-082410	8/24/2010	1,1,2-Trichloroethane	0.34	mg/Kg	UJ
ML-03-S-082310	8/23/2010	1,1,2-Trichloroethane	0.34	mg/Kg	U
ML-10-S-082110-D	8/21/2010	1,1,2-Trichloroethane	0.34	mg/Kg	U
ML-10-S-082110-D	8/21/2010	1,1,2-Trichloroethane	0.34	mg/Kg	U
ML-07-S-081610	8/16/2010	1,1,2-Trichloroethane	0.34	mg/Kg	U
ML-08-S-081610-D	8/16/2010	1,1,2-Trichloroethane	0.34	mg/Kg	U
ML-04-S-082610	8/26/2010	1,1,2-Trichloroethane	0.33	mg/Kg	U
ML-05-S-082310	8/23/2010	1,1,2-Trichloroethane	0.33	mg/Kg	U
ML-05-S-082010	8/20/2010	1,1,2-Trichloroethane	0.33	mg/Kg	U
ML-10-S-082610	8/26/2010	1,1,2-Trichloroethane	0.32	mg/Kg	U
ML-10-S-082610	8/26/2010	1,1,2-Trichloroethane	0.32	mg/Kg	U
ML-06-S-081710	8/17/2010	1,1,2-Trichloroethane	0.32	mg/Kg	U
ML-08-S-081610	8/16/2010	1,1,2-Trichloroethane	0.32	mg/Kg	U
ML-01-S-082510	8/25/2010	1,1,2-Trichloroethane	0.31	mg/Kg	U
ML-09-S-082510	8/25/2010	1,1,2-Trichloroethane	0.31	mg/Kg	U
ML-09-S-082410	8/24/2010	1,1,2-Trichloroethane	0.31	mg/Kg	UJ
ML-02-S-081710	8/17/2010	1,1,2-Trichloroethane	0.31	mg/Kg	U
ML-02-S-082510	8/25/2010	1,1,2-Trichloroethane	0.28	mg/Kg	U
ML-09-S-082110	8/21/2010	1,1,2-Trichloroethane	0.28	mg/Kg	U
ML-01-S-082110	8/21/2010	1,1,2-Trichloroethane	0.27	mg/Kg	U
ML-04-S-081710	8/17/2010	1,1,2-Trichloroethane	0.27	mg/Kg	U
ML-05-S-081710	8/17/2010	1,1,2-Trichloroethane	0.27	mg/Kg	U
ML-02-S-082310	8/23/2010	1,1,2-Trichloroethane	0.25	mg/Kg	U
ML-04-S-082010	8/20/2010	1,1,2-Trichloroethane	0.25	mg/Kg	U
ML-01-S-081910	8/19/2010	1,1,2-Trichloroethane	0.25	mg/Kg	U
ML-02-S-082010	8/20/2010	1,1,2-Trichloroethane	0.22	mg/Kg	U
ML-03-S-081610	8/16/2010	1,1,2-Trichloroethane	0.22	mg/Kg	U
ML-03-S-082010	8/20/2010	1,1,2-Trichloroethane	0.19	mg/Kg	U
ML-05-S-082610	8/26/2010	1,1,2-Trichloroethane	0.17	mg/Kg	U
SEE10141015JDF1	10/14/2010	1,1,2-Trichlorotrifluoroethane	280	ug/Kg	U
SEE09200945PML1	9/20/2010	1,1,2-Trichlorotrifluoroethane	60	ug/Kg	U
SEE09200945PML1	9/20/2010	1,1,2-Trichlorotrifluoroethane	60	ug/Kg	U
SEE09201115RCM1	9/20/2010	1,1,2-Trichlorotrifluoroethane	58	ug/Kg	U
SEE09201645ARM1	9/20/2010	1,1,2-Trichlorotrifluoroethane	48	ug/Kg	U
SEE10071042RCM1	10/7/2010	1,1,2-Trichlorotrifluoroethane	45	ug/Kg	U
SEE09061500PML1	9/6/2010	1,1,2-Trichlorotrifluoroethane	45	ug/Kg	U
SEE09301105JDF1	9/30/2010	1,1,2-Trichlorotrifluoroethane	42	ug/Kg	U
SEE09181705PML1	9/18/2010	1,1,2-Trichlorotrifluoroethane	42	ug/Kg	U
SEE09021400PML1	9/2/2010	1,1,2-Trichlorotrifluoroethane	41	ug/Kg	U
SEE08301130PML1	8/30/2010	1,1,2-Trichlorotrifluoroethane	41	ug/Kg	U
SEE10091401PML1	10/9/2010	1,1,2-Trichlorotrifluoroethane	40	ug/Kg	U
SEE10181035JDF1	10/18/2010	1,1,2-Trichlorotrifluoroethane	39	ug/Kg	U
SEE10051125PML1	10/5/2010	1,1,2-Trichlorotrifluoroethane	39	ug/Kg	U
SEE08311045PML1	8/31/2010	1,1,2-Trichlorotrifluoroethane	39	ug/Kg	U
SEE10141555ARM1	10/14/2010	1,1,2-Trichlorotrifluoroethane	38	ug/Kg	U

**TABLE B-2b**  
**Upstream Sediment Samples (Morrow Lake)**

Sample ID	Sample Date	Analyte	Result	Unit	Data Qualifier
SEE09101215PML1	9/10/2010	1,1,2-Trichlorotrifluoroethane	38	ug/Kg	U
SEE10161530JDF1	10/16/2010	1,1,2-Trichlorotrifluoroethane	37	ug/Kg	U
SEE10081115PML1	10/8/2010	1,1,2-Trichlorotrifluoroethane	37	ug/Kg	U
SEE09030925PML1	9/3/2010	1,1,2-Trichlorotrifluoroethane	37	ug/Kg	U
SEE09031115JAW1	9/3/2010	1,1,2-Trichlorotrifluoroethane	37	ug/Kg	U
SEE10171410JDF1	10/17/2010	1,1,2-Trichlorotrifluoroethane	36	ug/Kg	U
SEE09191530PML1	9/19/2010	1,1,2-Trichlorotrifluoroethane	36	ug/Kg	U
SEE09181235PML1	9/18/2010	1,1,2-Trichlorotrifluoroethane	36	ug/Kg	U
SEE09141135PML1	9/14/2010	1,1,2-Trichlorotrifluoroethane	36	ug/Kg	U
SEE09101022PML1	9/10/2010	1,1,2-Trichlorotrifluoroethane	36	ug/Kg	U
SEE10171115JDF1	10/17/2010	1,1,2-Trichlorotrifluoroethane	35	ug/Kg	U
SEE08311420PML1	8/31/2010	1,1,2-Trichlorotrifluoroethane	35	ug/Kg	U
SEE08311420PML1	8/31/2010	1,1,2-Trichlorotrifluoroethane	35	ug/Kg	U
SEE10041530JDF1	10/4/2010	1,1,2-Trichlorotrifluoroethane	34	ug/Kg	U
SEE09121105RCM1	9/12/2010	1,1,2-Trichlorotrifluoroethane	34	ug/Kg	U
SEE09011545PML1	9/1/2010	1,1,2-Trichlorotrifluoroethane	34	ug/Kg	U
SEE08301550PML1	8/30/2010	1,1,2-Trichlorotrifluoroethane	34	ug/Kg	U
SEE10181210JDF1	10/18/2010	1,1,2-Trichlorotrifluoroethane	33	ug/Kg	U
SEE10181430JWP1	10/18/2010	1,1,2-Trichlorotrifluoroethane	33	ug/Kg	U
SEE10181510JDF1	10/18/2010	1,1,2-Trichlorotrifluoroethane	33	ug/Kg	U
SEE10181510JDF1	10/18/2010	1,1,2-Trichlorotrifluoroethane	33	ug/Kg	U
SEE10131150JDF1	10/13/2010	1,1,2-Trichlorotrifluoroethane	33	ug/Kg	U
SEE10101010PML1	10/10/2010	1,1,2-Trichlorotrifluoroethane	33	ug/Kg	U
SEE10101215PML1	10/10/2010	1,1,2-Trichlorotrifluoroethane	33	ug/Kg	U
SEE10101215PML1	10/10/2010	1,1,2-Trichlorotrifluoroethane	33	ug/Kg	U
SEE09140945PML1	9/14/2010	1,1,2-Trichlorotrifluoroethane	33	ug/Kg	U
SEE09061525MHS1	9/6/2010	1,1,2-Trichlorotrifluoroethane	33	ug/Kg	U
SEE09051130PML1	9/5/2010	1,1,2-Trichlorotrifluoroethane	33	ug/Kg	U
SEE09031100PML1	9/3/2010	1,1,2-Trichlorotrifluoroethane	33	ug/Kg	U
SEE09021010PML1	9/2/2010	1,1,2-Trichlorotrifluoroethane	33	ug/Kg	U
SEE10031115JDF1	10/3/2010	1,1,2-Trichlorotrifluoroethane	32	ug/Kg	U
SEE10031115JDF1	10/3/2010	1,1,2-Trichlorotrifluoroethane	32	ug/Kg	U
SEE09301205RCM1	9/30/2010	1,1,2-Trichlorotrifluoroethane	32	ug/Kg	U
SEE09301255JDF1	9/30/2010	1,1,2-Trichlorotrifluoroethane	32	ug/Kg	U
SEE09231645JDF1	9/23/2010	1,1,2-Trichlorotrifluoroethane	32	ug/Kg	U
SEE09141515PML1	9/14/2010	1,1,2-Trichlorotrifluoroethane	32	ug/Kg	UJ
SEE09101625PML1	9/10/2010	1,1,2-Trichlorotrifluoroethane	32	ug/Kg	U
SEE09091005RCM1	9/9/2010	1,1,2-Trichlorotrifluoroethane	32	ug/Kg	U
SEE09061105PML1	9/6/2010	1,1,2-Trichlorotrifluoroethane	32	ug/Kg	U
SEE09031650PML1	9/3/2010	1,1,2-Trichlorotrifluoroethane	32	ug/Kg	U
SEE09031650PML1	9/3/2010	1,1,2-Trichlorotrifluoroethane	32	ug/Kg	U
SEE10081231PML1	10/8/2010	1,1,2-Trichlorotrifluoroethane	31	ug/Kg	U
SEE09231210JDF1	9/23/2010	1,1,2-Trichlorotrifluoroethane	31	ug/Kg	U
SEE09161045PML1	9/16/2010	1,1,2-Trichlorotrifluoroethane	31	ug/Kg	U
SEE09081205PML1	9/8/2010	1,1,2-Trichlorotrifluoroethane	31	ug/Kg	U
SEE09071050PML1	9/7/2010	1,1,2-Trichlorotrifluoroethane	31	ug/Kg	U
SEE08301145MHS1	8/30/2010	1,1,2-Trichlorotrifluoroethane	31	ug/Kg	U
SEE10161115ARM1	10/16/2010	1,1,2-Trichlorotrifluoroethane	30	ug/Kg	U
SEE10120930JDF1	10/12/2010	1,1,2-Trichlorotrifluoroethane	30	ug/Kg	U
SEE10071101PML1	10/7/2010	1,1,2-Trichlorotrifluoroethane	30	ug/Kg	U
SEE09261625JDF1	9/26/2010	1,1,2-Trichlorotrifluoroethane	30	ug/Kg	U
SEE09261625JDF1	9/26/2010	1,1,2-Trichlorotrifluoroethane	30	ug/Kg	U
SEE09131445RCM1	9/13/2010	1,1,2-Trichlorotrifluoroethane	30	ug/Kg	U
SEE09121055PML1	9/12/2010	1,1,2-Trichlorotrifluoroethane	30	ug/Kg	U
SEE09121055PML1	9/12/2010	1,1,2-Trichlorotrifluoroethane	30	ug/Kg	U
SEE09121436RCM1	9/12/2010	1,1,2-Trichlorotrifluoroethane	30	ug/Kg	U
SEE09091410RCM1	9/9/2010	1,1,2-Trichlorotrifluoroethane	30	ug/Kg	U
SEE09011050PML1	9/1/2010	1,1,2-Trichlorotrifluoroethane	30	ug/Kg	U
SEE10081051RCM1	10/8/2010	1,1,2-Trichlorotrifluoroethane	29	ug/Kg	U
SEE10061640PML1	10/6/2010	1,1,2-Trichlorotrifluoroethane	29	ug/Kg	U

**TABLE B-2b**  
**Upstream Sediment Samples (Morrow Lake)**

Sample ID	Sample Date	Analyte	Result	Unit	Data Qualifier
SEE10061640PML1	10/6/2010	1,1,2-Trichlorotrifluoroethane	29	ug/Kg	U
SEE10051653PML1	10/5/2010	1,1,2-Trichlorotrifluoroethane	29	ug/Kg	U
SEE09261215JDF1	9/26/2010	1,1,2-Trichlorotrifluoroethane	29	ug/Kg	U
SEE09231130ARM1	9/23/2010	1,1,2-Trichlorotrifluoroethane	29	ug/Kg	U
SEE09191040PML1	9/19/2010	1,1,2-Trichlorotrifluoroethane	29	ug/Kg	U
SEE09131026RCM1	9/13/2010	1,1,2-Trichlorotrifluoroethane	29	ug/Kg	U
SEE09131505PML1	9/13/2010	1,1,2-Trichlorotrifluoroethane	29	ug/Kg	U
SEE09040950PML1	9/4/2010	1,1,2-Trichlorotrifluoroethane	29	ug/Kg	U
SEE10011120JDF1	10/1/2010	1,1,2-Trichlorotrifluoroethane	28	ug/Kg	U
SEE09211155JDF1	9/21/2010	1,1,2-Trichlorotrifluoroethane	28	ug/Kg	U
SEE09171415PML1	9/17/2010	1,1,2-Trichlorotrifluoroethane	28	ug/Kg	U
SEE09151145PML1	9/15/2010	1,1,2-Trichlorotrifluoroethane	28	ug/Kg	U
SEE09151145PML1	9/15/2010	1,1,2-Trichlorotrifluoroethane	28	ug/Kg	U
SEE09131620PML1	9/13/2010	1,1,2-Trichlorotrifluoroethane	28	ug/Kg	U
SEE09121450PML1	9/12/2010	1,1,2-Trichlorotrifluoroethane	28	ug/Kg	U
SEE09091515PML1	9/9/2010	1,1,2-Trichlorotrifluoroethane	28	ug/Kg	U
SEE09081010PML1	9/8/2010	1,1,2-Trichlorotrifluoroethane	28	ug/Kg	U
SEE09081020RCM1	9/8/2010	1,1,2-Trichlorotrifluoroethane	28	ug/Kg	U
SEE09011255PML1	9/1/2010	1,1,2-Trichlorotrifluoroethane	28	ug/Kg	U
SEE08301015JRP1	8/30/2010	1,1,2-Trichlorotrifluoroethane	28	ug/Kg	U
SEE10091614PML1	10/9/2010	1,1,2-Trichlorotrifluoroethane	27	ug/Kg	U
SEE10061205PML1	10/6/2010	1,1,2-Trichlorotrifluoroethane	27	ug/Kg	U
SEE10041150JDF1	10/4/2010	1,1,2-Trichlorotrifluoroethane	27	ug/Kg	U
SEE09251135JDF1	9/25/2010	1,1,2-Trichlorotrifluoroethane	27	ug/Kg	U
SEE09221440JDF1	9/22/2010	1,1,2-Trichlorotrifluoroethane	27	ug/Kg	U
SEE09170839RCM1	9/17/2010	1,1,2-Trichlorotrifluoroethane	27	ug/Kg	U
SEE09151015PML1	9/15/2010	1,1,2-Trichlorotrifluoroethane	27	ug/Kg	U
SEE10141150JDF1	10/14/2010	1,1,2-Trichlorotrifluoroethane	26	ug/Kg	U
SEE10141550JDF1	10/14/2010	1,1,2-Trichlorotrifluoroethane	26	ug/Kg	U
SEE10141550JDF1	10/14/2010	1,1,2-Trichlorotrifluoroethane	26	ug/Kg	U
SEE10121155JDF1	10/12/2010	1,1,2-Trichlorotrifluoroethane	26	ug/Kg	U
SEE09271130JDF1	9/27/2010	1,1,2-Trichlorotrifluoroethane	26	ug/Kg	U
SEE09131125PML1	9/13/2010	1,1,2-Trichlorotrifluoroethane	26	ug/Kg	U
SEE09091010PML1	9/9/2010	1,1,2-Trichlorotrifluoroethane	26	ug/Kg	U
SEE09091145PML1	9/9/2010	1,1,2-Trichlorotrifluoroethane	26	ug/Kg	U
SEE09091410PML1	9/9/2010	1,1,2-Trichlorotrifluoroethane	26	ug/Kg	U
SEE09061130MHS1	9/6/2010	1,1,2-Trichlorotrifluoroethane	26	ug/Kg	U
SEE09011145PML1	9/1/2010	1,1,2-Trichlorotrifluoroethane	26	ug/Kg	U
SEE08301638MHS1	8/30/2010	1,1,2-Trichlorotrifluoroethane	26	ug/Kg	U
SEE10151055ARM1	10/15/2010	1,1,2-Trichlorotrifluoroethane	25	ug/Kg	U
SEE10121415ARM1	10/12/2010	1,1,2-Trichlorotrifluoroethane	25	ug/Kg	U
SEE10111125JDF1	10/11/2010	1,1,2-Trichlorotrifluoroethane	25	ug/Kg	U
SEE10031425JDF1	10/3/2010	1,1,2-Trichlorotrifluoroethane	25	ug/Kg	U
SEE09291035JDF1	9/29/2010	1,1,2-Trichlorotrifluoroethane	25	ug/Kg	U
SEE09220935RCM1	9/22/2010	1,1,2-Trichlorotrifluoroethane	25	ug/Kg	U
SEE09111015PML1	9/11/2010	1,1,2-Trichlorotrifluoroethane	25	ug/Kg	U
SEE09051015PML1	9/5/2010	1,1,2-Trichlorotrifluoroethane	25	ug/Kg	U
SEE08301445JRP1	8/30/2010	1,1,2-Trichlorotrifluoroethane	25	ug/Kg	U
SEE10161415JDF1	10/16/2010	1,1,2-Trichlorotrifluoroethane	24	ug/Kg	U
SEE10040945JDF1	10/4/2010	1,1,2-Trichlorotrifluoroethane	24	ug/Kg	U
SEE09230955RCM1	9/23/2010	1,1,2-Trichlorotrifluoroethane	24	ug/Kg	U
SEE09211530JDF1	9/21/2010	1,1,2-Trichlorotrifluoroethane	24	ug/Kg	U
SEE09170945PML1	9/17/2010	1,1,2-Trichlorotrifluoroethane	24	ug/Kg	U
SEE09171125PML1	9/17/2010	1,1,2-Trichlorotrifluoroethane	24	ug/Kg	U
SEE09130955JRP1	9/13/2010	1,1,2-Trichlorotrifluoroethane	24	ug/Kg	U
SEE09091605PML1	9/9/2010	1,1,2-Trichlorotrifluoroethane	24	ug/Kg	U
SEE09041350PML1	9/4/2010	1,1,2-Trichlorotrifluoroethane	24	ug/Kg	U
SEE10071205PML1	10/7/2010	1,1,2-Trichlorotrifluoroethane	23	ug/Kg	U
SEE10071540PML1	10/7/2010	1,1,2-Trichlorotrifluoroethane	23	ug/Kg	U
SEE10041335JDF1	10/4/2010	1,1,2-Trichlorotrifluoroethane	23	ug/Kg	U



**TABLE B-2b**  
**Upstream Sediment Samples (Morrow Lake)**

Sample ID	Sample Date	Analyte	Result	Unit	Data Qualifier
SEE09271025ARM1	9/27/2010	1,1,2-Trichlorotrifluoroethane	23	ug/Kg	U
SEE09171530PML1	9/17/2010	1,1,2-Trichlorotrifluoroethane	23	ug/Kg	U
SEE09051430PML1	9/5/2010	1,1,2-Trichlorotrifluoroethane	23	ug/Kg	U
SEE10150945JDF1	10/15/2010	1,1,2-Trichlorotrifluoroethane	22	ug/Kg	U
SEE10111011JDF1	10/11/2010	1,1,2-Trichlorotrifluoroethane	22	ug/Kg	U
SEE10111350JDF1	10/11/2010	1,1,2-Trichlorotrifluoroethane	22	ug/Kg	U
SEE10061051RCM1	10/6/2010	1,1,2-Trichlorotrifluoroethane	22	ug/Kg	U
SEE10041355ARM1	10/4/2010	1,1,2-Trichlorotrifluoroethane	22	ug/Kg	U
SEE09271515JDF1	9/27/2010	1,1,2-Trichlorotrifluoroethane	22	ug/Kg	U
SEE09221105JDF1	9/22/2010	1,1,2-Trichlorotrifluoroethane	22	ug/Kg	U
SEE09130940PML1	9/13/2010	1,1,2-Trichlorotrifluoroethane	22	ug/Kg	U
SEE10121030JDF1	10/12/2010	1,1,2-Trichlorotrifluoroethane	21	ug/Kg	U
SEE09290925JDF1	9/29/2010	1,1,2-Trichlorotrifluoroethane	21	ug/Kg	U
SEE09091025JRP1	9/9/2010	1,1,2-Trichlorotrifluoroethane	21	ug/Kg	U
SEE09011635PML1	9/1/2010	1,1,2-Trichlorotrifluoroethane	21	ug/Kg	U
SEE08301520JRP1	8/30/2010	1,1,2-Trichlorotrifluoroethane	21	ug/Kg	U
SEE08261445JRP1	8/26/2010	1,1,2-Trichlorotrifluoroethane	21	ug/Kg	U
SEE10161055JDF1	10/16/2010	1,1,2-Trichlorotrifluoroethane	20	ug/Kg	U
SEE10151355ARM1	10/15/2010	1,1,2-Trichlorotrifluoroethane	20	ug/Kg	U
SEE10071415ARM1	10/7/2010	1,1,2-Trichlorotrifluoroethane	20	ug/Kg	U
SEE09031140MHS1	9/3/2010	1,1,2-Trichlorotrifluoroethane	20	ug/Kg	U
SEE10041050JDF1	10/4/2010	1,1,2-Trichlorotrifluoroethane	19	ug/Kg	U
SEE09301255MAE1	9/30/2010	1,1,2-Trichlorotrifluoroethane	19	ug/Kg	U
SEE09291645JDF1	9/29/2010	1,1,2-Trichlorotrifluoroethane	19	ug/Kg	U
SEE09051550MHS1	9/5/2010	1,1,2-Trichlorotrifluoroethane	19	ug/Kg	U
SEE09031645MHS1	9/3/2010	1,1,2-Trichlorotrifluoroethane	19	ug/Kg	U
SEE10041138RCM1	10/4/2010	1,1,2-Trichlorotrifluoroethane	18	ug/Kg	U
SEE09221615JDF1	9/22/2010	1,1,2-Trichlorotrifluoroethane	18	ug/Kg	U
SEE09191445RCM1	9/19/2010	1,1,2-Trichlorotrifluoroethane	18	ug/Kg	U
SEE08311010JRP1	8/31/2010	1,1,2-Trichlorotrifluoroethane	18	ug/Kg	U
SEE09250905RCM1	9/25/2010	1,1,2-Trichlorotrifluoroethane	17	ug/Kg	U
SEE09200911RCM1	9/20/2010	1,1,2-Trichlorotrifluoroethane	17	ug/Kg	U
SEE09090900JRP1	9/9/2010	1,1,2-Trichlorotrifluoroethane	17	ug/Kg	U
SEE09011545MHS1	9/1/2010	1,1,2-Trichlorotrifluoroethane	17	ug/Kg	U
SEE10170915JDF1	10/17/2010	1,1,2-Trichlorotrifluoroethane	16	ug/Kg	U
SEE09291135JDF1	9/29/2010	1,1,2-Trichlorotrifluoroethane	16	ug/Kg	U
SEE09260930RCM1	9/26/2010	1,1,2-Trichlorotrifluoroethane	16	ug/Kg	U
SEE09201110ARM1	9/20/2010	1,1,2-Trichlorotrifluoroethane	15	ug/Kg	U
SEE08301530JAW1	8/30/2010	1,1,2-Trichlorotrifluoroethane	15	ug/Kg	U
SEE10071151RCM1	10/7/2010	1,1,2-Trichlorotrifluoroethane	14	ug/Kg	U
SEE09211112RCM1	9/21/2010	1,1,2-Trichlorotrifluoroethane	14	ug/Kg	U
SEE08311348MHS1	8/31/2010	1,1,2-Trichlorotrifluoroethane	14	ug/Kg	U
SEE08300920JRP1	8/30/2010	1,1,2-Trichlorotrifluoroethane	14	ug/Kg	U
SEE10141025ARM1	10/14/2010	1,1,2-Trichlorotrifluoroethane	12	ug/Kg	U
SEE09130915JRP1	9/13/2010	1,1,2-Trichlorotrifluoroethane	12	ug/Kg	U
SEE10091200ARM1	10/9/2010	1,1,2-Trichlorotrifluoroethane	11	ug/Kg	U
SEE09291023RCM1	9/29/2010	1,1,2-Trichlorotrifluoroethane	11	ug/Kg	U
SEE09171445RCM1	9/17/2010	1,1,2-Trichlorotrifluoroethane	11	ug/Kg	U
SEE09161035RCM1	9/16/2010	1,1,2-Trichlorotrifluoroethane	11	ug/Kg	U
SEE09141312RCM1	9/14/2010	1,1,2-Trichlorotrifluoroethane	10	ug/Kg	UJ
SEE10051415ARM1	10/5/2010	1,1,2-Trichlorotrifluoroethane	8.7	ug/Kg	U
SEE09061610JAW1	9/6/2010	1,1,2-Trichlorotrifluoroethane	8.5	ug/Kg	U
SEE10011125ARM1	10/1/2010	1,1,2-Trichlorotrifluoroethane	8.2	ug/Kg	U
SEE08261700JRP1	8/26/2010	1,1,2-Trichlorotrifluoroethane	8.2	ug/Kg	U
SEE09051500MHS1	9/5/2010	1,1,2-Trichlorotrifluoroethane	8.0	ug/Kg	U
SEE10171535ARM1	10/17/2010	1,1,2-Trichlorotrifluoroethane	7.9	ug/Kg	U
SEE09231035ARM1	9/23/2010	1,1,2-Trichlorotrifluoroethane	7.9	ug/Kg	U
SEE09171200ARM1	9/17/2010	1,1,2-Trichlorotrifluoroethane	7.9	ug/Kg	U
SEE10081035ARM1	10/8/2010	1,1,2-Trichlorotrifluoroethane	7.6	ug/Kg	U
SEE09100945RCM1	9/10/2010	1,1,2-Trichlorotrifluoroethane	7.5	ug/Kg	U

**TABLE B-2b**  
**Upstream Sediment Samples (Morrow Lake)**

Sample ID	Sample Date	Analyte	Result	Unit	Data Qualifier
SEE09211120ARM1	9/21/2010	1,1,2-Trichlorotrifluoroethane	7.4	ug/Kg	U
SEB09011143JLS1	9/1/2010	1,1,2-Trichlorotrifluoroethane	7.1	ug/Kg	U
SEE08301410JRP1	8/30/2010	1,1,2-Trichlorotrifluoroethane	7.0	ug/Kg	U
SEE09281445RCM1	9/28/2010	1,1,2-Trichlorotrifluoroethane	6.5	ug/Kg	U
SEE09271500ARM1	9/27/2010	1,1,2-Trichlorotrifluoroethane	6.2	ug/Kg	U
SEE09170935RCM1	9/17/2010	1,1,2-Trichlorotrifluoroethane	6.1	ug/Kg	U
SEF10011045TDF1	10/1/2010	1,1,2-Trichlorotrifluoroethane	6.0	ug/Kg	U
SEE09150915JRP1	9/15/2010	1,1,2-Trichlorotrifluoroethane	6.0	ug/Kg	U
SEE10011043RCM1	10/1/2010	1,1,2-Trichlorotrifluoroethane	5.8	ug/Kg	U
SEE09290915MAE1	9/29/2010	1,1,2-Trichlorotrifluoroethane	5.8	ug/Kg	U
SEE10131035ARM1	10/13/2010	1,1,2-Trichlorotrifluoroethane	5.5	ug/Kg	U
SEE10071045ARM1	10/7/2010	1,1,2-Trichlorotrifluoroethane	5.5	ug/Kg	U
SEE10041045ARM1	10/4/2010	1,1,2-Trichlorotrifluoroethane	5.5	ug/Kg	U
SEF10151030PMB3	10/15/2010	1,1,2-Trichlorotrifluoroethane	5.4	ug/Kg	U
SEF10081108TDF3	10/8/2010	1,1,2-Trichlorotrifluoroethane	5.4	ug/Kg	U
SEE09251235ARM1	9/25/2010	1,1,2-Trichlorotrifluoroethane	5.4	ug/Kg	U
SEF10051206TDF3	10/5/2010	1,1,2-Trichlorotrifluoroethane	5.3	ug/Kg	U
SEE09140945JRP1	9/14/2010	1,1,2-Trichlorotrifluoroethane	5.3	ug/Kg	UJ
SEE09080930JRP1	9/8/2010	1,1,2-Trichlorotrifluoroethane	5.3	ug/Kg	U
SEE09011515JAW1	9/1/2010	1,1,2-Trichlorotrifluoroethane	5.3	ug/Kg	U
SEE08301100JRP1	8/30/2010	1,1,2-Trichlorotrifluoroethane	5.3	ug/Kg	U
SEE10121040ARM1	10/12/2010	1,1,2-Trichlorotrifluoroethane	5.2	ug/Kg	U
SEF10121130PMB3	10/12/2010	1,1,2-Trichlorotrifluoroethane	5.2	ug/Kg	U
SEE09221045ARM1	9/22/2010	1,1,2-Trichlorotrifluoroethane	5.2	ug/Kg	U
SEE09100920JRP1	9/10/2010	1,1,2-Trichlorotrifluoroethane	5.1	ug/Kg	U
SEE09301025MAE1	9/30/2010	1,1,2-Trichlorotrifluoroethane	5.0	ug/Kg	U
SEE09051500JAW1	9/5/2010	1,1,2-Trichlorotrifluoroethane	5.0	ug/Kg	U
SEE10051145RCM1	10/5/2010	1,1,2-Trichlorotrifluoroethane	4.9	ug/Kg	U
SEE09070930JRP1	9/7/2010	1,1,2-Trichlorotrifluoroethane	4.9	ug/Kg	U
SEE10061135ARM1	10/6/2010	1,1,2-Trichlorotrifluoroethane	4.8	ug/Kg	U
SEE10181030JWP1	10/18/2010	1,1,2-Trichlorotrifluoroethane	4.6	ug/Kg	U
SEF09281139TDF1	9/28/2010	1,1,2-Trichlorotrifluoroethane	4.3	ug/Kg	U
SEE09231205RCM1	9/23/2010	1,1,2-Trichlorotrifluoroethane	3.3	ug/Kg	U
SEE08271145RCM1	8/27/2010	1,1'-Biphenyl	1600	ug/kg	U
SEE08261620RCM1	8/26/2010	1,1'-Biphenyl	1400	ug/kg	U
SEE08261420RCM1	8/26/2010	1,1'-Biphenyl	1200	ug/kg	U
SEE08281607TWH1	8/28/2010	1,1'-Biphenyl	830	ug/kg	U
SEE08281630RCM1	8/28/2010	1,1'-Biphenyl	830	ug/kg	U
SEE08281505PML1	8/28/2010	1,1'-Biphenyl	730	ug/kg	U
SEE08271215PML1	8/27/2010	1,1'-Biphenyl	720	ug/kg	U
SEE08271614TWH1	8/27/2010	1,1'-Biphenyl	690	ug/kg	U
SEE08271500PML1	8/27/2010	1,1'-Biphenyl	660	ug/kg	U
SEE08291110PML1	8/29/2010	1,1'-Biphenyl	590	ug/kg	U
SEE08281215PML1	8/28/2010	1,1'-Biphenyl	570	ug/kg	U
SEE08281420TWH1	8/28/2010	1,1'-Biphenyl	570	ug/kg	U
SEE08281510TWH1	8/28/2010	1,1'-Biphenyl	540	ug/kg	U
SEE08291421KAP1	8/29/2010	1,1'-Biphenyl	510	ug/kg	U
SEE08271652TWH1	8/27/2010	1,1'-Biphenyl	500	ug/kg	U
SEE08291550KAP1	8/29/2010	1,1'-Biphenyl	410	ug/kg	U
SEE08291354KAP1	8/29/2010	1,1'-Biphenyl	330	ug/kg	U
SEE08291445PML1	8/29/2010	1,1'-Biphenyl	270	ug/kg	U
SEE08271445JRP1	8/27/2010	1,1'-Biphenyl	230	ug/kg	U
SEE08271536TWH1	8/27/2010	1,1'-Biphenyl	220	ug/kg	U
SEB08281400JLS1	8/28/2010	1,1'-Biphenyl	210	ug/kg	U
SEE08281540JRP1	8/28/2010	1,1'-Biphenyl	210	ug/kg	U
ML-07-S-081810	8/18/2010	1,1'-Biphenyl	0.37	mg/Kg	UJ
ML-06-S-082310	8/23/2010	1,1'-Biphenyl	0.33	mg/Kg	U
ML-04-S-081710	8/17/2010	1,1'-Biphenyl	0.32	mg/Kg	U
ML-04-S-082610	8/26/2010	1,1'-Biphenyl	0.31	mg/Kg	U
ML-03-S-082310	8/23/2010	1,1'-Biphenyl	0.31	mg/Kg	U

**TABLE B-2b**  
**Upstream Sediment Samples (Morrow Lake)**

Sample ID	Sample Date	Analyte	Result	Unit	Data Qualifier
ML-10-S-081910	8/19/2010	1,1'-Biphenyl	0.31	mg/Kg	U
ML-10-S-081910	8/19/2010	1,1'-Biphenyl	0.31	mg/Kg	U
ML-09-S-081810	8/18/2010	1,1'-Biphenyl	0.31	mg/Kg	UJ
ML-06-S-081710	8/17/2010	1,1'-Biphenyl	0.31	mg/Kg	U
ML-10-S-082610	8/26/2010	1,1'-Biphenyl	0.30	mg/Kg	U
ML-10-S-082610	8/26/2010	1,1'-Biphenyl	0.30	mg/Kg	U
ML-05-S-082310	8/23/2010	1,1'-Biphenyl	0.28	mg/Kg	U
ML-01-S-081910	8/19/2010	1,1'-Biphenyl	0.27	mg/Kg	U
ML-05-S-081710	8/17/2010	1,1'-Biphenyl	0.26	mg/Kg	U
ML-02-S-082310	8/23/2010	1,1'-Biphenyl	0.25	mg/Kg	U
ML-02-S-081710	8/17/2010	1,1'-Biphenyl	0.24	mg/Kg	U
ML-06-S-082510	8/25/2010	1,1'-Biphenyl	0.18	mg/Kg	U
ML-07-S-082410	8/24/2010	1,1'-Biphenyl	0.18	mg/Kg	UJ
ML-07-S-082110	8/21/2010	1,1'-Biphenyl	0.18	mg/Kg	U
ML-05-S-082610	8/26/2010	1,1'-Biphenyl	0.17	mg/Kg	U
ML-07-S-082510	8/25/2010	1,1'-Biphenyl	0.17	mg/Kg	U
ML-08-S-082110	8/21/2010	1,1'-Biphenyl	0.17	mg/Kg	U
ML-07-S-081610	8/16/2010	1,1'-Biphenyl	0.17	mg/Kg	U
ML-08-S-081610	8/16/2010	1,1'-Biphenyl	0.17	mg/Kg	U
ML-08-S-082510	8/25/2010	1,1'-Biphenyl	0.16	mg/Kg	U
ML-08-S-082410	8/24/2010	1,1'-Biphenyl	0.16	mg/Kg	UJ
ML-06-S-082010	8/20/2010	1,1'-Biphenyl	0.16	mg/Kg	U
ML-01-S-081610	8/16/2010	1,1'-Biphenyl	0.16	mg/Kg	U
ML-01-S-082510	8/25/2010	1,1'-Biphenyl	0.15	mg/Kg	U
ML-09-S-082510	8/25/2010	1,1'-Biphenyl	0.15	mg/Kg	U
ML-04-S-082410	8/24/2010	1,1'-Biphenyl	0.15	mg/Kg	UJ
ML-10-S-082410	8/24/2010	1,1'-Biphenyl	0.15	mg/Kg	UJ
ML-10-S-082410	8/24/2010	1,1'-Biphenyl	0.15	mg/Kg	UJ
ML-09-S-082110	8/21/2010	1,1'-Biphenyl	0.15	mg/Kg	U
ML-10-S-082110	8/21/2010	1,1'-Biphenyl	0.15	mg/Kg	U
ML-10-S-082110	8/21/2010	1,1'-Biphenyl	0.15	mg/Kg	U
ML-05-S-082010	8/20/2010	1,1'-Biphenyl	0.15	mg/Kg	U
ML-10-S-081610	8/16/2010	1,1'-Biphenyl	0.15	mg/Kg	U
ML-10-S-081610	8/16/2010	1,1'-Biphenyl	0.15	mg/Kg	U
ML-02-S-082510	8/25/2010	1,1'-Biphenyl	0.14	mg/Kg	U
ML-09-S-082410	8/24/2010	1,1'-Biphenyl	0.14	mg/Kg	UJ
ML-01-S-082110	8/21/2010	1,1'-Biphenyl	0.14	mg/Kg	U
ML-03-S-082510	8/25/2010	1,1'-Biphenyl	0.13	mg/Kg	U
ML-02-S-082010	8/20/2010	1,1'-Biphenyl	0.13	mg/Kg	U
ML-03-S-082010	8/20/2010	1,1'-Biphenyl	0.13	mg/Kg	U
ML-04-S-082010	8/20/2010	1,1'-Biphenyl	0.13	mg/Kg	U
ML-03-S-081610	8/16/2010	1,1'-Biphenyl	0.12	mg/Kg	U
SEE10211035JDF1	10/21/2010	1,1-Dichloroethane	620	ug/Kg	U
SEE10191515JDF1	10/19/2010	1,1-Dichloroethane	560	ug/Kg	U
SEE10211430JDF1	10/21/2010	1,1-Dichloroethane	540	ug/Kg	U
SEE10191005JDF1	10/19/2010	1,1-Dichloroethane	540	ug/Kg	U
SEE10221110JDF1	10/22/2010	1,1-Dichloroethane	530	ug/Kg	U
SEE10221110JDF1	10/22/2010	1,1-Dichloroethane	530	ug/Kg	U
SEE10191415JDF1	10/19/2010	1,1-Dichloroethane	510	ug/Kg	U
SEE10191155JDF1	10/19/2010	1,1-Dichloroethane	490	ug/Kg	U
SEE10211010JWP1	10/21/2010	1,1-Dichloroethane	470	ug/Kg	U
SEE10191100JDF1	10/19/2010	1,1-Dichloroethane	470	ug/Kg	U
SEE10221055DWS1	10/22/2010	1,1-Dichloroethane	450	ug/Kg	U
SEE10191010JWP1	10/19/2010	1,1-Dichloroethane	450	ug/Kg	U
SEE10221450DWS1	10/22/2010	1,1-Dichloroethane	240	ug/Kg	U
SEE10211345JWP1	10/21/2010	1,1-Dichloroethane	220	ug/Kg	U
SEF10221050MAE3	10/22/2010	1,1-Dichloroethane	150	ug/Kg	U
SEF10191135NAC3	10/19/2010	1,1-Dichloroethane	150	ug/Kg	U
SEE10141015JDF1	10/14/2010	1,1-Dichloroethane	140	ug/Kg	U
SEE10191115JWP1	10/19/2010	1,1-Dichloroethane	130	ug/Kg	U

**TABLE B-2b**  
**Upstream Sediment Samples (Morrow Lake)**

Sample ID	Sample Date	Analyte	Result	Unit	Data Qualifier
SEE09200945PML1	9/20/2010	1,1-Dichloroethane	60	ug/Kg	U
SEE09200945PML1	9/20/2010	1,1-Dichloroethane	60	ug/Kg	U
SEE09201115RCM1	9/20/2010	1,1-Dichloroethane	58	ug/Kg	U
SEE09201645ARM1	9/20/2010	1,1-Dichloroethane	48	ug/Kg	U
SEE10071042RCM1	10/7/2010	1,1-Dichloroethane	45	ug/Kg	U
SEE09061500PML1	9/6/2010	1,1-Dichloroethane	45	ug/Kg	U
SEE08281607TWH1	8/28/2010	1,1-Dichloroethane	44	ug/kg	U
SEE09301105JDF1	9/30/2010	1,1-Dichloroethane	42	ug/Kg	U
SEE09181705PML1	9/18/2010	1,1-Dichloroethane	42	ug/Kg	U
SEE09021400PML1	9/2/2010	1,1-Dichloroethane	41	ug/Kg	U
SEE08301130PML1	8/30/2010	1,1-Dichloroethane	41	ug/Kg	U
SEE10091401PML1	10/9/2010	1,1-Dichloroethane	40	ug/Kg	U
SEE10181035JDF1	10/18/2010	1,1-Dichloroethane	39	ug/Kg	U
SEE10051125PML1	10/5/2010	1,1-Dichloroethane	39	ug/Kg	U
SEE08311045PML1	8/31/2010	1,1-Dichloroethane	39	ug/Kg	U
SEE10141555ARM1	10/14/2010	1,1-Dichloroethane	38	ug/Kg	U
SEE09101215PML1	9/10/2010	1,1-Dichloroethane	38	ug/Kg	U
SEE10161530JDF1	10/16/2010	1,1-Dichloroethane	37	ug/Kg	U
SEE10081115PML1	10/8/2010	1,1-Dichloroethane	37	ug/Kg	U
SEE09030925PML1	9/3/2010	1,1-Dichloroethane	37	ug/Kg	U
SEE09031115JAW1	9/3/2010	1,1-Dichloroethane	37	ug/Kg	U
SEE08281505PML1	8/28/2010	1,1-Dichloroethane	37	ug/kg	U
SEE10171410JDF1	10/17/2010	1,1-Dichloroethane	36	ug/Kg	U
SEE09191530PML1	9/19/2010	1,1-Dichloroethane	36	ug/Kg	U
SEE09181235PML1	9/18/2010	1,1-Dichloroethane	36	ug/Kg	U
SEE09141135PML1	9/14/2010	1,1-Dichloroethane	36	ug/Kg	U
SEE09101022PML1	9/10/2010	1,1-Dichloroethane	36	ug/Kg	U
SEE10171115JDF1	10/17/2010	1,1-Dichloroethane	35	ug/Kg	U
SEE08311420PML1	8/31/2010	1,1-Dichloroethane	35	ug/Kg	U
SEE08311420PML1	8/31/2010	1,1-Dichloroethane	35	ug/Kg	U
SEE08271215PML1	8/27/2010	1,1-Dichloroethane	35	ug/kg	U
SEE10041530JDF1	10/4/2010	1,1-Dichloroethane	34	ug/Kg	U
SEE09121105RCM1	9/12/2010	1,1-Dichloroethane	34	ug/Kg	U
SEE09011545PML1	9/1/2010	1,1-Dichloroethane	34	ug/Kg	U
SEE08301550PML1	8/30/2010	1,1-Dichloroethane	34	ug/Kg	U
SEE10181210JDF1	10/18/2010	1,1-Dichloroethane	33	ug/Kg	U
SEE10181430JWP1	10/18/2010	1,1-Dichloroethane	33	ug/Kg	U
SEE10181510JDF1	10/18/2010	1,1-Dichloroethane	33	ug/Kg	U
SEE10181510JDF1	10/18/2010	1,1-Dichloroethane	33	ug/Kg	U
SEE10131150JDF1	10/13/2010	1,1-Dichloroethane	33	ug/Kg	U
SEE10101010PML1	10/10/2010	1,1-Dichloroethane	33	ug/Kg	U
SEE10101215PML1	10/10/2010	1,1-Dichloroethane	33	ug/Kg	U
SEE10101215PML1	10/10/2010	1,1-Dichloroethane	33	ug/Kg	U
SEE09140945PML1	9/14/2010	1,1-Dichloroethane	33	ug/Kg	U
SEE09061525MHS1	9/6/2010	1,1-Dichloroethane	33	ug/Kg	U
SEE09051130PML1	9/5/2010	1,1-Dichloroethane	33	ug/Kg	U
SEE09031100PML1	9/3/2010	1,1-Dichloroethane	33	ug/Kg	U
SEE09021010PML1	9/2/2010	1,1-Dichloroethane	33	ug/Kg	U
SEE08281630RCM1	8/28/2010	1,1-Dichloroethane	33	ug/kg	U
SEE10031115JDF1	10/3/2010	1,1-Dichloroethane	32	ug/Kg	U
SEE10031115JDF1	10/3/2010	1,1-Dichloroethane	32	ug/Kg	U
SEE09301205RCM1	9/30/2010	1,1-Dichloroethane	32	ug/Kg	U
SEE09301255JDF1	9/30/2010	1,1-Dichloroethane	32	ug/Kg	U
SEE09231645JDF1	9/23/2010	1,1-Dichloroethane	32	ug/Kg	U
SEE09141515PML1	9/14/2010	1,1-Dichloroethane	32	ug/Kg	U
SEE09101625PML1	9/10/2010	1,1-Dichloroethane	32	ug/Kg	U
SEE09091005RCM1	9/9/2010	1,1-Dichloroethane	32	ug/Kg	U
SEE09061105PML1	9/6/2010	1,1-Dichloroethane	32	ug/Kg	U
SEE09031650PML1	9/3/2010	1,1-Dichloroethane	32	ug/Kg	U
SEE09031650PML1	9/3/2010	1,1-Dichloroethane	32	ug/Kg	U

**TABLE B-2b**  
**Upstream Sediment Samples (Morrow Lake)**

Sample ID	Sample Date	Analyte	Result	Unit	Data Qualifier
SEE10081231PML1	10/8/2010	1,1-Dichloroethane	31	ug/Kg	U
SEE09231210JDF1	9/23/2010	1,1-Dichloroethane	31	ug/Kg	U
SEE09161045PML1	9/16/2010	1,1-Dichloroethane	31	ug/Kg	U
SEE09081205PML1	9/8/2010	1,1-Dichloroethane	31	ug/Kg	U
SEE09071050PML1	9/7/2010	1,1-Dichloroethane	31	ug/Kg	U
SEE08301145MHS1	8/30/2010	1,1-Dichloroethane	31	ug/Kg	U
SEE10161115ARM1	10/16/2010	1,1-Dichloroethane	30	ug/Kg	U
SEE10120930JDF1	10/12/2010	1,1-Dichloroethane	30	ug/Kg	U
SEE10071101PML1	10/7/2010	1,1-Dichloroethane	30	ug/Kg	U
SEE09261625JDF1	9/26/2010	1,1-Dichloroethane	30	ug/Kg	U
SEE09261625JDF1	9/26/2010	1,1-Dichloroethane	30	ug/Kg	U
SEE09131445RCM1	9/13/2010	1,1-Dichloroethane	30	ug/Kg	U
SEE09121055PML1	9/12/2010	1,1-Dichloroethane	30	ug/Kg	U
SEE09121055PML1	9/12/2010	1,1-Dichloroethane	30	ug/Kg	U
SEE09121436RCM1	9/12/2010	1,1-Dichloroethane	30	ug/Kg	U
SEE09091410RCM1	9/9/2010	1,1-Dichloroethane	30	ug/Kg	U
SEE09011050PML1	9/1/2010	1,1-Dichloroethane	30	ug/Kg	U
SEE10081051RCM1	10/8/2010	1,1-Dichloroethane	29	ug/Kg	U
SEE10061640PML1	10/6/2010	1,1-Dichloroethane	29	ug/Kg	U
SEE10061640PML1	10/6/2010	1,1-Dichloroethane	29	ug/Kg	U
SEE10051653PML1	10/5/2010	1,1-Dichloroethane	29	ug/Kg	U
SEE09261215JDF1	9/26/2010	1,1-Dichloroethane	29	ug/Kg	U
SEE09231130ARM1	9/23/2010	1,1-Dichloroethane	29	ug/Kg	U
SEE09191040PML1	9/19/2010	1,1-Dichloroethane	29	ug/Kg	U
SEE09131026RCM1	9/13/2010	1,1-Dichloroethane	29	ug/Kg	U
SEE09131505PML1	9/13/2010	1,1-Dichloroethane	29	ug/Kg	U
SEE09040950PML1	9/4/2010	1,1-Dichloroethane	29	ug/Kg	U
SEE10011120JDF1	10/1/2010	1,1-Dichloroethane	28	ug/Kg	U
SEE09211155JDF1	9/21/2010	1,1-Dichloroethane	28	ug/Kg	U
SEE09171415PML1	9/17/2010	1,1-Dichloroethane	28	ug/Kg	U
SEE09151145PML1	9/15/2010	1,1-Dichloroethane	28	ug/Kg	U
SEE09151145PML1	9/15/2010	1,1-Dichloroethane	28	ug/Kg	U
SEE09131620PML1	9/13/2010	1,1-Dichloroethane	28	ug/Kg	U
SEE09121450PML1	9/12/2010	1,1-Dichloroethane	28	ug/Kg	U
SEE09091515PML1	9/9/2010	1,1-Dichloroethane	28	ug/Kg	U
SEE09081010PML1	9/8/2010	1,1-Dichloroethane	28	ug/Kg	U
SEE09081020RCM1	9/8/2010	1,1-Dichloroethane	28	ug/Kg	U
SEE09011255PML1	9/1/2010	1,1-Dichloroethane	28	ug/Kg	U
SEE08301015JRP1	8/30/2010	1,1-Dichloroethane	28	ug/Kg	U
SEE08261420RCM1	8/26/2010	1,1-Dichloroethane	28	ug/kg	U
SEE10091614PML1	10/9/2010	1,1-Dichloroethane	27	ug/Kg	U
SEE10061205PML1	10/6/2010	1,1-Dichloroethane	27	ug/Kg	U
SEE10041150JDF1	10/4/2010	1,1-Dichloroethane	27	ug/Kg	U
SEE09251135JDF1	9/25/2010	1,1-Dichloroethane	27	ug/Kg	U
SEE09221440JDF1	9/22/2010	1,1-Dichloroethane	27	ug/Kg	U
SEE09170839RCM1	9/17/2010	1,1-Dichloroethane	27	ug/Kg	U
SEE09151015PML1	9/15/2010	1,1-Dichloroethane	27	ug/Kg	U
SEE08291110PML1	8/29/2010	1,1-Dichloroethane	27	ug/kg	U
SEE10141150JDF1	10/14/2010	1,1-Dichloroethane	26	ug/Kg	U
SEE10141550JDF1	10/14/2010	1,1-Dichloroethane	26	ug/Kg	U
SEE10141550JDF1	10/14/2010	1,1-Dichloroethane	26	ug/Kg	U
SEE10121155JDF1	10/12/2010	1,1-Dichloroethane	26	ug/Kg	U
SEE09271130JDF1	9/27/2010	1,1-Dichloroethane	26	ug/Kg	U
SEE09131125PML1	9/13/2010	1,1-Dichloroethane	26	ug/Kg	U
SEE09091010PML1	9/9/2010	1,1-Dichloroethane	26	ug/Kg	U
SEE09091145PML1	9/9/2010	1,1-Dichloroethane	26	ug/Kg	U
SEE09091410PML1	9/9/2010	1,1-Dichloroethane	26	ug/Kg	U
SEE09061130MHS1	9/6/2010	1,1-Dichloroethane	26	ug/Kg	U
SEE09011145PML1	9/1/2010	1,1-Dichloroethane	26	ug/Kg	U
SEE08301638MHS1	8/30/2010	1,1-Dichloroethane	26	ug/Kg	U

**TABLE B-2b**  
**Upstream Sediment Samples (Morrow Lake)**

Sample ID	Sample Date	Analyte	Result	Unit	Data Qualifier
SEE10151055ARM1	10/15/2010	1,1-Dichloroethane	25	ug/Kg	U
SEE10121415ARM1	10/12/2010	1,1-Dichloroethane	25	ug/Kg	U
SEE10111125JDF1	10/11/2010	1,1-Dichloroethane	25	ug/Kg	U
SEE10031425JDF1	10/3/2010	1,1-Dichloroethane	25	ug/Kg	U
SEE09291035JDF1	9/29/2010	1,1-Dichloroethane	25	ug/Kg	U
SEE09220935RCM1	9/22/2010	1,1-Dichloroethane	25	ug/Kg	U
SEE09111015PML1	9/11/2010	1,1-Dichloroethane	25	ug/Kg	U
SEE09051015PML1	9/5/2010	1,1-Dichloroethane	25	ug/Kg	U
SEE08301445JRP1	8/30/2010	1,1-Dichloroethane	25	ug/Kg	U
SEE10161415JDF1	10/16/2010	1,1-Dichloroethane	24	ug/Kg	U
SEE10040945JDF1	10/4/2010	1,1-Dichloroethane	24	ug/Kg	U
SEE09230955RCM1	9/23/2010	1,1-Dichloroethane	24	ug/Kg	U
SEE09211530JDF1	9/21/2010	1,1-Dichloroethane	24	ug/Kg	U
SEE09170945PML1	9/17/2010	1,1-Dichloroethane	24	ug/Kg	U
SEE09171125PML1	9/17/2010	1,1-Dichloroethane	24	ug/Kg	U
SEE09130955JRP1	9/13/2010	1,1-Dichloroethane	24	ug/Kg	U
SEE09091605PML1	9/9/2010	1,1-Dichloroethane	24	ug/Kg	U
SEE09041350PML1	9/4/2010	1,1-Dichloroethane	24	ug/Kg	U
SEE10071205PML1	10/7/2010	1,1-Dichloroethane	23	ug/Kg	U
SEE10071540PML1	10/7/2010	1,1-Dichloroethane	23	ug/Kg	U
SEE10041335JDF1	10/4/2010	1,1-Dichloroethane	23	ug/Kg	U
SEE09271025ARM1	9/27/2010	1,1-Dichloroethane	23	ug/Kg	U
SEE09171530PML1	9/17/2010	1,1-Dichloroethane	23	ug/Kg	U
SEE09051430PML1	9/5/2010	1,1-Dichloroethane	23	ug/Kg	U
SEE08271500PML1	8/27/2010	1,1-Dichloroethane	23	ug/kg	U
SEE10150945JDF1	10/15/2010	1,1-Dichloroethane	22	ug/Kg	U
SEE10111011JDF1	10/11/2010	1,1-Dichloroethane	22	ug/Kg	U
SEE10111350JDF1	10/11/2010	1,1-Dichloroethane	22	ug/Kg	U
SEE10061051RCM1	10/6/2010	1,1-Dichloroethane	22	ug/Kg	U
SEE10041355ARM1	10/4/2010	1,1-Dichloroethane	22	ug/Kg	U
SEE09271515JDF1	9/27/2010	1,1-Dichloroethane	22	ug/Kg	U
SEE09221105JDF1	9/22/2010	1,1-Dichloroethane	22	ug/Kg	U
SEE09130940PML1	9/13/2010	1,1-Dichloroethane	22	ug/Kg	U
SEE08281215PML1	8/28/2010	1,1-Dichloroethane	22	ug/kg	U
SEE10121030JDF1	10/12/2010	1,1-Dichloroethane	21	ug/Kg	U
SEE09290925JDF1	9/29/2010	1,1-Dichloroethane	21	ug/Kg	U
SEE09091025JRP1	9/9/2010	1,1-Dichloroethane	21	ug/Kg	U
SEE09011635PML1	9/1/2010	1,1-Dichloroethane	21	ug/Kg	U
SEE08301520JRP1	8/30/2010	1,1-Dichloroethane	21	ug/Kg	U
SEE08281420TWH1	8/28/2010	1,1-Dichloroethane	21	ug/kg	U
SEE08261445JRP1	8/26/2010	1,1-Dichloroethane	21	ug/Kg	U
SEE10161055JDF1	10/16/2010	1,1-Dichloroethane	20	ug/Kg	U
SEE10151355ARM1	10/15/2010	1,1-Dichloroethane	20	ug/Kg	U
SEE10071415ARM1	10/7/2010	1,1-Dichloroethane	20	ug/Kg	U
SEE09031140MHS1	9/3/2010	1,1-Dichloroethane	20	ug/Kg	U
SEE08291421KAP1	8/29/2010	1,1-Dichloroethane	20	ug/kg	U
SEE08271145RCM1	8/27/2010	1,1-Dichloroethane	20	ug/kg	U
SEE10041050JDF1	10/4/2010	1,1-Dichloroethane	19	ug/Kg	U
SEE09301255MAE1	9/30/2010	1,1-Dichloroethane	19	ug/Kg	U
SEE09291645JDF1	9/29/2010	1,1-Dichloroethane	19	ug/Kg	U
SEE09051550MHS1	9/5/2010	1,1-Dichloroethane	19	ug/Kg	U
SEE09031645MHS1	9/3/2010	1,1-Dichloroethane	19	ug/Kg	U
SEE10041138RCM1	10/4/2010	1,1-Dichloroethane	18	ug/Kg	U
SEE09221615JDF1	9/22/2010	1,1-Dichloroethane	18	ug/Kg	U
SEE09191445RCM1	9/19/2010	1,1-Dichloroethane	18	ug/Kg	U
SEE08311010JRP1	8/31/2010	1,1-Dichloroethane	18	ug/Kg	U
SEE09250905RCM1	9/25/2010	1,1-Dichloroethane	17	ug/Kg	U
SEE09200911RCM1	9/20/2010	1,1-Dichloroethane	17	ug/Kg	U
SEE09090900JRP1	9/9/2010	1,1-Dichloroethane	17	ug/Kg	U
SEE09011545MHS1	9/1/2010	1,1-Dichloroethane	17	ug/Kg	U

**TABLE B-2b**  
**Upstream Sediment Samples (Morrow Lake)**

Sample ID	Sample Date	Analyte	Result	Unit	Data Qualifier
SEE08281510TWH1	8/28/2010	1,1-Dichloroethane	17	ug/kg	U
SEE10170915JDF1	10/17/2010	1,1-Dichloroethane	16	ug/Kg	U
SEE09291135JDF1	9/29/2010	1,1-Dichloroethane	16	ug/Kg	U
SEE09260930RCM1	9/26/2010	1,1-Dichloroethane	16	ug/Kg	U
SEE09201110ARM1	9/20/2010	1,1-Dichloroethane	15	ug/Kg	U
SEE08301530JAW1	8/30/2010	1,1-Dichloroethane	15	ug/Kg	U
SEE08291550KAP1	8/29/2010	1,1-Dichloroethane	15	ug/kg	U
SEE10071151RCM1	10/7/2010	1,1-Dichloroethane	14	ug/Kg	U
SEE09211112RCM1	9/21/2010	1,1-Dichloroethane	14	ug/Kg	U
SEE08311348MHS1	8/31/2010	1,1-Dichloroethane	14	ug/Kg	U
SEE08300920JRP1	8/30/2010	1,1-Dichloroethane	14	ug/Kg	U
SEE08261620RCM1	8/26/2010	1,1-Dichloroethane	14	ug/kg	U
SEE10141025ARM1	10/14/2010	1,1-Dichloroethane	12	ug/Kg	U
SEE09130915JRP1	9/13/2010	1,1-Dichloroethane	12	ug/Kg	U
SEE10091200ARM1	10/9/2010	1,1-Dichloroethane	11	ug/Kg	U
SEE09291023RCM1	9/29/2010	1,1-Dichloroethane	11	ug/Kg	U
SEE09171445RCM1	9/17/2010	1,1-Dichloroethane	11	ug/Kg	U
SEE09161035RCM1	9/16/2010	1,1-Dichloroethane	11	ug/Kg	U
SEE09141312RCM1	9/14/2010	1,1-Dichloroethane	10	ug/Kg	U
SEE08291445PML1	8/29/2010	1,1-Dichloroethane	10	ug/kg	U
SEE08291354KAP1	8/29/2010	1,1-Dichloroethane	9.3	ug/kg	U
SEE10051415ARM1	10/5/2010	1,1-Dichloroethane	8.7	ug/Kg	U
SEE09061610JAW1	9/6/2010	1,1-Dichloroethane	8.5	ug/Kg	U
SEE10011125ARM1	10/1/2010	1,1-Dichloroethane	8.2	ug/Kg	U
SEE08261700JRP1	8/26/2010	1,1-Dichloroethane	8.2	ug/Kg	U
SEE09051500MHS1	9/5/2010	1,1-Dichloroethane	8.0	ug/Kg	U
SEE10171535ARM1	10/17/2010	1,1-Dichloroethane	7.9	ug/Kg	U
SEE09231035ARM1	9/23/2010	1,1-Dichloroethane	7.9	ug/Kg	U
SEE09171200ARM1	9/17/2010	1,1-Dichloroethane	7.9	ug/Kg	U
SEE08271614TWH1	8/27/2010	1,1-Dichloroethane	7.8	ug/kg	U
SEE10081035ARM1	10/8/2010	1,1-Dichloroethane	7.6	ug/Kg	U
SEE08271652TWH1	8/27/2010	1,1-Dichloroethane	7.6	ug/kg	U
SEE09100945RCM1	9/10/2010	1,1-Dichloroethane	7.5	ug/Kg	U
SEE09211120ARM1	9/21/2010	1,1-Dichloroethane	7.4	ug/Kg	U
SEB09011143JLS1	9/1/2010	1,1-Dichloroethane	7.1	ug/Kg	U
SEE08301410JRP1	8/30/2010	1,1-Dichloroethane	7.0	ug/Kg	U
SEE09281445RCM1	9/28/2010	1,1-Dichloroethane	6.5	ug/Kg	U
SEE08271536TWH1	8/27/2010	1,1-Dichloroethane	6.3	ug/kg	U
SEE09271500ARM1	9/27/2010	1,1-Dichloroethane	6.2	ug/Kg	U
SEE09170935RCM1	9/17/2010	1,1-Dichloroethane	6.1	ug/Kg	U
SEF10011045TDF1	10/1/2010	1,1-Dichloroethane	6.0	ug/Kg	U
SEE09150915JRP1	9/15/2010	1,1-Dichloroethane	6.0	ug/Kg	U
SEE10011043RCM1	10/1/2010	1,1-Dichloroethane	5.8	ug/Kg	U
SEE09290915MAE1	9/29/2010	1,1-Dichloroethane	5.8	ug/Kg	U
SEE10131035ARM1	10/13/2010	1,1-Dichloroethane	5.5	ug/Kg	U
SEE10071045ARM1	10/7/2010	1,1-Dichloroethane	5.5	ug/Kg	U
SEE10041045ARM1	10/4/2010	1,1-Dichloroethane	5.5	ug/Kg	U
SEF10151030PMB3	10/15/2010	1,1-Dichloroethane	5.4	ug/Kg	U
SEF10081108TDF3	10/8/2010	1,1-Dichloroethane	5.4	ug/Kg	U
SEE09251235ARM1	9/25/2010	1,1-Dichloroethane	5.4	ug/Kg	U
SEE08281540JRP1	8/28/2010	1,1-Dichloroethane	5.4	ug/kg	U
SEF10051206TDF3	10/5/2010	1,1-Dichloroethane	5.3	ug/Kg	U
SEE09140945JRP1	9/14/2010	1,1-Dichloroethane	5.3	ug/Kg	U
SEE09080930JRP1	9/8/2010	1,1-Dichloroethane	5.3	ug/Kg	U
SEE09011515JAW1	9/1/2010	1,1-Dichloroethane	5.3	ug/Kg	U
SEE08301100JRP1	8/30/2010	1,1-Dichloroethane	5.3	ug/Kg	U
SEE10121040ARM1	10/12/2010	1,1-Dichloroethane	5.2	ug/Kg	U
SEF10121130PMB3	10/12/2010	1,1-Dichloroethane	5.2	ug/Kg	U
SEE09221045ARM1	9/22/2010	1,1-Dichloroethane	5.2	ug/Kg	U
SEE09100920JRP1	9/10/2010	1,1-Dichloroethane	5.1	ug/Kg	U

**TABLE B-2b**  
**Upstream Sediment Samples (Morrow Lake)**

Sample ID	Sample Date	Analyte	Result	Unit	Data Qualifier
SEB08281400JLS1	8/28/2010	1,1-Dichloroethane	5.1	ug/kg	U
SEE09301025MAE1	9/30/2010	1,1-Dichloroethane	5.0	ug/Kg	U
SEE09051500JAW1	9/5/2010	1,1-Dichloroethane	5.0	ug/Kg	U
SEE10051145RCM1	10/5/2010	1,1-Dichloroethane	4.9	ug/Kg	U
SEE09070930JRP1	9/7/2010	1,1-Dichloroethane	4.9	ug/Kg	U
SEE10061135ARM1	10/6/2010	1,1-Dichloroethane	4.8	ug/Kg	U
SEE10181030JWP1	10/18/2010	1,1-Dichloroethane	4.6	ug/Kg	U
SEF09281139TDF1	9/28/2010	1,1-Dichloroethane	4.3	ug/Kg	U
SEE09231205RCM1	9/23/2010	1,1-Dichloroethane	3.3	ug/Kg	U
SEE08271445JRP1	8/27/2010	1,1-Dichloroethane	2.8	ug/kg	U
ML-07-S-082510	8/25/2010	1,1-Dichloroethane	0.73	mg/Kg	U
ML-03-S-082510	8/25/2010	1,1-Dichloroethane	0.43	mg/Kg	U
ML-06-S-082510	8/25/2010	1,1-Dichloroethane	0.42	mg/Kg	U
ML-07-S-082410	8/24/2010	1,1-Dichloroethane	0.41	mg/Kg	UJ
ML-06-S-082010	8/20/2010	1,1-Dichloroethane	0.38	mg/Kg	U
ML-08-S-082510	8/25/2010	1,1-Dichloroethane	0.37	mg/Kg	U
ML-08-S-082410	8/24/2010	1,1-Dichloroethane	0.37	mg/Kg	UJ
ML-06-S-082310	8/23/2010	1,1-Dichloroethane	0.37	mg/Kg	U
ML-07-S-082110	8/21/2010	1,1-Dichloroethane	0.37	mg/Kg	U
ML-08-S-082110	8/21/2010	1,1-Dichloroethane	0.37	mg/Kg	U
ML-10-S-082110	8/21/2010	1,1-Dichloroethane	0.37	mg/Kg	U
ML-10-S-082110	8/21/2010	1,1-Dichloroethane	0.37	mg/Kg	U
ML-10-S-081910	8/19/2010	1,1-Dichloroethane	0.37	mg/Kg	U
ML-10-S-081910	8/19/2010	1,1-Dichloroethane	0.37	mg/Kg	U
ML-07-S-081810	8/18/2010	1,1-Dichloroethane	0.37	mg/Kg	UJ
ML-09-S-081810	8/18/2010	1,1-Dichloroethane	0.37	mg/Kg	UJ
ML-10-S-082410	8/24/2010	1,1-Dichloroethane	0.36	mg/Kg	UJ
ML-10-S-082410	8/24/2010	1,1-Dichloroethane	0.36	mg/Kg	UJ
ML-01-S-081610	8/16/2010	1,1-Dichloroethane	0.35	mg/Kg	U
ML-10-S-081610	8/16/2010	1,1-Dichloroethane	0.35	mg/Kg	U
ML-10-S-081610	8/16/2010	1,1-Dichloroethane	0.35	mg/Kg	U
ML-04-S-082410	8/24/2010	1,1-Dichloroethane	0.34	mg/Kg	UJ
ML-03-S-082310	8/23/2010	1,1-Dichloroethane	0.34	mg/Kg	U
ML-10-S-082110-D	8/21/2010	1,1-Dichloroethane	0.34	mg/Kg	U
ML-10-S-082110-D	8/21/2010	1,1-Dichloroethane	0.34	mg/Kg	U
ML-07-S-081610	8/16/2010	1,1-Dichloroethane	0.34	mg/Kg	U
ML-08-S-081610-D	8/16/2010	1,1-Dichloroethane	0.34	mg/Kg	U
ML-04-S-082610	8/26/2010	1,1-Dichloroethane	0.33	mg/Kg	U
ML-05-S-082310	8/23/2010	1,1-Dichloroethane	0.33	mg/Kg	U
ML-05-S-082010	8/20/2010	1,1-Dichloroethane	0.33	mg/Kg	U
ML-10-S-082610	8/26/2010	1,1-Dichloroethane	0.32	mg/Kg	U
ML-10-S-082610	8/26/2010	1,1-Dichloroethane	0.32	mg/Kg	U
ML-06-S-081710	8/17/2010	1,1-Dichloroethane	0.32	mg/Kg	U
ML-08-S-081610	8/16/2010	1,1-Dichloroethane	0.32	mg/Kg	U
ML-01-S-082510	8/25/2010	1,1-Dichloroethane	0.31	mg/Kg	U
ML-09-S-082510	8/25/2010	1,1-Dichloroethane	0.31	mg/Kg	U
ML-09-S-082410	8/24/2010	1,1-Dichloroethane	0.31	mg/Kg	UJ
ML-02-S-081710	8/17/2010	1,1-Dichloroethane	0.31	mg/Kg	U
ML-02-S-082510	8/25/2010	1,1-Dichloroethane	0.28	mg/Kg	U
ML-09-S-082110	8/21/2010	1,1-Dichloroethane	0.28	mg/Kg	U
ML-01-S-082110	8/21/2010	1,1-Dichloroethane	0.27	mg/Kg	U
ML-04-S-081710	8/17/2010	1,1-Dichloroethane	0.27	mg/Kg	U
ML-05-S-081710	8/17/2010	1,1-Dichloroethane	0.27	mg/Kg	U
ML-02-S-082310	8/23/2010	1,1-Dichloroethane	0.25	mg/Kg	U
ML-04-S-082010	8/20/2010	1,1-Dichloroethane	0.25	mg/Kg	U
ML-01-S-081910	8/19/2010	1,1-Dichloroethane	0.25	mg/Kg	U
ML-02-S-082010	8/20/2010	1,1-Dichloroethane	0.22	mg/Kg	U
ML-03-S-081610	8/16/2010	1,1-Dichloroethane	0.22	mg/Kg	U
ML-03-S-082010	8/20/2010	1,1-Dichloroethane	0.19	mg/Kg	U
ML-05-S-082610	8/26/2010	1,1-Dichloroethane	0.17	mg/Kg	U



**TABLE B-2b**  
**Upstream Sediment Samples (Morrow Lake)**

Sample ID	Sample Date	Analyte	Result	Unit	Data Qualifier
SEE10211035JDF1	10/21/2010	1,1-Dichloroethene	620	ug/Kg	U
SEE10191515JDF1	10/19/2010	1,1-Dichloroethene	560	ug/Kg	U
SEE10211430JDF1	10/21/2010	1,1-Dichloroethene	540	ug/Kg	U
SEE10191005JDF1	10/19/2010	1,1-Dichloroethene	540	ug/Kg	U
SEE10221110JDF1	10/22/2010	1,1-Dichloroethene	530	ug/Kg	U
SEE10221110JDF1	10/22/2010	1,1-Dichloroethene	530	ug/Kg	U
SEE10191415JDF1	10/19/2010	1,1-Dichloroethene	510	ug/Kg	U
SEE10191155JDF1	10/19/2010	1,1-Dichloroethene	490	ug/Kg	U
SEE10211010JWP1	10/21/2010	1,1-Dichloroethene	470	ug/Kg	U
SEE10191100JDF1	10/19/2010	1,1-Dichloroethene	470	ug/Kg	U
SEE10221055DWS1	10/22/2010	1,1-Dichloroethene	450	ug/Kg	U
SEE10191010JWP1	10/19/2010	1,1-Dichloroethene	450	ug/Kg	U
SEE10221450DWS1	10/22/2010	1,1-Dichloroethene	240	ug/Kg	U
SEE10211345JWP1	10/21/2010	1,1-Dichloroethene	220	ug/Kg	U
SEF10221050MAE3	10/22/2010	1,1-Dichloroethene	150	ug/Kg	U
SEF10191135NAC3	10/19/2010	1,1-Dichloroethene	150	ug/Kg	U
SEE10141015JDF1	10/14/2010	1,1-Dichloroethene	140	ug/Kg	U
SEE10191115JWP1	10/19/2010	1,1-Dichloroethene	130	ug/Kg	U
SEE09200945PML1	9/20/2010	1,1-Dichloroethene	60	ug/Kg	U
SEE09200945PML1	9/20/2010	1,1-Dichloroethene	60	ug/Kg	U
SEE09201115RCM1	9/20/2010	1,1-Dichloroethene	58	ug/Kg	U
SEE09201645ARM1	9/20/2010	1,1-Dichloroethene	48	ug/Kg	U
SEE10071042RCM1	10/7/2010	1,1-Dichloroethene	45	ug/Kg	U
SEE09061500PML1	9/6/2010	1,1-Dichloroethene	45	ug/Kg	U
SEE08281607TWH1	8/28/2010	1,1-Dichloroethene	44	ug/kg	U
SEE09301105JDF1	9/30/2010	1,1-Dichloroethene	42	ug/Kg	U
SEE09181705PML1	9/18/2010	1,1-Dichloroethene	42	ug/Kg	U
SEE09021400PML1	9/2/2010	1,1-Dichloroethene	41	ug/Kg	U
SEE08301130PML1	8/30/2010	1,1-Dichloroethene	41	ug/Kg	U
SEE10091401PML1	10/9/2010	1,1-Dichloroethene	40	ug/Kg	U
SEE10181035JDF1	10/18/2010	1,1-Dichloroethene	39	ug/Kg	U
SEE10051125PML1	10/5/2010	1,1-Dichloroethene	39	ug/Kg	U
SEE08311045PML1	8/31/2010	1,1-Dichloroethene	39	ug/Kg	U
SEE10141555ARM1	10/14/2010	1,1-Dichloroethene	38	ug/Kg	U
SEE09101215PML1	9/10/2010	1,1-Dichloroethene	38	ug/Kg	U
SEE10161530JDF1	10/16/2010	1,1-Dichloroethene	37	ug/Kg	U
SEE10081115PML1	10/8/2010	1,1-Dichloroethene	37	ug/Kg	U
SEE09030925PML1	9/3/2010	1,1-Dichloroethene	37	ug/Kg	U
SEE09031115JAW1	9/3/2010	1,1-Dichloroethene	37	ug/Kg	U
SEE08281505PML1	8/28/2010	1,1-Dichloroethene	37	ug/kg	U
SEE10171410JDF1	10/17/2010	1,1-Dichloroethene	36	ug/Kg	U
SEE09191530PML1	9/19/2010	1,1-Dichloroethene	36	ug/Kg	U
SEE09181235PML1	9/18/2010	1,1-Dichloroethene	36	ug/Kg	U
SEE09141135PML1	9/14/2010	1,1-Dichloroethene	36	ug/Kg	U
SEE09101022PML1	9/10/2010	1,1-Dichloroethene	36	ug/Kg	U
SEE10171115JDF1	10/17/2010	1,1-Dichloroethene	35	ug/Kg	U
SEE08311420PML1	8/31/2010	1,1-Dichloroethene	35	ug/Kg	U
SEE08311420PML1	8/31/2010	1,1-Dichloroethene	35	ug/Kg	U
SEE08271215PML1	8/27/2010	1,1-Dichloroethene	35	ug/kg	U
SEE10041530JDF1	10/4/2010	1,1-Dichloroethene	34	ug/Kg	U
SEE09121105RCM1	9/12/2010	1,1-Dichloroethene	34	ug/Kg	U
SEE09011545PML1	9/1/2010	1,1-Dichloroethene	34	ug/Kg	U
SEE08301550PML1	8/30/2010	1,1-Dichloroethene	34	ug/Kg	U
SEE10181210JDF1	10/18/2010	1,1-Dichloroethene	33	ug/Kg	U
SEE10181430JWP1	10/18/2010	1,1-Dichloroethene	33	ug/Kg	U
SEE10181510JDF1	10/18/2010	1,1-Dichloroethene	33	ug/Kg	U
SEE10181510JDF1	10/18/2010	1,1-Dichloroethene	33	ug/Kg	U
SEE10131150JDF1	10/13/2010	1,1-Dichloroethene	33	ug/Kg	U
SEE10101010PML1	10/10/2010	1,1-Dichloroethene	33	ug/Kg	U
SEE10101215PML1	10/10/2010	1,1-Dichloroethene	33	ug/Kg	U

**TABLE B-2b**  
**Upstream Sediment Samples (Morrow Lake)**

Sample ID	Sample Date	Analyte	Result	Unit	Data Qualifier
SEE10101215PML1	10/10/2010	1,1-Dichloroethene	33	ug/Kg	U
SEE09140945PML1	9/14/2010	1,1-Dichloroethene	33	ug/Kg	U
SEE09061525MHS1	9/6/2010	1,1-Dichloroethene	33	ug/Kg	U
SEE09051130PML1	9/5/2010	1,1-Dichloroethene	33	ug/Kg	U
SEE09031100PML1	9/3/2010	1,1-Dichloroethene	33	ug/Kg	U
SEE09021010PML1	9/2/2010	1,1-Dichloroethene	33	ug/Kg	U
SEE08281630RCM1	8/28/2010	1,1-Dichloroethene	33	ug/kg	U
SEE10031115JDF1	10/3/2010	1,1-Dichloroethene	32	ug/Kg	U
SEE10031115JDF1	10/3/2010	1,1-Dichloroethene	32	ug/Kg	U
SEE09301205RCM1	9/30/2010	1,1-Dichloroethene	32	ug/Kg	U
SEE09301255JDF1	9/30/2010	1,1-Dichloroethene	32	ug/Kg	U
SEE09231645JDF1	9/23/2010	1,1-Dichloroethene	32	ug/Kg	U
SEE09141515PML1	9/14/2010	1,1-Dichloroethene	32	ug/Kg	U
SEE09101625PML1	9/10/2010	1,1-Dichloroethene	32	ug/Kg	U
SEE09091005RCM1	9/9/2010	1,1-Dichloroethene	32	ug/Kg	U
SEE09061105PML1	9/6/2010	1,1-Dichloroethene	32	ug/Kg	U
SEE09031650PML1	9/3/2010	1,1-Dichloroethene	32	ug/Kg	U
SEE09031650PML1	9/3/2010	1,1-Dichloroethene	32	ug/Kg	U
SEE10081231PML1	10/8/2010	1,1-Dichloroethene	31	ug/Kg	U
SEE09231210JDF1	9/23/2010	1,1-Dichloroethene	31	ug/Kg	U
SEE09161045PML1	9/16/2010	1,1-Dichloroethene	31	ug/Kg	U
SEE09081205PML1	9/8/2010	1,1-Dichloroethene	31	ug/Kg	U
SEE09071050PML1	9/7/2010	1,1-Dichloroethene	31	ug/Kg	U
SEE08301145MHS1	8/30/2010	1,1-Dichloroethene	31	ug/Kg	U
SEE10161115ARM1	10/16/2010	1,1-Dichloroethene	30	ug/Kg	U
SEE10120930JDF1	10/12/2010	1,1-Dichloroethene	30	ug/Kg	U
SEE10071101PML1	10/7/2010	1,1-Dichloroethene	30	ug/Kg	U
SEE09261625JDF1	9/26/2010	1,1-Dichloroethene	30	ug/Kg	U
SEE09261625JDF1	9/26/2010	1,1-Dichloroethene	30	ug/Kg	U
SEE09131445RCM1	9/13/2010	1,1-Dichloroethene	30	ug/Kg	U
SEE09121055PML1	9/12/2010	1,1-Dichloroethene	30	ug/Kg	U
SEE09121055PML1	9/12/2010	1,1-Dichloroethene	30	ug/Kg	U
SEE09121436RCM1	9/12/2010	1,1-Dichloroethene	30	ug/Kg	U
SEE09091410RCM1	9/9/2010	1,1-Dichloroethene	30	ug/Kg	U
SEE09011050PML1	9/1/2010	1,1-Dichloroethene	30	ug/Kg	U
SEE10081051RCM1	10/8/2010	1,1-Dichloroethene	29	ug/Kg	U
SEE10061640PML1	10/6/2010	1,1-Dichloroethene	29	ug/Kg	U
SEE10061640PML1	10/6/2010	1,1-Dichloroethene	29	ug/Kg	U
SEE10051653PML1	10/5/2010	1,1-Dichloroethene	29	ug/Kg	U
SEE09261215JDF1	9/26/2010	1,1-Dichloroethene	29	ug/Kg	U
SEE09231130ARM1	9/23/2010	1,1-Dichloroethene	29	ug/Kg	U
SEE09191040PML1	9/19/2010	1,1-Dichloroethene	29	ug/Kg	U
SEE09131026RCM1	9/13/2010	1,1-Dichloroethene	29	ug/Kg	U
SEE09131505PML1	9/13/2010	1,1-Dichloroethene	29	ug/Kg	U
SEE09040950PML1	9/4/2010	1,1-Dichloroethene	29	ug/Kg	U
SEE10011120JDF1	10/1/2010	1,1-Dichloroethene	28	ug/Kg	U
SEE09211155JDF1	9/21/2010	1,1-Dichloroethene	28	ug/Kg	U
SEE09171415PML1	9/17/2010	1,1-Dichloroethene	28	ug/Kg	U
SEE09151145PML1	9/15/2010	1,1-Dichloroethene	28	ug/Kg	U
SEE09151145PML1	9/15/2010	1,1-Dichloroethene	28	ug/Kg	U
SEE09131620PML1	9/13/2010	1,1-Dichloroethene	28	ug/Kg	U
SEE09121450PML1	9/12/2010	1,1-Dichloroethene	28	ug/Kg	U
SEE09091515PML1	9/9/2010	1,1-Dichloroethene	28	ug/Kg	U
SEE09081010PML1	9/8/2010	1,1-Dichloroethene	28	ug/Kg	U
SEE09081020RCM1	9/8/2010	1,1-Dichloroethene	28	ug/Kg	U
SEE09011255PML1	9/1/2010	1,1-Dichloroethene	28	ug/Kg	U
SEE08301015JRP1	8/30/2010	1,1-Dichloroethene	28	ug/Kg	U
SEE08261420RCM1	8/26/2010	1,1-Dichloroethene	28	ug/kg	U
SEE10091614PML1	10/9/2010	1,1-Dichloroethene	27	ug/Kg	U
SEE10061205PML1	10/6/2010	1,1-Dichloroethene	27	ug/Kg	U

**TABLE B-2b**  
**Upstream Sediment Samples (Morrow Lake)**

Sample ID	Sample Date	Analyte	Result	Unit	Data Qualifier
SEE10041150JDF1	10/4/2010	1,1-Dichloroethene	27	ug/Kg	U
SEE09251135JDF1	9/25/2010	1,1-Dichloroethene	27	ug/Kg	U
SEE09221440JDF1	9/22/2010	1,1-Dichloroethene	27	ug/Kg	U
SEE09170839RCM1	9/17/2010	1,1-Dichloroethene	27	ug/Kg	U
SEE09151015PML1	9/15/2010	1,1-Dichloroethene	27	ug/Kg	U
SEE08291110PML1	8/29/2010	1,1-Dichloroethene	27	ug/kg	U
SEE10141150JDF1	10/14/2010	1,1-Dichloroethene	26	ug/Kg	U
SEE10141550JDF1	10/14/2010	1,1-Dichloroethene	26	ug/Kg	U
SEE10121155JDF1	10/12/2010	1,1-Dichloroethene	26	ug/Kg	U
SEE09271130JDF1	9/27/2010	1,1-Dichloroethene	26	ug/Kg	U
SEE09131125PML1	9/13/2010	1,1-Dichloroethene	26	ug/Kg	U
SEE09091010PML1	9/9/2010	1,1-Dichloroethene	26	ug/Kg	U
SEE09091145PML1	9/9/2010	1,1-Dichloroethene	26	ug/Kg	U
SEE09091410PML1	9/9/2010	1,1-Dichloroethene	26	ug/Kg	U
SEE09061130MHS1	9/6/2010	1,1-Dichloroethene	26	ug/Kg	U
SEE09011145PML1	9/1/2010	1,1-Dichloroethene	26	ug/Kg	U
SEE08301638MHS1	8/30/2010	1,1-Dichloroethene	26	ug/Kg	U
SEE10151055ARM1	10/15/2010	1,1-Dichloroethene	25	ug/Kg	U
SEE10121415ARM1	10/12/2010	1,1-Dichloroethene	25	ug/Kg	U
SEE10111125JDF1	10/11/2010	1,1-Dichloroethene	25	ug/Kg	U
SEE10031425JDF1	10/3/2010	1,1-Dichloroethene	25	ug/Kg	U
SEE09291035JDF1	9/29/2010	1,1-Dichloroethene	25	ug/Kg	U
SEE09220935RCM1	9/22/2010	1,1-Dichloroethene	25	ug/Kg	U
SEE09111015PML1	9/11/2010	1,1-Dichloroethene	25	ug/Kg	U
SEE09051015PML1	9/5/2010	1,1-Dichloroethene	25	ug/Kg	U
SEE08301445JRP1	8/30/2010	1,1-Dichloroethene	25	ug/Kg	U
SEE10161415JDF1	10/16/2010	1,1-Dichloroethene	24	ug/Kg	U
SEE10040945JDF1	10/4/2010	1,1-Dichloroethene	24	ug/Kg	U
SEE09230955RCM1	9/23/2010	1,1-Dichloroethene	24	ug/Kg	U
SEE09211530JDF1	9/21/2010	1,1-Dichloroethene	24	ug/Kg	U
SEE09170945PML1	9/17/2010	1,1-Dichloroethene	24	ug/Kg	U
SEE09171125PML1	9/17/2010	1,1-Dichloroethene	24	ug/Kg	U
SEE09130955JRP1	9/13/2010	1,1-Dichloroethene	24	ug/Kg	U
SEE09091605PML1	9/9/2010	1,1-Dichloroethene	24	ug/Kg	U
SEE09041350PML1	9/4/2010	1,1-Dichloroethene	24	ug/Kg	U
SEE10071205PML1	10/7/2010	1,1-Dichloroethene	23	ug/Kg	U
SEE10071540PML1	10/7/2010	1,1-Dichloroethene	23	ug/Kg	U
SEE10041335JDF1	10/4/2010	1,1-Dichloroethene	23	ug/Kg	U
SEE09271025ARM1	9/27/2010	1,1-Dichloroethene	23	ug/Kg	U
SEE09171530PML1	9/17/2010	1,1-Dichloroethene	23	ug/Kg	U
SEE09051430PML1	9/5/2010	1,1-Dichloroethene	23	ug/Kg	U
SEE08271500PML1	8/27/2010	1,1-Dichloroethene	23	ug/kg	U
SEE10150945JDF1	10/15/2010	1,1-Dichloroethene	22	ug/Kg	U
SEE10111011JDF1	10/11/2010	1,1-Dichloroethene	22	ug/Kg	U
SEE10111350JDF1	10/11/2010	1,1-Dichloroethene	22	ug/Kg	U
SEE10061051RCM1	10/6/2010	1,1-Dichloroethene	22	ug/Kg	U
SEE10041355ARM1	10/4/2010	1,1-Dichloroethene	22	ug/Kg	U
SEE09271515JDF1	9/27/2010	1,1-Dichloroethene	22	ug/Kg	U
SEE09221105JDF1	9/22/2010	1,1-Dichloroethene	22	ug/Kg	U
SEE09130940PML1	9/13/2010	1,1-Dichloroethene	22	ug/Kg	U
SEE08281215PML1	8/28/2010	1,1-Dichloroethene	22	ug/kg	U
SEE10121030JDF1	10/12/2010	1,1-Dichloroethene	21	ug/Kg	U
SEE09290925JDF1	9/29/2010	1,1-Dichloroethene	21	ug/Kg	U
SEE09091025JRP1	9/9/2010	1,1-Dichloroethene	21	ug/Kg	U
SEE09011635PML1	9/1/2010	1,1-Dichloroethene	21	ug/Kg	U
SEE08301520JRP1	8/30/2010	1,1-Dichloroethene	21	ug/Kg	U
SEE08281420TWH1	8/28/2010	1,1-Dichloroethene	21	ug/kg	U
SEE08261445JRP1	8/26/2010	1,1-Dichloroethene	21	ug/Kg	U
SEE10161055JDF1	10/16/2010	1,1-Dichloroethene	20	ug/Kg	U

**TABLE B-2b**  
**Upstream Sediment Samples (Morrow Lake)**

Sample ID	Sample Date	Analyte	Result	Unit	Data Qualifier
SEE10151355ARM1	10/15/2010	1,1-Dichloroethene	20	ug/Kg	U
SEE10071415ARM1	10/7/2010	1,1-Dichloroethene	20	ug/Kg	U
SEE09031140MHS1	9/3/2010	1,1-Dichloroethene	20	ug/Kg	U
SEE08291421KAP1	8/29/2010	1,1-Dichloroethene	20	ug/kg	U
SEE08271145RCM1	8/27/2010	1,1-Dichloroethene	20	ug/kg	U
SEE10041050JDF1	10/4/2010	1,1-Dichloroethene	19	ug/Kg	U
SEE09301255MAE1	9/30/2010	1,1-Dichloroethene	19	ug/Kg	U
SEE09291645JDF1	9/29/2010	1,1-Dichloroethene	19	ug/Kg	U
SEE09051550MHS1	9/5/2010	1,1-Dichloroethene	19	ug/Kg	U
SEE09031645MHS1	9/3/2010	1,1-Dichloroethene	19	ug/Kg	U
SEE10041138RCM1	10/4/2010	1,1-Dichloroethene	18	ug/Kg	U
SEE09221615JDF1	9/22/2010	1,1-Dichloroethene	18	ug/Kg	U
SEE09191445RCM1	9/19/2010	1,1-Dichloroethene	18	ug/Kg	U
SEE08311010JRP1	8/31/2010	1,1-Dichloroethene	18	ug/Kg	U
SEE09250905RCM1	9/25/2010	1,1-Dichloroethene	17	ug/Kg	U
SEE09200911RCM1	9/20/2010	1,1-Dichloroethene	17	ug/Kg	U
SEE09090900JRP1	9/9/2010	1,1-Dichloroethene	17	ug/Kg	U
SEE09011545MHS1	9/1/2010	1,1-Dichloroethene	17	ug/Kg	U
SEE08281510TWH1	8/28/2010	1,1-Dichloroethene	17	ug/kg	U
SEE10170915JDF1	10/17/2010	1,1-Dichloroethene	16	ug/Kg	U
SEE09291135JDF1	9/29/2010	1,1-Dichloroethene	16	ug/Kg	U
SEE09260930RCM1	9/26/2010	1,1-Dichloroethene	16	ug/Kg	U
SEE09201110ARM1	9/20/2010	1,1-Dichloroethene	15	ug/Kg	U
SEE08301530JAW1	8/30/2010	1,1-Dichloroethene	15	ug/Kg	U
SEE08291550KAP1	8/29/2010	1,1-Dichloroethene	15	ug/kg	U
SEE10071151RCM1	10/7/2010	1,1-Dichloroethene	14	ug/Kg	U
SEE09211112RCM1	9/21/2010	1,1-Dichloroethene	14	ug/Kg	U
SEE08311348MHS1	8/31/2010	1,1-Dichloroethene	14	ug/Kg	U
SEE08300920JRP1	8/30/2010	1,1-Dichloroethene	14	ug/Kg	U
SEE08261620RCM1	8/26/2010	1,1-Dichloroethene	14	ug/kg	U
SEE10141025ARM1	10/14/2010	1,1-Dichloroethene	12	ug/Kg	U
SEE09130915JRP1	9/13/2010	1,1-Dichloroethene	12	ug/Kg	U
SEE10091200ARM1	10/9/2010	1,1-Dichloroethene	11	ug/Kg	U
SEE09291023RCM1	9/29/2010	1,1-Dichloroethene	11	ug/Kg	U
SEE09171445RCM1	9/17/2010	1,1-Dichloroethene	11	ug/Kg	U
SEE09161035RCM1	9/16/2010	1,1-Dichloroethene	11	ug/Kg	U
SEE09141312RCM1	9/14/2010	1,1-Dichloroethene	10	ug/Kg	U
SEE08291445PML1	8/29/2010	1,1-Dichloroethene	10	ug/kg	U
SEE08291354KAP1	8/29/2010	1,1-Dichloroethene	9.3	ug/kg	U
SEE10051415ARM1	10/5/2010	1,1-Dichloroethene	8.7	ug/Kg	U
SEE09061610JAW1	9/6/2010	1,1-Dichloroethene	8.5	ug/Kg	U
SEE10011125ARM1	10/1/2010	1,1-Dichloroethene	8.2	ug/Kg	U
SEE08261700JRP1	8/26/2010	1,1-Dichloroethene	8.2	ug/Kg	U
SEE09051500MHS1	9/5/2010	1,1-Dichloroethene	8.0	ug/Kg	U
SEE10171535ARM1	10/17/2010	1,1-Dichloroethene	7.9	ug/Kg	U
SEE09231035ARM1	9/23/2010	1,1-Dichloroethene	7.9	ug/Kg	U
SEE09171200ARM1	9/17/2010	1,1-Dichloroethene	7.9	ug/Kg	U
SEE08271614TWH1	8/27/2010	1,1-Dichloroethene	7.8	ug/kg	U
SEE10081035ARM1	10/8/2010	1,1-Dichloroethene	7.6	ug/Kg	U
SEE08271652TWH1	8/27/2010	1,1-Dichloroethene	7.6	ug/kg	U
SEE09100945RCM1	9/10/2010	1,1-Dichloroethene	7.5	ug/Kg	U
SEE09211120ARM1	9/21/2010	1,1-Dichloroethene	7.4	ug/Kg	U
SEB09011143JLS1	9/1/2010	1,1-Dichloroethene	7.1	ug/Kg	U
SEE08301410JRP1	8/30/2010	1,1-Dichloroethene	7.0	ug/Kg	U
SEE09281445RCM1	9/28/2010	1,1-Dichloroethene	6.5	ug/Kg	U
SEE08271536TWH1	8/27/2010	1,1-Dichloroethene	6.3	ug/kg	U
SEE09271500ARM1	9/27/2010	1,1-Dichloroethene	6.2	ug/Kg	U
SEE09170935RCM1	9/17/2010	1,1-Dichloroethene	6.1	ug/Kg	U
SEF10011045TDF1	10/1/2010	1,1-Dichloroethene	6.0	ug/Kg	U
SEE09150915JRP1	9/15/2010	1,1-Dichloroethene	6.0	ug/Kg	U

**TABLE B-2b**  
**Upstream Sediment Samples (Morrow Lake)**

Sample ID	Sample Date	Analyte	Result	Unit	Data Qualifier
SEE10011043RCM1	10/1/2010	1,1-Dichloroethene	5.8	ug/Kg	U
SEE09290915MAE1	9/29/2010	1,1-Dichloroethene	5.8	ug/Kg	U
SEE10131035ARM1	10/13/2010	1,1-Dichloroethene	5.5	ug/Kg	U
SEE10071045ARM1	10/7/2010	1,1-Dichloroethene	5.5	ug/Kg	U
SEE10041045ARM1	10/4/2010	1,1-Dichloroethene	5.5	ug/Kg	U
SEF10151030PMB3	10/15/2010	1,1-Dichloroethene	5.4	ug/Kg	U
SEF10081108TDF3	10/8/2010	1,1-Dichloroethene	5.4	ug/Kg	U
SEE09251235ARM1	9/25/2010	1,1-Dichloroethene	5.4	ug/Kg	U
SEE08281540JRP1	8/28/2010	1,1-Dichloroethene	5.4	ug/kg	U
SEF10051206TDF3	10/5/2010	1,1-Dichloroethene	5.3	ug/Kg	U
SEE09140945JRP1	9/14/2010	1,1-Dichloroethene	5.3	ug/Kg	U
SEE09080930JRP1	9/8/2010	1,1-Dichloroethene	5.3	ug/Kg	U
SEE09011515JAW1	9/1/2010	1,1-Dichloroethene	5.3	ug/Kg	U
SEE08301100JRP1	8/30/2010	1,1-Dichloroethene	5.3	ug/Kg	U
SEE10121040ARM1	10/12/2010	1,1-Dichloroethene	5.2	ug/Kg	U
SEF10121130PMB3	10/12/2010	1,1-Dichloroethene	5.2	ug/Kg	U
SEE09221045ARM1	9/22/2010	1,1-Dichloroethene	5.2	ug/Kg	U
SEE09100920JRP1	9/10/2010	1,1-Dichloroethene	5.1	ug/Kg	U
SEB08281400JLS1	8/28/2010	1,1-Dichloroethene	5.1	ug/kg	U
SEE09301025MAE1	9/30/2010	1,1-Dichloroethene	5.0	ug/Kg	U
SEE09051500JAW1	9/5/2010	1,1-Dichloroethene	5.0	ug/Kg	U
SEE10051145RCM1	10/5/2010	1,1-Dichloroethene	4.9	ug/Kg	U
SEE09070930JRP1	9/7/2010	1,1-Dichloroethene	4.9	ug/Kg	U
SEE10061135ARM1	10/6/2010	1,1-Dichloroethene	4.8	ug/Kg	U
SEE10181030JWP1	10/18/2010	1,1-Dichloroethene	4.6	ug/Kg	U
SEF09281139TDF1	9/28/2010	1,1-Dichloroethene	4.3	ug/Kg	U
SEE09231205RCM1	9/23/2010	1,1-Dichloroethene	3.3	ug/Kg	U
SEE08271445JRP1	8/27/2010	1,1-Dichloroethene	2.8	ug/kg	U
ML-07-S-082510	8/25/2010	1,1-Dichloroethene	0.73	mg/Kg	U
ML-03-S-082510	8/25/2010	1,1-Dichloroethene	0.43	mg/Kg	U
ML-06-S-082510	8/25/2010	1,1-Dichloroethene	0.42	mg/Kg	U
ML-07-S-082410	8/24/2010	1,1-Dichloroethene	0.41	mg/Kg	UJ
ML-06-S-082010	8/20/2010	1,1-Dichloroethene	0.38	mg/Kg	U
ML-08-S-082510	8/25/2010	1,1-Dichloroethene	0.37	mg/Kg	U
ML-08-S-082410	8/24/2010	1,1-Dichloroethene	0.37	mg/Kg	UJ
ML-06-S-082310	8/23/2010	1,1-Dichloroethene	0.37	mg/Kg	U
ML-07-S-082110	8/21/2010	1,1-Dichloroethene	0.37	mg/Kg	U
ML-08-S-082110	8/21/2010	1,1-Dichloroethene	0.37	mg/Kg	U
ML-10-S-082110	8/21/2010	1,1-Dichloroethene	0.37	mg/Kg	U
ML-10-S-082110	8/21/2010	1,1-Dichloroethene	0.37	mg/Kg	U
ML-10-S-081910	8/19/2010	1,1-Dichloroethene	0.37	mg/Kg	U
ML-10-S-081910	8/19/2010	1,1-Dichloroethene	0.37	mg/Kg	U
ML-07-S-081810	8/18/2010	1,1-Dichloroethene	0.37	mg/Kg	UJ
ML-09-S-081810	8/18/2010	1,1-Dichloroethene	0.37	mg/Kg	UJ
ML-10-S-082410	8/24/2010	1,1-Dichloroethene	0.36	mg/Kg	UJ
ML-10-S-082410	8/24/2010	1,1-Dichloroethene	0.36	mg/Kg	UJ
ML-01-S-081610	8/16/2010	1,1-Dichloroethene	0.35	mg/Kg	U
ML-10-S-081610	8/16/2010	1,1-Dichloroethene	0.35	mg/Kg	U
ML-10-S-081610	8/16/2010	1,1-Dichloroethene	0.35	mg/Kg	U
ML-04-S-082410	8/24/2010	1,1-Dichloroethene	0.34	mg/Kg	UJ
ML-03-S-082310	8/23/2010	1,1-Dichloroethene	0.34	mg/Kg	U
ML-10-S-082110-D	8/21/2010	1,1-Dichloroethene	0.34	mg/Kg	U
ML-10-S-082110-D	8/21/2010	1,1-Dichloroethene	0.34	mg/Kg	U
ML-07-S-081610	8/16/2010	1,1-Dichloroethene	0.34	mg/Kg	U
ML-08-S-081610-D	8/16/2010	1,1-Dichloroethene	0.34	mg/Kg	U
ML-04-S-082610	8/26/2010	1,1-Dichloroethene	0.33	mg/Kg	U
ML-05-S-082310	8/23/2010	1,1-Dichloroethene	0.33	mg/Kg	U
ML-05-S-082010	8/20/2010	1,1-Dichloroethene	0.33	mg/Kg	U
ML-10-S-082610	8/26/2010	1,1-Dichloroethene	0.32	mg/Kg	U
ML-10-S-082610	8/26/2010	1,1-Dichloroethene	0.32	mg/Kg	U

**TABLE B-2b**  
**Upstream Sediment Samples (Morrow Lake)**

Sample ID	Sample Date	Analyte	Result	Unit	Data Qualifier
ML-06-S-081710	8/17/2010	1,1-Dichloroethene	0.32	mg/Kg	U
ML-08-S-081610	8/16/2010	1,1-Dichloroethene	0.32	mg/Kg	U
ML-01-S-082510	8/25/2010	1,1-Dichloroethene	0.31	mg/Kg	U
ML-09-S-082510	8/25/2010	1,1-Dichloroethene	0.31	mg/Kg	U
ML-09-S-082410	8/24/2010	1,1-Dichloroethene	0.31	mg/Kg	UJ
ML-02-S-081710	8/17/2010	1,1-Dichloroethene	0.31	mg/Kg	U
ML-02-S-082510	8/25/2010	1,1-Dichloroethene	0.28	mg/Kg	U
ML-09-S-082110	8/21/2010	1,1-Dichloroethene	0.28	mg/Kg	U
ML-01-S-082110	8/21/2010	1,1-Dichloroethene	0.27	mg/Kg	U
ML-04-S-081710	8/17/2010	1,1-Dichloroethene	0.27	mg/Kg	U
ML-05-S-081710	8/17/2010	1,1-Dichloroethene	0.27	mg/Kg	U
ML-02-S-082310	8/23/2010	1,1-Dichloroethene	0.25	mg/Kg	U
ML-04-S-082010	8/20/2010	1,1-Dichloroethene	0.25	mg/Kg	U
ML-01-S-081910	8/19/2010	1,1-Dichloroethene	0.25	mg/Kg	U
ML-02-S-082010	8/20/2010	1,1-Dichloroethene	0.22	mg/Kg	U
ML-03-S-081610	8/16/2010	1,1-Dichloroethene	0.22	mg/Kg	U
ML-03-S-082010	8/20/2010	1,1-Dichloroethene	0.19	mg/Kg	U
ML-05-S-082610	8/26/2010	1,1-Dichloroethene	0.17	mg/Kg	U
SEE10211035JDF1	10/21/2010	1,2,3-Trichloropropane	1200	ug/Kg	U
SEE10221110JDF1	10/22/2010	1,2,3-Trichloropropane	1100	ug/Kg	U
SEE10221110JDF1	10/22/2010	1,2,3-Trichloropropane	1100	ug/Kg	U
SEE10211430JDF1	10/21/2010	1,2,3-Trichloropropane	1100	ug/Kg	U
SEE10191005JDF1	10/19/2010	1,2,3-Trichloropropane	1100	ug/Kg	U
SEE10191515JDF1	10/19/2010	1,2,3-Trichloropropane	1100	ug/Kg	U
SEE10191415JDF1	10/19/2010	1,2,3-Trichloropropane	1000	ug/Kg	U
SEE10191155JDF1	10/19/2010	1,2,3-Trichloropropane	970	ug/Kg	U
SEE10191100JDF1	10/19/2010	1,2,3-Trichloropropane	950	ug/Kg	U
SEE10211010JWP1	10/21/2010	1,2,3-Trichloropropane	940	ug/Kg	U
SEE10221055DWS1	10/22/2010	1,2,3-Trichloropropane	910	ug/Kg	U
SEE10191010JWP1	10/19/2010	1,2,3-Trichloropropane	900	ug/Kg	U
SEE10221450DWS1	10/22/2010	1,2,3-Trichloropropane	490	ug/Kg	U
SEE10211345JWP1	10/21/2010	1,2,3-Trichloropropane	440	ug/Kg	U
SEF10221050MAE3	10/22/2010	1,2,3-Trichloropropane	310	ug/Kg	U
SEF10191135NAC3	10/19/2010	1,2,3-Trichloropropane	300	ug/Kg	U
SEE10141015JDF1	10/14/2010	1,2,3-Trichloropropane	280	ug/Kg	U
SEE10191115JWP1	10/19/2010	1,2,3-Trichloropropane	270	ug/Kg	U
SEE09200945PML1	9/20/2010	1,2,3-Trichloropropane	60	ug/Kg	U
SEE09200945PML1	9/20/2010	1,2,3-Trichloropropane	60	ug/Kg	U
SEE09201115RCM1	9/20/2010	1,2,3-Trichloropropane	58	ug/Kg	U
SEE09201645ARM1	9/20/2010	1,2,3-Trichloropropane	48	ug/Kg	U
SEE10071042RCM1	10/7/2010	1,2,3-Trichloropropane	45	ug/Kg	U
SEE09061500PML1	9/6/2010	1,2,3-Trichloropropane	45	ug/Kg	U
SEE08281607TWH1	8/28/2010	1,2,3-Trichloropropane	44	ug/kg	U
SEE09301105JDF1	9/30/2010	1,2,3-Trichloropropane	42	ug/Kg	U
SEE09181705PML1	9/18/2010	1,2,3-Trichloropropane	42	ug/Kg	U
SEE09021400PML1	9/2/2010	1,2,3-Trichloropropane	41	ug/Kg	U
SEE08301130PML1	8/30/2010	1,2,3-Trichloropropane	41	ug/Kg	U
SEE10091401PML1	10/9/2010	1,2,3-Trichloropropane	40	ug/Kg	U
SEE10181035JDF1	10/18/2010	1,2,3-Trichloropropane	39	ug/Kg	U
SEE10051125PML1	10/5/2010	1,2,3-Trichloropropane	39	ug/Kg	U
SEE08311045PML1	8/31/2010	1,2,3-Trichloropropane	39	ug/Kg	U
SEE10141555ARM1	10/14/2010	1,2,3-Trichloropropane	38	ug/Kg	U
SEE09101215PML1	9/10/2010	1,2,3-Trichloropropane	38	ug/Kg	U
SEE10161530JDF1	10/16/2010	1,2,3-Trichloropropane	37	ug/Kg	U
SEE10081115PML1	10/8/2010	1,2,3-Trichloropropane	37	ug/Kg	U
SEE09030925PML1	9/3/2010	1,2,3-Trichloropropane	37	ug/Kg	U
SEE09031115JAW1	9/3/2010	1,2,3-Trichloropropane	37	ug/Kg	U
SEE08281505PML1	8/28/2010	1,2,3-Trichloropropane	37	ug/kg	UJ
SEE10171410JDF1	10/17/2010	1,2,3-Trichloropropane	36	ug/Kg	U
SEE09191530PML1	9/19/2010	1,2,3-Trichloropropane	36	ug/Kg	U

**TABLE B-2b**  
**Upstream Sediment Samples (Morrow Lake)**

Sample ID	Sample Date	Analyte	Result	Unit	Data Qualifier
SEE09181235PML1	9/18/2010	1,2,3-Trichloropropane	36	ug/Kg	U
SEE09141135PML1	9/14/2010	1,2,3-Trichloropropane	36	ug/Kg	U
SEE09101022PML1	9/10/2010	1,2,3-Trichloropropane	36	ug/Kg	U
SEE10171115JDF1	10/17/2010	1,2,3-Trichloropropane	35	ug/Kg	U
SEE08311420PML1	8/31/2010	1,2,3-Trichloropropane	35	ug/Kg	U
SEE08311420PML1	8/31/2010	1,2,3-Trichloropropane	35	ug/Kg	U
SEE08271215PML1	8/27/2010	1,2,3-Trichloropropane	35	ug/kg	U
SEE10041530JDF1	10/4/2010	1,2,3-Trichloropropane	34	ug/Kg	U
SEE09121105RCM1	9/12/2010	1,2,3-Trichloropropane	34	ug/Kg	U
SEE09011545PML1	9/1/2010	1,2,3-Trichloropropane	34	ug/Kg	U
SEE08301550PML1	8/30/2010	1,2,3-Trichloropropane	34	ug/Kg	U
SEE10181210JDF1	10/18/2010	1,2,3-Trichloropropane	33	ug/Kg	U
SEE10181430JWP1	10/18/2010	1,2,3-Trichloropropane	33	ug/Kg	U
SEE10181510JDF1	10/18/2010	1,2,3-Trichloropropane	33	ug/Kg	U
SEE10181510JDF1	10/18/2010	1,2,3-Trichloropropane	33	ug/Kg	U
SEE10131150JDF1	10/13/2010	1,2,3-Trichloropropane	33	ug/Kg	U
SEE10101010PML1	10/10/2010	1,2,3-Trichloropropane	33	ug/Kg	U
SEE10101215PML1	10/10/2010	1,2,3-Trichloropropane	33	ug/Kg	U
SEE10101215PML1	10/10/2010	1,2,3-Trichloropropane	33	ug/Kg	U
SEE09140945PML1	9/14/2010	1,2,3-Trichloropropane	33	ug/Kg	U
SEE09061525MHS1	9/6/2010	1,2,3-Trichloropropane	33	ug/Kg	U
SEE09051130PML1	9/5/2010	1,2,3-Trichloropropane	33	ug/Kg	U
SEE09031100PML1	9/3/2010	1,2,3-Trichloropropane	33	ug/Kg	U
SEE09021010PML1	9/2/2010	1,2,3-Trichloropropane	33	ug/Kg	U
SEE08281630RCM1	8/28/2010	1,2,3-Trichloropropane	33	ug/kg	UJ
SEE10031115JDF1	10/3/2010	1,2,3-Trichloropropane	32	ug/Kg	U
SEE10031115JDF1	10/3/2010	1,2,3-Trichloropropane	32	ug/Kg	U
SEE09301205RCM1	9/30/2010	1,2,3-Trichloropropane	32	ug/Kg	U
SEE09301255JDF1	9/30/2010	1,2,3-Trichloropropane	32	ug/Kg	U
SEE09231645JDF1	9/23/2010	1,2,3-Trichloropropane	32	ug/Kg	U
SEE09141515PML1	9/14/2010	1,2,3-Trichloropropane	32	ug/Kg	U
SEE09101625PML1	9/10/2010	1,2,3-Trichloropropane	32	ug/Kg	U
SEE09091005RCM1	9/9/2010	1,2,3-Trichloropropane	32	ug/Kg	U
SEE09061105PML1	9/6/2010	1,2,3-Trichloropropane	32	ug/Kg	U
SEE09031650PML1	9/3/2010	1,2,3-Trichloropropane	32	ug/Kg	U
SEE09031650PML1	9/3/2010	1,2,3-Trichloropropane	32	ug/Kg	U
SEE10081231PML1	10/8/2010	1,2,3-Trichloropropane	31	ug/Kg	U
SEE09231210JDF1	9/23/2010	1,2,3-Trichloropropane	31	ug/Kg	U
SEE09161045PML1	9/16/2010	1,2,3-Trichloropropane	31	ug/Kg	U
SEE09081205PML1	9/8/2010	1,2,3-Trichloropropane	31	ug/Kg	U
SEE09071050PML1	9/7/2010	1,2,3-Trichloropropane	31	ug/Kg	U
SEE08301145MHS1	8/30/2010	1,2,3-Trichloropropane	31	ug/Kg	U
SEE10161115ARM1	10/16/2010	1,2,3-Trichloropropane	30	ug/Kg	U
SEE10120930JDF1	10/12/2010	1,2,3-Trichloropropane	30	ug/Kg	U
SEE10071101PML1	10/7/2010	1,2,3-Trichloropropane	30	ug/Kg	U
SEE09261625JDF1	9/26/2010	1,2,3-Trichloropropane	30	ug/Kg	U
SEE09261625JDF1	9/26/2010	1,2,3-Trichloropropane	30	ug/Kg	U
SEE09131445RCM1	9/13/2010	1,2,3-Trichloropropane	30	ug/Kg	U
SEE09121055PML1	9/12/2010	1,2,3-Trichloropropane	30	ug/Kg	U
SEE09121055PML1	9/12/2010	1,2,3-Trichloropropane	30	ug/Kg	U
SEE09121436RCM1	9/12/2010	1,2,3-Trichloropropane	30	ug/Kg	U
SEE09091410RCM1	9/9/2010	1,2,3-Trichloropropane	30	ug/Kg	U
SEE09011050PML1	9/1/2010	1,2,3-Trichloropropane	30	ug/Kg	U
SEE10081051RCM1	10/8/2010	1,2,3-Trichloropropane	29	ug/Kg	U
SEE10061640PML1	10/6/2010	1,2,3-Trichloropropane	29	ug/Kg	U
SEE10061640PML1	10/6/2010	1,2,3-Trichloropropane	29	ug/Kg	U
SEE10051653PML1	10/5/2010	1,2,3-Trichloropropane	29	ug/Kg	U
SEE09261215JDF1	9/26/2010	1,2,3-Trichloropropane	29	ug/Kg	U
SEE09231130ARM1	9/23/2010	1,2,3-Trichloropropane	29	ug/Kg	U
SEE09191040PML1	9/19/2010	1,2,3-Trichloropropane	29	ug/Kg	U

**TABLE B-2b**  
**Upstream Sediment Samples (Morrow Lake)**

Sample ID	Sample Date	Analyte	Result	Unit	Data Qualifier
SEE09131026RCM1	9/13/2010	1,2,3-Trichloropropane	29	ug/Kg	U
SEE09131505PML1	9/13/2010	1,2,3-Trichloropropane	29	ug/Kg	U
SEE09040950PML1	9/4/2010	1,2,3-Trichloropropane	29	ug/Kg	U
SEE10011120JDF1	10/1/2010	1,2,3-Trichloropropane	28	ug/Kg	U
SEE09211155JDF1	9/21/2010	1,2,3-Trichloropropane	28	ug/Kg	U
SEE09171415PML1	9/17/2010	1,2,3-Trichloropropane	28	ug/Kg	U
SEE09151145PML1	9/15/2010	1,2,3-Trichloropropane	28	ug/Kg	U
SEE09151145PML1	9/15/2010	1,2,3-Trichloropropane	28	ug/Kg	U
SEE09131620PML1	9/13/2010	1,2,3-Trichloropropane	28	ug/Kg	U
SEE09121450PML1	9/12/2010	1,2,3-Trichloropropane	28	ug/Kg	U
SEE09091515PML1	9/9/2010	1,2,3-Trichloropropane	28	ug/Kg	U
SEE09081010PML1	9/8/2010	1,2,3-Trichloropropane	28	ug/Kg	U
SEE09081020RCM1	9/8/2010	1,2,3-Trichloropropane	28	ug/Kg	U
SEE09011255PML1	9/1/2010	1,2,3-Trichloropropane	28	ug/Kg	U
SEE08301015JRP1	8/30/2010	1,2,3-Trichloropropane	28	ug/Kg	U
SEE08261420RCM1	8/26/2010	1,2,3-Trichloropropane	28	ug/kg	U
SEE10091614PML1	10/9/2010	1,2,3-Trichloropropane	27	ug/Kg	U
SEE10061205PML1	10/6/2010	1,2,3-Trichloropropane	27	ug/Kg	U
SEE10041150JDF1	10/4/2010	1,2,3-Trichloropropane	27	ug/Kg	U
SEE09251135JDF1	9/25/2010	1,2,3-Trichloropropane	27	ug/Kg	U
SEE09221440JDF1	9/22/2010	1,2,3-Trichloropropane	27	ug/Kg	U
SEE09170839RCM1	9/17/2010	1,2,3-Trichloropropane	27	ug/Kg	U
SEE09151015PML1	9/15/2010	1,2,3-Trichloropropane	27	ug/Kg	U
SEE08291110PML1	8/29/2010	1,2,3-Trichloropropane	27	ug/kg	U
SEE10141150JDF1	10/14/2010	1,2,3-Trichloropropane	26	ug/Kg	U
SEE10141550JDF1	10/14/2010	1,2,3-Trichloropropane	26	ug/Kg	U
SEE10141550JDF1	10/14/2010	1,2,3-Trichloropropane	26	ug/Kg	U
SEE10121155JDF1	10/12/2010	1,2,3-Trichloropropane	26	ug/Kg	U
SEE09271130JDF1	9/27/2010	1,2,3-Trichloropropane	26	ug/Kg	U
SEE09131125PML1	9/13/2010	1,2,3-Trichloropropane	26	ug/Kg	U
SEE09091010PML1	9/9/2010	1,2,3-Trichloropropane	26	ug/Kg	U
SEE09091145PML1	9/9/2010	1,2,3-Trichloropropane	26	ug/Kg	U
SEE09091410PML1	9/9/2010	1,2,3-Trichloropropane	26	ug/Kg	U
SEE09061130MHS1	9/6/2010	1,2,3-Trichloropropane	26	ug/Kg	U
SEE09011145PML1	9/1/2010	1,2,3-Trichloropropane	26	ug/Kg	U
SEE08301638MHS1	8/30/2010	1,2,3-Trichloropropane	26	ug/Kg	U
SEE10151055ARM1	10/15/2010	1,2,3-Trichloropropane	25	ug/Kg	U
SEE10121415ARM1	10/12/2010	1,2,3-Trichloropropane	25	ug/Kg	U
SEE10111125JDF1	10/11/2010	1,2,3-Trichloropropane	25	ug/Kg	U
SEE10031425JDF1	10/3/2010	1,2,3-Trichloropropane	25	ug/Kg	U
SEE09291035JDF1	9/29/2010	1,2,3-Trichloropropane	25	ug/Kg	U
SEE09220935RCM1	9/22/2010	1,2,3-Trichloropropane	25	ug/Kg	U
SEE09111015PML1	9/11/2010	1,2,3-Trichloropropane	25	ug/Kg	U
SEE09051015PML1	9/5/2010	1,2,3-Trichloropropane	25	ug/Kg	U
SEE08301445JRP1	8/30/2010	1,2,3-Trichloropropane	25	ug/Kg	U
SEE10161415JDF1	10/16/2010	1,2,3-Trichloropropane	24	ug/Kg	U
SEE10040945JDF1	10/4/2010	1,2,3-Trichloropropane	24	ug/Kg	U
SEE09230955RCM1	9/23/2010	1,2,3-Trichloropropane	24	ug/Kg	U
SEE09211530JDF1	9/21/2010	1,2,3-Trichloropropane	24	ug/Kg	U
SEE09170945PML1	9/17/2010	1,2,3-Trichloropropane	24	ug/Kg	U
SEE09171125PML1	9/17/2010	1,2,3-Trichloropropane	24	ug/Kg	U
SEE09130955JRP1	9/13/2010	1,2,3-Trichloropropane	24	ug/Kg	U
SEE09091605PML1	9/9/2010	1,2,3-Trichloropropane	24	ug/Kg	U
SEE09041350PML1	9/4/2010	1,2,3-Trichloropropane	24	ug/Kg	U
SEE10071205PML1	10/7/2010	1,2,3-Trichloropropane	23	ug/Kg	U
SEE10071540PML1	10/7/2010	1,2,3-Trichloropropane	23	ug/Kg	U
SEE10041335JDF1	10/4/2010	1,2,3-Trichloropropane	23	ug/Kg	U
SEE09271025ARM1	9/27/2010	1,2,3-Trichloropropane	23	ug/Kg	U
SEE09171530PML1	9/17/2010	1,2,3-Trichloropropane	23	ug/Kg	U
SEE09051430PML1	9/5/2010	1,2,3-Trichloropropane	23	ug/Kg	U



**TABLE B-2b**  
**Upstream Sediment Samples (Morrow Lake)**

Sample ID	Sample Date	Analyte	Result	Unit	Data Qualifier
SEE08271500PML1	8/27/2010	1,2,3-Trichloropropane	23	ug/kg	U
SEE10150945JDF1	10/15/2010	1,2,3-Trichloropropane	22	ug/Kg	U
SEE10111011JDF1	10/11/2010	1,2,3-Trichloropropane	22	ug/Kg	U
SEE10111350JDF1	10/11/2010	1,2,3-Trichloropropane	22	ug/Kg	U
SEE10061051RCM1	10/6/2010	1,2,3-Trichloropropane	22	ug/Kg	U
SEE10041355ARM1	10/4/2010	1,2,3-Trichloropropane	22	ug/Kg	U
SEE09271515JDF1	9/27/2010	1,2,3-Trichloropropane	22	ug/Kg	U
SEE09221105JDF1	9/22/2010	1,2,3-Trichloropropane	22	ug/Kg	U
SEE09130940PML1	9/13/2010	1,2,3-Trichloropropane	22	ug/Kg	U
SEE08281215PML1	8/28/2010	1,2,3-Trichloropropane	22	ug/kg	U
SEE10121030JDF1	10/12/2010	1,2,3-Trichloropropane	21	ug/Kg	U
SEE09290925JDF1	9/29/2010	1,2,3-Trichloropropane	21	ug/Kg	U
SEE09091025JRP1	9/9/2010	1,2,3-Trichloropropane	21	ug/Kg	U
SEE09011635PML1	9/1/2010	1,2,3-Trichloropropane	21	ug/Kg	U
SEE08301520JRP1	8/30/2010	1,2,3-Trichloropropane	21	ug/Kg	U
SEE08281420TWH1	8/28/2010	1,2,3-Trichloropropane	21	ug/kg	U
SEE08261445JRP1	8/26/2010	1,2,3-Trichloropropane	21	ug/Kg	U
SEE10161055JDF1	10/16/2010	1,2,3-Trichloropropane	20	ug/Kg	U
SEE10151355ARM1	10/15/2010	1,2,3-Trichloropropane	20	ug/Kg	U
SEE10071415ARM1	10/7/2010	1,2,3-Trichloropropane	20	ug/Kg	U
SEE09031140MHS1	9/3/2010	1,2,3-Trichloropropane	20	ug/Kg	U
SEE08291421KAP1	8/29/2010	1,2,3-Trichloropropane	20	ug/kg	U
SEE08271145RCM1	8/27/2010	1,2,3-Trichloropropane	20	ug/kg	U
SEE10041050JDF1	10/4/2010	1,2,3-Trichloropropane	19	ug/Kg	U
SEE09301255MAE1	9/30/2010	1,2,3-Trichloropropane	19	ug/Kg	U
SEE09291645JDF1	9/29/2010	1,2,3-Trichloropropane	19	ug/Kg	U
SEE09051550MHS1	9/5/2010	1,2,3-Trichloropropane	19	ug/Kg	U
SEE09031645MHS1	9/3/2010	1,2,3-Trichloropropane	19	ug/Kg	U
SEE10041138RCM1	10/4/2010	1,2,3-Trichloropropane	18	ug/Kg	U
SEE09221615JDF1	9/22/2010	1,2,3-Trichloropropane	18	ug/Kg	U
SEE09191445RCM1	9/19/2010	1,2,3-Trichloropropane	18	ug/Kg	U
SEE08311010JRP1	8/31/2010	1,2,3-Trichloropropane	18	ug/Kg	U
SEE09250905RCM1	9/25/2010	1,2,3-Trichloropropane	17	ug/Kg	U
SEE09200911RCM1	9/20/2010	1,2,3-Trichloropropane	17	ug/Kg	U
SEE09090900JRP1	9/9/2010	1,2,3-Trichloropropane	17	ug/Kg	U
SEE09011545MHS1	9/1/2010	1,2,3-Trichloropropane	17	ug/Kg	U
SEE08281510TWH1	8/28/2010	1,2,3-Trichloropropane	17	ug/kg	U
SEE10170915JDF1	10/17/2010	1,2,3-Trichloropropane	16	ug/Kg	U
SEE09291135JDF1	9/29/2010	1,2,3-Trichloropropane	16	ug/Kg	U
SEE09260930RCM1	9/26/2010	1,2,3-Trichloropropane	16	ug/Kg	U
SEE09201110ARM1	9/20/2010	1,2,3-Trichloropropane	15	ug/Kg	U
SEE08301530JAW1	8/30/2010	1,2,3-Trichloropropane	15	ug/Kg	U
SEE08291550KAP1	8/29/2010	1,2,3-Trichloropropane	15	ug/kg	U
SEE10071151RCM1	10/7/2010	1,2,3-Trichloropropane	14	ug/Kg	U
SEE09211112RCM1	9/21/2010	1,2,3-Trichloropropane	14	ug/Kg	U
SEE08311348MHS1	8/31/2010	1,2,3-Trichloropropane	14	ug/Kg	U
SEE08300920JRP1	8/30/2010	1,2,3-Trichloropropane	14	ug/Kg	U
SEE08261620RCM1	8/26/2010	1,2,3-Trichloropropane	14	ug/kg	U
SEE10141025ARM1	10/14/2010	1,2,3-Trichloropropane	12	ug/Kg	U
SEE09130915JRP1	9/13/2010	1,2,3-Trichloropropane	12	ug/Kg	U
SEE10091200ARM1	10/9/2010	1,2,3-Trichloropropane	11	ug/Kg	U
SEE09291023RCM1	9/29/2010	1,2,3-Trichloropropane	11	ug/Kg	U
SEE09171445RCM1	9/17/2010	1,2,3-Trichloropropane	11	ug/Kg	U
SEE09161035RCM1	9/16/2010	1,2,3-Trichloropropane	11	ug/Kg	U
SEE09141312RCM1	9/14/2010	1,2,3-Trichloropropane	10	ug/Kg	U
SEE08291445PML1	8/29/2010	1,2,3-Trichloropropane	10	ug/kg	U
SEE08291354KAP1	8/29/2010	1,2,3-Trichloropropane	9.3	ug/kg	U
SEE10051415ARM1	10/5/2010	1,2,3-Trichloropropane	8.7	ug/Kg	U
SEE09061610JAW1	9/6/2010	1,2,3-Trichloropropane	8.5	ug/Kg	U
SEE10011125ARM1	10/1/2010	1,2,3-Trichloropropane	8.2	ug/Kg	U

**TABLE B-2b**  
**Upstream Sediment Samples (Morrow Lake)**

Sample ID	Sample Date	Analyte	Result	Unit	Data Qualifier
SEE08261700JRP1	8/26/2010	1,2,3-Trichloropropane	8.2	ug/Kg	U
SEE09051500MHS1	9/5/2010	1,2,3-Trichloropropane	8.0	ug/Kg	U
SEE10171535ARM1	10/17/2010	1,2,3-Trichloropropane	7.9	ug/Kg	U
SEE09231035ARM1	9/23/2010	1,2,3-Trichloropropane	7.9	ug/Kg	U
SEE09171200ARM1	9/17/2010	1,2,3-Trichloropropane	7.9	ug/Kg	U
SEE08271614TWH1	8/27/2010	1,2,3-Trichloropropane	7.8	ug/kg	U
SEE10081035ARM1	10/8/2010	1,2,3-Trichloropropane	7.6	ug/Kg	U
SEE08271652TWH1	8/27/2010	1,2,3-Trichloropropane	7.6	ug/kg	U
SEE09100945RCM1	9/10/2010	1,2,3-Trichloropropane	7.5	ug/Kg	U
SEE09211120ARM1	9/21/2010	1,2,3-Trichloropropane	7.4	ug/Kg	U
SEB09011143JLS1	9/1/2010	1,2,3-Trichloropropane	7.1	ug/Kg	U
SEE08301410JRP1	8/30/2010	1,2,3-Trichloropropane	7.0	ug/Kg	U
SEE09281445RCM1	9/28/2010	1,2,3-Trichloropropane	6.5	ug/Kg	U
SEE08271536TWH1	8/27/2010	1,2,3-Trichloropropane	6.3	ug/kg	U
SEE09271500ARM1	9/27/2010	1,2,3-Trichloropropane	6.2	ug/Kg	U
SEE09170935RCM1	9/17/2010	1,2,3-Trichloropropane	6.1	ug/Kg	U
SEF10011045TDF1	10/1/2010	1,2,3-Trichloropropane	6.0	ug/Kg	U
SEE09150915JRP1	9/15/2010	1,2,3-Trichloropropane	6.0	ug/Kg	U
SEE10011043RCM1	10/1/2010	1,2,3-Trichloropropane	5.8	ug/Kg	U
SEE09290915MAE1	9/29/2010	1,2,3-Trichloropropane	5.8	ug/Kg	U
SEE10071045ARM1	10/7/2010	1,2,3-Trichloropropane	5.5	ug/Kg	U
SEE10041045ARM1	10/4/2010	1,2,3-Trichloropropane	5.5	ug/Kg	U
SEF10151030PMB3	10/15/2010	1,2,3-Trichloropropane	5.4	ug/Kg	U
SEF10081108TDF3	10/8/2010	1,2,3-Trichloropropane	5.4	ug/Kg	U
SEE09251235ARM1	9/25/2010	1,2,3-Trichloropropane	5.4	ug/Kg	U
SEE08281540JRP1	8/28/2010	1,2,3-Trichloropropane	5.4	ug/kg	U
SEF10051206TDF3	10/5/2010	1,2,3-Trichloropropane	5.3	ug/Kg	U
SEE09140945JRP1	9/14/2010	1,2,3-Trichloropropane	5.3	ug/Kg	U
SEE09080930JRP1	9/8/2010	1,2,3-Trichloropropane	5.3	ug/Kg	U
SEE09011515JAW1	9/1/2010	1,2,3-Trichloropropane	5.3	ug/Kg	U
SEE08301100JRP1	8/30/2010	1,2,3-Trichloropropane	5.3	ug/Kg	U
SEE10121040ARM1	10/12/2010	1,2,3-Trichloropropane	5.2	ug/Kg	U
SEF10121130PMB3	10/12/2010	1,2,3-Trichloropropane	5.2	ug/Kg	U
SEE09221045ARM1	9/22/2010	1,2,3-Trichloropropane	5.2	ug/Kg	U
SEE09100920JRP1	9/10/2010	1,2,3-Trichloropropane	5.1	ug/Kg	U
SEB08281400JLS1	8/28/2010	1,2,3-Trichloropropane	5.1	ug/kg	U
SEE09301025MAE1	9/30/2010	1,2,3-Trichloropropane	5.0	ug/Kg	U
SEE09051500JAW1	9/5/2010	1,2,3-Trichloropropane	5.0	ug/Kg	U
SEE10051145RCM1	10/5/2010	1,2,3-Trichloropropane	4.9	ug/Kg	U
SEE09070930JRP1	9/7/2010	1,2,3-Trichloropropane	4.9	ug/Kg	U
SEE10061135ARM1	10/6/2010	1,2,3-Trichloropropane	4.8	ug/Kg	U
SEE10181030JWP1	10/18/2010	1,2,3-Trichloropropane	4.6	ug/Kg	U
SEF09281139TDF1	9/28/2010	1,2,3-Trichloropropane	4.3	ug/Kg	U
SEE09231205RCM1	9/23/2010	1,2,3-Trichloropropane	3.3	ug/Kg	U
SEE08271445JRP1	8/27/2010	1,2,3-Trichloropropane	2.8	ug/kg	U
SEE10131035ARM1	10/13/2010	1,2,3-Trichloropropane	1.9	ug/Kg	J
SEE09051430PML1	9/5/2010	1,2,4-Trichlorobenzene	3000	ug/Kg	U
SEE09011635PML1	9/1/2010	1,2,4-Trichlorobenzene	3000	ug/Kg	U
SEE08271145RCM1	8/27/2010	1,2,4-Trichlorobenzene	1600	ug/kg	U
SEE08261620RCM1	8/26/2010	1,2,4-Trichlorobenzene	1400	ug/kg	U
SEE08261420RCM1	8/26/2010	1,2,4-Trichlorobenzene	1200	ug/kg	U
SEE10211035JDF1	10/21/2010	1,2,4-Trichlorobenzene	960	ug/Kg	UJ
SEE10051125PML1	10/5/2010	1,2,4-Trichlorobenzene	930	ug/Kg	U
SEE09061500PML1	9/6/2010	1,2,4-Trichlorobenzene	920	ug/Kg	U
SEE09021400PML1	9/2/2010	1,2,4-Trichlorobenzene	920	ug/Kg	U
SEE09301105JDF1	9/30/2010	1,2,4-Trichlorobenzene	910	ug/Kg	U
SEE08301130PML1	8/30/2010	1,2,4-Trichlorobenzene	910	ug/Kg	U
SEE10191005JDF1	10/19/2010	1,2,4-Trichlorobenzene	880	ug/Kg	U
SEE10171410JDF1	10/17/2010	1,2,4-Trichlorobenzene	880	ug/Kg	U
SEE09181235PML1	9/18/2010	1,2,4-Trichlorobenzene	880	ug/Kg	UJ

**TABLE B-2b**  
**Upstream Sediment Samples (Morrow Lake)**

Sample ID	Sample Date	Analyte	Result	Unit	Data Qualifier
SEE09101022PML1	9/10/2010	1,2,4-Trichlorobenzene	880	ug/Kg	UJ
SEE09011545PML1	9/1/2010	1,2,4-Trichlorobenzene	870	ug/Kg	U
SEE10211430JDF1	10/21/2010	1,2,4-Trichlorobenzene	860	ug/Kg	U
SEE09231645JDF1	9/23/2010	1,2,4-Trichlorobenzene	860	ug/Kg	U
SEE09141135PML1	9/14/2010	1,2,4-Trichlorobenzene	860	ug/Kg	U
SEE09091410RCM1	9/9/2010	1,2,4-Trichlorobenzene	860	ug/Kg	U
SEE10081115PML1	10/8/2010	1,2,4-Trichlorobenzene	850	ug/Kg	UJ
SEE09121105RCM1	9/12/2010	1,2,4-Trichlorobenzene	850	ug/Kg	UJ
SEE09101215PML1	9/10/2010	1,2,4-Trichlorobenzene	850	ug/Kg	UJ
SEE09081020RCM1	9/8/2010	1,2,4-Trichlorobenzene	850	ug/Kg	U
SEE09031645MHS1	9/3/2010	1,2,4-Trichlorobenzene	850	ug/Kg	U
SEE09011545MHS1	9/1/2010	1,2,4-Trichlorobenzene	850	ug/Kg	U
SEE08311420PML1	8/31/2010	1,2,4-Trichlorobenzene	850	ug/Kg	U
SEE08311420PML1	8/31/2010	1,2,4-Trichlorobenzene	850	ug/Kg	U
SEE10131150JDF1	10/13/2010	1,2,4-Trichlorobenzene	840	ug/Kg	U
SEE09301255JDF1	9/30/2010	1,2,4-Trichlorobenzene	840	ug/Kg	U
SEE10221110JDF1	10/22/2010	1,2,4-Trichlorobenzene	830	ug/Kg	U
SEE10221110JDF1	10/22/2010	1,2,4-Trichlorobenzene	830	ug/Kg	U
SEE09030925PML1	9/3/2010	1,2,4-Trichlorobenzene	830	ug/Kg	U
SEE08281607TWH1	8/28/2010	1,2,4-Trichlorobenzene	830	ug/kg	U
SEE08281630RCM1	8/28/2010	1,2,4-Trichlorobenzene	830	ug/kg	U
SEE10191515JDF1	10/19/2010	1,2,4-Trichlorobenzene	820	ug/Kg	U
SEE10091401PML1	10/9/2010	1,2,4-Trichlorobenzene	820	ug/Kg	UJ
SEE09051550MHS1	9/5/2010	1,2,4-Trichlorobenzene	820	ug/Kg	U
SEE09291023RCM1	9/29/2010	1,2,4-Trichlorobenzene	810	ug/Kg	UJ
SEE09121436RCM1	9/12/2010	1,2,4-Trichlorobenzene	810	ug/Kg	UJ
SEE09021010PML1	9/2/2010	1,2,4-Trichlorobenzene	810	ug/Kg	U
SEE10041530JDF1	10/4/2010	1,2,4-Trichlorobenzene	800	ug/Kg	U
SEE09101625PML1	9/10/2010	1,2,4-Trichlorobenzene	800	ug/Kg	UJ
SEE09061525MHS1	9/6/2010	1,2,4-Trichlorobenzene	800	ug/Kg	U
SEE09031100PML1	9/3/2010	1,2,4-Trichlorobenzene	800	ug/Kg	U
SEE08301638MHS1	8/30/2010	1,2,4-Trichlorobenzene	800	ug/Kg	U
SEE10191415JDF1	10/19/2010	1,2,4-Trichlorobenzene	790	ug/Kg	U
SEE10181035JDF1	10/18/2010	1,2,4-Trichlorobenzene	790	ug/Kg	U
SEE10091614PML1	10/9/2010	1,2,4-Trichlorobenzene	790	ug/Kg	UJ
SEE10051653PML1	10/5/2010	1,2,4-Trichlorobenzene	790	ug/Kg	U
SEE09231210JDF1	9/23/2010	1,2,4-Trichlorobenzene	790	ug/Kg	U
SEE09141515PML1	9/14/2010	1,2,4-Trichlorobenzene	790	ug/Kg	U
SEE09131026RCM1	9/13/2010	1,2,4-Trichlorobenzene	790	ug/Kg	U
SEE09051130PML1	9/5/2010	1,2,4-Trichlorobenzene	790	ug/Kg	U
SEE08301550PML1	8/30/2010	1,2,4-Trichlorobenzene	790	ug/Kg	U
SEE10191155JDF1	10/19/2010	1,2,4-Trichlorobenzene	780	ug/Kg	U
SEE10171115JDF1	10/17/2010	1,2,4-Trichlorobenzene	780	ug/Kg	U
SEE10141015JDF1	10/14/2010	1,2,4-Trichlorobenzene	780	ug/Kg	UJ
SEE09220935RCM1	9/22/2010	1,2,4-Trichlorobenzene	780	ug/Kg	U
SEE09191445RCM1	9/19/2010	1,2,4-Trichlorobenzene	780	ug/Kg	U
SEE09161045PML1	9/16/2010	1,2,4-Trichlorobenzene	780	ug/Kg	UJ
SEE09071050PML1	9/7/2010	1,2,4-Trichlorobenzene	780	ug/Kg	UJ
SEE10211010JWP1	10/21/2010	1,2,4-Trichlorobenzene	770	ug/Kg	U
SEE10181510JDF1	10/18/2010	1,2,4-Trichlorobenzene	770	ug/Kg	U
SEE10181510JDF1	10/18/2010	1,2,4-Trichlorobenzene	770	ug/Kg	U
SEE10061205PML1	10/6/2010	1,2,4-Trichlorobenzene	770	ug/Kg	U
SEE10031115JDF1	10/3/2010	1,2,4-Trichlorobenzene	770	ug/Kg	UJ
SEE10031115JDF1	10/3/2010	1,2,4-Trichlorobenzene	770	ug/Kg	UJ
SEE09171415PML1	9/17/2010	1,2,4-Trichlorobenzene	770	ug/Kg	UJ
SEE09140945PML1	9/14/2010	1,2,4-Trichlorobenzene	770	ug/Kg	U
SEE09131445RCM1	9/13/2010	1,2,4-Trichlorobenzene	770	ug/Kg	U
SEE09131505PML1	9/13/2010	1,2,4-Trichlorobenzene	770	ug/Kg	U
SEE08301145MHS1	8/30/2010	1,2,4-Trichlorobenzene	770	ug/Kg	U
SEE10141555ARM1	10/14/2010	1,2,4-Trichlorobenzene	760	ug/Kg	UJ

**TABLE B-2b**  
**Upstream Sediment Samples (Morrow Lake)**

Sample ID	Sample Date	Analyte	Result	Unit	Data Qualifier
SEE10101215PML1	10/10/2010	1,2,4-Trichlorobenzene	760	ug/Kg	U
SEE10101215PML1	10/10/2010	1,2,4-Trichlorobenzene	760	ug/Kg	U
SEE09170839RCM1	9/17/2010	1,2,4-Trichlorobenzene	760	ug/Kg	UJ
SEE09081205PML1	9/8/2010	1,2,4-Trichlorobenzene	760	ug/Kg	U
SEE09031140MHS1	9/3/2010	1,2,4-Trichlorobenzene	760	ug/Kg	U
SEE10061051RCM1	10/6/2010	1,2,4-Trichlorobenzene	750	ug/Kg	U
SEE10041138RCM1	10/4/2010	1,2,4-Trichlorobenzene	750	ug/Kg	U
SEE09251135JDF1	9/25/2010	1,2,4-Trichlorobenzene	750	ug/Kg	UJ
SEE09200945PML1	9/20/2010	1,2,4-Trichlorobenzene	750	ug/Kg	U
SEE09200945PML1	9/20/2010	1,2,4-Trichlorobenzene	750	ug/Kg	U
SEE09191040PML1	9/19/2010	1,2,4-Trichlorobenzene	750	ug/Kg	U
SEE09181705PML1	9/18/2010	1,2,4-Trichlorobenzene	750	ug/Kg	UJ
SEE09091005RCM1	9/9/2010	1,2,4-Trichlorobenzene	750	ug/Kg	U
SEE09061105PML1	9/6/2010	1,2,4-Trichlorobenzene	750	ug/Kg	U
SEE09031650PML1	9/3/2010	1,2,4-Trichlorobenzene	750	ug/Kg	U
SEE09031650PML1	9/3/2010	1,2,4-Trichlorobenzene	750	ug/Kg	U
SEE10191100JDF1	10/19/2010	1,2,4-Trichlorobenzene	740	ug/Kg	U
SEE10141150JDF1	10/14/2010	1,2,4-Trichlorobenzene	740	ug/Kg	UJ
SEE10101010PML1	10/10/2010	1,2,4-Trichlorobenzene	740	ug/Kg	U
SEE10081051RCM1	10/8/2010	1,2,4-Trichlorobenzene	740	ug/Kg	UJ
SEE09261625JDF1	9/26/2010	1,2,4-Trichlorobenzene	740	ug/Kg	U
SEE09261625JDF1	9/26/2010	1,2,4-Trichlorobenzene	740	ug/Kg	U
SEE09191530PML1	9/19/2010	1,2,4-Trichlorobenzene	740	ug/Kg	U
SEE09151145PML1	9/15/2010	1,2,4-Trichlorobenzene	740	ug/Kg	U
SEE09151145PML1	9/15/2010	1,2,4-Trichlorobenzene	740	ug/Kg	U
SEE09121055PML1	9/12/2010	1,2,4-Trichlorobenzene	740	ug/Kg	UJ
SEE09121055PML1	9/12/2010	1,2,4-Trichlorobenzene	740	ug/Kg	UJ
SEE09091515PML1	9/9/2010	1,2,4-Trichlorobenzene	740	ug/Kg	U
SEE09081010PML1	9/8/2010	1,2,4-Trichlorobenzene	740	ug/Kg	U
SEE08311045PML1	8/31/2010	1,2,4-Trichlorobenzene	740	ug/Kg	U
SEE10161530JDF1	10/16/2010	1,2,4-Trichlorobenzene	730	ug/Kg	U
SEE10141550JDF1	10/14/2010	1,2,4-Trichlorobenzene	730	ug/Kg	UJ
SEE10141550JDF1	10/14/2010	1,2,4-Trichlorobenzene	730	ug/Kg	UJ
SEE10121155JDF1	10/12/2010	1,2,4-Trichlorobenzene	730	ug/Kg	UJ
SEE10011120JDF1	10/1/2010	1,2,4-Trichlorobenzene	730	ug/Kg	UJ
SEE09260930RCM1	9/26/2010	1,2,4-Trichlorobenzene	730	ug/Kg	U
SEE09230955RCM1	9/23/2010	1,2,4-Trichlorobenzene	730	ug/Kg	U
SEE09151015PML1	9/15/2010	1,2,4-Trichlorobenzene	730	ug/Kg	U
SEE09111015PML1	9/11/2010	1,2,4-Trichlorobenzene	730	ug/Kg	UJ
SEE08281505PML1	8/28/2010	1,2,4-Trichlorobenzene	730	ug/kg	U
SEE10181210JDF1	10/18/2010	1,2,4-Trichlorobenzene	720	ug/Kg	U
SEE10150945JDF1	10/15/2010	1,2,4-Trichlorobenzene	720	ug/Kg	U
SEE10120930JDF1	10/12/2010	1,2,4-Trichlorobenzene	720	ug/Kg	UJ
SEE10081231PML1	10/8/2010	1,2,4-Trichlorobenzene	720	ug/Kg	UJ
SEE10071042RCM1	10/7/2010	1,2,4-Trichlorobenzene	720	ug/Kg	U
SEE10071101PML1	10/7/2010	1,2,4-Trichlorobenzene	720	ug/Kg	U
SEE09261215JDF1	9/26/2010	1,2,4-Trichlorobenzene	720	ug/Kg	U
SEE09011050PML1	9/1/2010	1,2,4-Trichlorobenzene	720	ug/Kg	U
SEE08271215PML1	8/27/2010	1,2,4-Trichlorobenzene	720	ug/kg	U
SEE10221055DWS1	10/22/2010	1,2,4-Trichlorobenzene	710	ug/Kg	U
SEE09221440JDF1	9/22/2010	1,2,4-Trichlorobenzene	710	ug/Kg	U
SEE09040950PML1	9/4/2010	1,2,4-Trichlorobenzene	710	ug/Kg	U
SEE10181430JWP1	10/18/2010	1,2,4-Trichlorobenzene	700	ug/Kg	U
SEE10161115ARM1	10/16/2010	1,2,4-Trichlorobenzene	700	ug/Kg	U
SEE10061640PML1	10/6/2010	1,2,4-Trichlorobenzene	700	ug/Kg	U
SEE10061640PML1	10/6/2010	1,2,4-Trichlorobenzene	700	ug/Kg	U
SEE09301205RCM1	9/30/2010	1,2,4-Trichlorobenzene	700	ug/Kg	U
SEE09211155JDF1	9/21/2010	1,2,4-Trichlorobenzene	700	ug/Kg	UJ
SEE09201115RCM1	9/20/2010	1,2,4-Trichlorobenzene	700	ug/Kg	U
SEE09171445RCM1	9/17/2010	1,2,4-Trichlorobenzene	700	ug/Kg	UJ

**TABLE B-2b**  
**Upstream Sediment Samples (Morrow Lake)**

Sample ID	Sample Date	Analyte	Result	Unit	Data Qualifier
SEE09161035RCM1	9/16/2010	1,2,4-Trichlorobenzene	700	ug/Kg	UJ
SEE10191010JWP1	10/19/2010	1,2,4-Trichlorobenzene	690	ug/Kg	U
SEE10041150JDF1	10/4/2010	1,2,4-Trichlorobenzene	690	ug/Kg	U
SEE09121450PML1	9/12/2010	1,2,4-Trichlorobenzene	690	ug/Kg	UJ
SEE08301520JRP1	8/30/2010	1,2,4-Trichlorobenzene	690	ug/Kg	U
SEE08271614TWH1	8/27/2010	1,2,4-Trichlorobenzene	690	ug/kg	U
SEE10111125JDF1	10/11/2010	1,2,4-Trichlorobenzene	680	ug/Kg	U
SEE09271130JDF1	9/27/2010	1,2,4-Trichlorobenzene	680	ug/Kg	U
SEE09131620PML1	9/13/2010	1,2,4-Trichlorobenzene	680	ug/Kg	UJ
SEE09061130MHS1	9/6/2010	1,2,4-Trichlorobenzene	680	ug/Kg	U
SEE08261445JRP1	8/26/2010	1,2,4-Trichlorobenzene	680	ug/Kg	U
SEE10031425JDF1	10/3/2010	1,2,4-Trichlorobenzene	670	ug/Kg	UJ
SEE09291035JDF1	9/29/2010	1,2,4-Trichlorobenzene	670	ug/Kg	UJ
SEE09250905RCM1	9/25/2010	1,2,4-Trichlorobenzene	670	ug/Kg	UJ
SEE09211530JDF1	9/21/2010	1,2,4-Trichlorobenzene	670	ug/Kg	UJ
SEE09131125PML1	9/13/2010	1,2,4-Trichlorobenzene	670	ug/Kg	U
SEE09091605PML1	9/9/2010	1,2,4-Trichlorobenzene	670	ug/Kg	U
SEE09041350PML1	9/4/2010	1,2,4-Trichlorobenzene	670	ug/Kg	U
SEE09011255PML1	9/1/2010	1,2,4-Trichlorobenzene	670	ug/Kg	U
SEE09170945PML1	9/17/2010	1,2,4-Trichlorobenzene	660	ug/Kg	UJ
SEE09091145PML1	9/9/2010	1,2,4-Trichlorobenzene	660	ug/Kg	U
SEE08301445JRP1	8/30/2010	1,2,4-Trichlorobenzene	660	ug/Kg	U
SEE08271500PML1	8/27/2010	1,2,4-Trichlorobenzene	660	ug/kg	U
SEE09091410PML1	9/9/2010	1,2,4-Trichlorobenzene	650	ug/Kg	U
SEE09171125PML1	9/17/2010	1,2,4-Trichlorobenzene	640	ug/Kg	UJ
SEE09051015PML1	9/5/2010	1,2,4-Trichlorobenzene	640	ug/Kg	U
SEE10161415JDF1	10/16/2010	1,2,4-Trichlorobenzene	630	ug/Kg	U
SEE10111011JDF1	10/11/2010	1,2,4-Trichlorobenzene	630	ug/Kg	U
SEE09130940PML1	9/13/2010	1,2,4-Trichlorobenzene	630	ug/Kg	U
SEE08301015JRP1	8/30/2010	1,2,4-Trichlorobenzene	630	ug/Kg	U
SEE10211035JDF1	10/21/2010	1,2,4-Trichlorobenzene	620	ug/Kg	U
SEE10121415ARM1	10/12/2010	1,2,4-Trichlorobenzene	620	ug/Kg	UJ
SEE10071540PML1	10/7/2010	1,2,4-Trichlorobenzene	620	ug/Kg	U
SEE09031115JAW1	9/3/2010	1,2,4-Trichlorobenzene	620	ug/Kg	U
SEE08301530JAW1	8/30/2010	1,2,4-Trichlorobenzene	620	ug/Kg	U
SEE10161055JDF1	10/16/2010	1,2,4-Trichlorobenzene	610	ug/Kg	U
SEE10071205PML1	10/7/2010	1,2,4-Trichlorobenzene	610	ug/Kg	U
SEE09271515JDF1	9/27/2010	1,2,4-Trichlorobenzene	610	ug/Kg	U
SEE09211112RCM1	9/21/2010	1,2,4-Trichlorobenzene	610	ug/Kg	UJ
SEE09201645ARM1	9/20/2010	1,2,4-Trichlorobenzene	610	ug/Kg	U
SEE09171530PML1	9/17/2010	1,2,4-Trichlorobenzene	610	ug/Kg	UJ
SEE09091010PML1	9/9/2010	1,2,4-Trichlorobenzene	610	ug/Kg	U
SEE09091025JRP1	9/9/2010	1,2,4-Trichlorobenzene	610	ug/Kg	U
SEE10111350JDF1	10/11/2010	1,2,4-Trichlorobenzene	600	ug/Kg	U
SEE09290925JDF1	9/29/2010	1,2,4-Trichlorobenzene	600	ug/Kg	UJ
SEE09221105JDF1	9/22/2010	1,2,4-Trichlorobenzene	600	ug/Kg	U
SEE09221615JDF1	9/22/2010	1,2,4-Trichlorobenzene	600	ug/Kg	U
SEE10151055ARM1	10/15/2010	1,2,4-Trichlorobenzene	590	ug/Kg	U
SEE09301255MAE1	9/30/2010	1,2,4-Trichlorobenzene	590	ug/Kg	U
SEE09011145PML1	9/1/2010	1,2,4-Trichlorobenzene	590	ug/Kg	U
SEE08291110PML1	8/29/2010	1,2,4-Trichlorobenzene	590	ug/kg	U
SEE10041050JDF1	10/4/2010	1,2,4-Trichlorobenzene	580	ug/Kg	U
SEE09231130ARM1	9/23/2010	1,2,4-Trichlorobenzene	580	ug/Kg	U
SEE10121030JDF1	10/12/2010	1,2,4-Trichlorobenzene	570	ug/Kg	UJ
SEE10041335JDF1	10/4/2010	1,2,4-Trichlorobenzene	570	ug/Kg	U
SEE09271025ARM1	9/27/2010	1,2,4-Trichlorobenzene	570	ug/Kg	U
SEE08281215PML1	8/28/2010	1,2,4-Trichlorobenzene	570	ug/kg	U
SEE08281420TWH1	8/28/2010	1,2,4-Trichlorobenzene	570	ug/kg	U
SEE10191515JDF1	10/19/2010	1,2,4-Trichlorobenzene	560	ug/Kg	U
SEE10040945JDF1	10/4/2010	1,2,4-Trichlorobenzene	560	ug/Kg	U

**TABLE B-2b**  
**Upstream Sediment Samples (Morrow Lake)**

Sample ID	Sample Date	Analyte	Result	Unit	Data Qualifier
SEE09130955JRP1	9/13/2010	1,2,4-Trichlorobenzene	560	ug/Kg	U
SEE09291645JDF1	9/29/2010	1,2,4-Trichlorobenzene	550	ug/Kg	UJ
SEE10211430JDF1	10/21/2010	1,2,4-Trichlorobenzene	540	ug/Kg	U
SEE10191005JDF1	10/19/2010	1,2,4-Trichlorobenzene	540	ug/Kg	U
SEE08281510TWH1	8/28/2010	1,2,4-Trichlorobenzene	540	ug/kg	U
SEE10221110JDF1	10/22/2010	1,2,4-Trichlorobenzene	530	ug/Kg	U
SEE10221110JDF1	10/22/2010	1,2,4-Trichlorobenzene	530	ug/Kg	U
SEE09141312RCM1	9/14/2010	1,2,4-Trichlorobenzene	530	ug/Kg	U
SEE10191415JDF1	10/19/2010	1,2,4-Trichlorobenzene	510	ug/Kg	U
SEE08291421KAP1	8/29/2010	1,2,4-Trichlorobenzene	510	ug/kg	U
SEE08271652TWH1	8/27/2010	1,2,4-Trichlorobenzene	500	ug/kg	U
SEE10191155JDF1	10/19/2010	1,2,4-Trichlorobenzene	490	ug/Kg	U
SEE10151355ARM1	10/15/2010	1,2,4-Trichlorobenzene	480	ug/Kg	U
SEE10041355ARM1	10/4/2010	1,2,4-Trichlorobenzene	480	ug/Kg	U
SEE10211010JWP1	10/21/2010	1,2,4-Trichlorobenzene	470	ug/Kg	U
SEE10191100JDF1	10/19/2010	1,2,4-Trichlorobenzene	470	ug/Kg	U
SEE09090900JRP1	9/9/2010	1,2,4-Trichlorobenzene	470	ug/Kg	U
SEE08311010JRP1	8/31/2010	1,2,4-Trichlorobenzene	470	ug/Kg	U
SEE08311348MHS1	8/31/2010	1,2,4-Trichlorobenzene	470	ug/Kg	U
SEE10170915JDF1	10/17/2010	1,2,4-Trichlorobenzene	460	ug/Kg	U
SEE10071415ARM1	10/7/2010	1,2,4-Trichlorobenzene	460	ug/Kg	U
SEE09291135JDF1	9/29/2010	1,2,4-Trichlorobenzene	460	ug/Kg	UJ
SEE10221055DWS1	10/22/2010	1,2,4-Trichlorobenzene	450	ug/Kg	U
SEE10191010JWP1	10/19/2010	1,2,4-Trichlorobenzene	450	ug/Kg	U
SEE10071151RCM1	10/7/2010	1,2,4-Trichlorobenzene	430	ug/Kg	U
SEE08300920JRP1	8/30/2010	1,2,4-Trichlorobenzene	410	ug/Kg	U
SEE08291550KAP1	8/29/2010	1,2,4-Trichlorobenzene	410	ug/kg	U
SEE10221450DWS1	10/22/2010	1,2,4-Trichlorobenzene	390	ug/Kg	U
SEE09051500MHS1	9/5/2010	1,2,4-Trichlorobenzene	380	ug/Kg	U
SEE10141025ARM1	10/14/2010	1,2,4-Trichlorobenzene	370	ug/Kg	UJ
SEE10211345JWP1	10/21/2010	1,2,4-Trichlorobenzene	330	ug/Kg	U
SEE10091200ARM1	10/9/2010	1,2,4-Trichlorobenzene	330	ug/Kg	UJ
SEE09130915JRP1	9/13/2010	1,2,4-Trichlorobenzene	330	ug/Kg	U
SEE08291354KAP1	8/29/2010	1,2,4-Trichlorobenzene	330	ug/kg	U
SEE09061610JAW1	9/6/2010	1,2,4-Trichlorobenzene	290	ug/Kg	U
SEE10141015JDF1	10/14/2010	1,2,4-Trichlorobenzene	280	ug/Kg	U
SEE10051415ARM1	10/5/2010	1,2,4-Trichlorobenzene	280	ug/Kg	U
SEE10171535ARM1	10/17/2010	1,2,4-Trichlorobenzene	270	ug/Kg	U
SEE08291445PML1	8/29/2010	1,2,4-Trichlorobenzene	270	ug/kg	U
SEE08261700JRP1	8/26/2010	1,2,4-Trichlorobenzene	270	ug/Kg	U
SEE09100945RCM1	9/10/2010	1,2,4-Trichlorobenzene	260	ug/Kg	UJ
SEE08301410JRP1	8/30/2010	1,2,4-Trichlorobenzene	260	ug/Kg	U
SEE10011125ARM1	10/1/2010	1,2,4-Trichlorobenzene	250	ug/Kg	UJ
SEE09211120ARM1	9/21/2010	1,2,4-Trichlorobenzene	250	ug/Kg	UJ
SEE09201110ARM1	9/20/2010	1,2,4-Trichlorobenzene	250	ug/Kg	U
SEE10221450DWS1	10/22/2010	1,2,4-Trichlorobenzene	240	ug/Kg	U
SEF10221050MAE3	10/22/2010	1,2,4-Trichlorobenzene	240	ug/Kg	U
SEF10191135NAC3	10/19/2010	1,2,4-Trichlorobenzene	240	ug/Kg	U
SEE10081035ARM1	10/8/2010	1,2,4-Trichlorobenzene	240	ug/Kg	UJ
SEE09171200ARM1	9/17/2010	1,2,4-Trichlorobenzene	240	ug/Kg	UJ
SEF10011045TDF1	10/1/2010	1,2,4-Trichlorobenzene	230	ug/Kg	UJ
SEE09290915MAE1	9/29/2010	1,2,4-Trichlorobenzene	230	ug/Kg	UJ
SEE09271500ARM1	9/27/2010	1,2,4-Trichlorobenzene	230	ug/Kg	U
SEE09231205RCM1	9/23/2010	1,2,4-Trichlorobenzene	230	ug/Kg	U
SEE09200911RCM1	9/20/2010	1,2,4-Trichlorobenzene	230	ug/Kg	U
SEE09140945JRP1	9/14/2010	1,2,4-Trichlorobenzene	230	ug/Kg	U
SEE08271445JRP1	8/27/2010	1,2,4-Trichlorobenzene	230	ug/kg	U
SEE10211345JWP1	10/21/2010	1,2,4-Trichlorobenzene	220	ug/Kg	U
SEF10081108TDF3	10/8/2010	1,2,4-Trichlorobenzene	220	ug/Kg	UJ
SEE10071045ARM1	10/7/2010	1,2,4-Trichlorobenzene	220	ug/Kg	U

**TABLE B-2b**  
**Upstream Sediment Samples (Morrow Lake)**

Sample ID	Sample Date	Analyte	Result	Unit	Data Qualifier
SEE10041045ARM1	10/4/2010	1,2,4-Trichlorobenzene	220	ug/Kg	U
SEE10011043RCM1	10/1/2010	1,2,4-Trichlorobenzene	220	ug/Kg	UJ
SEE09281445RCM1	9/28/2010	1,2,4-Trichlorobenzene	220	ug/Kg	U
SEE09251235ARM1	9/25/2010	1,2,4-Trichlorobenzene	220	ug/Kg	UJ
SEE09231035ARM1	9/23/2010	1,2,4-Trichlorobenzene	220	ug/Kg	U
SEE09170935RCM1	9/17/2010	1,2,4-Trichlorobenzene	220	ug/Kg	UJ
SEE09150915JRP1	9/15/2010	1,2,4-Trichlorobenzene	220	ug/Kg	U
SEE09070930JRP1	9/7/2010	1,2,4-Trichlorobenzene	220	ug/Kg	UJ
SEB09011143JLS1	9/1/2010	1,2,4-Trichlorobenzene	220	ug/Kg	U
SEE08301100JRP1	8/30/2010	1,2,4-Trichlorobenzene	220	ug/Kg	U
SEE08271536TWH1	8/27/2010	1,2,4-Trichlorobenzene	220	ug/kg	U
SEE10191115JWP1	10/19/2010	1,2,4-Trichlorobenzene	210	ug/Kg	U
SEF10151030PMB3	10/15/2010	1,2,4-Trichlorobenzene	210	ug/Kg	U
SEF10121130PMB3	10/12/2010	1,2,4-Trichlorobenzene	210	ug/Kg	UJ
SEE10061135ARM1	10/6/2010	1,2,4-Trichlorobenzene	210	ug/Kg	U
SEF10051206TDF3	10/5/2010	1,2,4-Trichlorobenzene	210	ug/Kg	U
SEE09100920JRP1	9/10/2010	1,2,4-Trichlorobenzene	210	ug/Kg	UJ
SEE09051500JAW1	9/5/2010	1,2,4-Trichlorobenzene	210	ug/Kg	U
SEB08281400JLS1	8/28/2010	1,2,4-Trichlorobenzene	210	ug/kg	U
SEE08281540JRP1	8/28/2010	1,2,4-Trichlorobenzene	210	ug/kg	U
SEE10131035ARM1	10/13/2010	1,2,4-Trichlorobenzene	200	ug/Kg	U
SEE10121040ARM1	10/12/2010	1,2,4-Trichlorobenzene	200	ug/Kg	UJ
SEE10051145RCM1	10/5/2010	1,2,4-Trichlorobenzene	200	ug/Kg	U
SEE09301025MAE1	9/30/2010	1,2,4-Trichlorobenzene	200	ug/Kg	U
SEF09281139TDF1	9/28/2010	1,2,4-Trichlorobenzene	200	ug/Kg	U
SEE09221045ARM1	9/22/2010	1,2,4-Trichlorobenzene	200	ug/Kg	U
SEE09080930JRP1	9/8/2010	1,2,4-Trichlorobenzene	200	ug/Kg	U
SEE09011515JAW1	9/1/2010	1,2,4-Trichlorobenzene	200	ug/Kg	U
SEE10181030JWP1	10/18/2010	1,2,4-Trichlorobenzene	190	ug/Kg	U
SEF10221050MAE3	10/22/2010	1,2,4-Trichlorobenzene	150	ug/Kg	U
SEF10191135NAC3	10/19/2010	1,2,4-Trichlorobenzene	150	ug/Kg	U
SEE10191115JWP1	10/19/2010	1,2,4-Trichlorobenzene	130	ug/Kg	U
SEE09200945PML1	9/20/2010	1,2,4-Trichlorobenzene	60	ug/Kg	U
SEE09200945PML1	9/20/2010	1,2,4-Trichlorobenzene	60	ug/Kg	U
SEE09201115RCM1	9/20/2010	1,2,4-Trichlorobenzene	58	ug/Kg	U
SEE09201645ARM1	9/20/2010	1,2,4-Trichlorobenzene	48	ug/Kg	U
SEE10071042RCM1	10/7/2010	1,2,4-Trichlorobenzene	45	ug/Kg	UJ
SEE09061500PML1	9/6/2010	1,2,4-Trichlorobenzene	45	ug/Kg	U
SEE08281607TWH1	8/28/2010	1,2,4-Trichlorobenzene	44	ug/kg	U
SEE09301105JDF1	9/30/2010	1,2,4-Trichlorobenzene	42	ug/Kg	UJ
SEE09181705PML1	9/18/2010	1,2,4-Trichlorobenzene	42	ug/Kg	U
SEE09021400PML1	9/2/2010	1,2,4-Trichlorobenzene	41	ug/Kg	U
SEE08301130PML1	8/30/2010	1,2,4-Trichlorobenzene	41	ug/Kg	U
SEE10091401PML1	10/9/2010	1,2,4-Trichlorobenzene	40	ug/Kg	U
SEE10181035JDF1	10/18/2010	1,2,4-Trichlorobenzene	39	ug/Kg	U
SEE10051125PML1	10/5/2010	1,2,4-Trichlorobenzene	39	ug/Kg	UJ
SEE08311045PML1	8/31/2010	1,2,4-Trichlorobenzene	39	ug/Kg	UJ
SEE10141555ARM1	10/14/2010	1,2,4-Trichlorobenzene	38	ug/Kg	U
SEE09101215PML1	9/10/2010	1,2,4-Trichlorobenzene	38	ug/Kg	UJ
SEE10161530JDF1	10/16/2010	1,2,4-Trichlorobenzene	37	ug/Kg	U
SEE10081115PML1	10/8/2010	1,2,4-Trichlorobenzene	37	ug/Kg	UJ
SEE09030925PML1	9/3/2010	1,2,4-Trichlorobenzene	37	ug/Kg	UJ
SEE09031115JAW1	9/3/2010	1,2,4-Trichlorobenzene	37	ug/Kg	UJ
SEE08281505PML1	8/28/2010	1,2,4-Trichlorobenzene	37	ug/kg	U
SEE10171410JDF1	10/17/2010	1,2,4-Trichlorobenzene	36	ug/Kg	U
SEE09191530PML1	9/19/2010	1,2,4-Trichlorobenzene	36	ug/Kg	U
SEE09181235PML1	9/18/2010	1,2,4-Trichlorobenzene	36	ug/Kg	U
SEE09141135PML1	9/14/2010	1,2,4-Trichlorobenzene	36	ug/Kg	UJ
SEE09101022PML1	9/10/2010	1,2,4-Trichlorobenzene	36	ug/Kg	UJ
SEE10171115JDF1	10/17/2010	1,2,4-Trichlorobenzene	35	ug/Kg	U

**TABLE B-2b**  
**Upstream Sediment Samples (Morrow Lake)**

Sample ID	Sample Date	Analyte	Result	Unit	Data Qualifier
SEE08311420PML1	8/31/2010	1,2,4-Trichlorobenzene	35	ug/Kg	UJ
SEE08311420PML1	8/31/2010	1,2,4-Trichlorobenzene	35	ug/Kg	UJ
SEE08271215PML1	8/27/2010	1,2,4-Trichlorobenzene	35	ug/kg	U
SEE10041530JDF1	10/4/2010	1,2,4-Trichlorobenzene	34	ug/Kg	UJ
SEE09121105RCM1	9/12/2010	1,2,4-Trichlorobenzene	34	ug/Kg	U
SEE09011545PML1	9/1/2010	1,2,4-Trichlorobenzene	34	ug/Kg	U
SEE08301550PML1	8/30/2010	1,2,4-Trichlorobenzene	34	ug/Kg	U
SEE10181210JDF1	10/18/2010	1,2,4-Trichlorobenzene	33	ug/Kg	U
SEE10181430JWP1	10/18/2010	1,2,4-Trichlorobenzene	33	ug/Kg	U
SEE10181510JDF1	10/18/2010	1,2,4-Trichlorobenzene	33	ug/Kg	U
SEE10181510JDF1	10/18/2010	1,2,4-Trichlorobenzene	33	ug/Kg	U
SEE10131150JDF1	10/13/2010	1,2,4-Trichlorobenzene	33	ug/Kg	U
SEE10101010PML1	10/10/2010	1,2,4-Trichlorobenzene	33	ug/Kg	U
SEE10101215PML1	10/10/2010	1,2,4-Trichlorobenzene	33	ug/Kg	U
SEE10101215PML1	10/10/2010	1,2,4-Trichlorobenzene	33	ug/Kg	U
SEE09140945PML1	9/14/2010	1,2,4-Trichlorobenzene	33	ug/Kg	UJ
SEE09061525MHS1	9/6/2010	1,2,4-Trichlorobenzene	33	ug/Kg	U
SEE09051130PML1	9/5/2010	1,2,4-Trichlorobenzene	33	ug/Kg	U
SEE09031100PML1	9/3/2010	1,2,4-Trichlorobenzene	33	ug/Kg	UJ
SEE09021010PML1	9/2/2010	1,2,4-Trichlorobenzene	33	ug/Kg	U
SEE08281630RCM1	8/28/2010	1,2,4-Trichlorobenzene	33	ug/kg	U
SEE10031115JDF1	10/3/2010	1,2,4-Trichlorobenzene	32	ug/Kg	U
SEE10031115JDF1	10/3/2010	1,2,4-Trichlorobenzene	32	ug/Kg	U
SEE09301205RCM1	9/30/2010	1,2,4-Trichlorobenzene	32	ug/Kg	UJ
SEE09301255JDF1	9/30/2010	1,2,4-Trichlorobenzene	32	ug/Kg	UJ
SEE09231645JDF1	9/23/2010	1,2,4-Trichlorobenzene	32	ug/Kg	UJ
SEE09141515PML1	9/14/2010	1,2,4-Trichlorobenzene	32	ug/Kg	UJ
SEE09101625PML1	9/10/2010	1,2,4-Trichlorobenzene	32	ug/Kg	UJ
SEE09091005RCM1	9/9/2010	1,2,4-Trichlorobenzene	32	ug/Kg	U
SEE09061105PML1	9/6/2010	1,2,4-Trichlorobenzene	32	ug/Kg	U
SEE09031650PML1	9/3/2010	1,2,4-Trichlorobenzene	32	ug/Kg	UJ
SEE09031650PML1	9/3/2010	1,2,4-Trichlorobenzene	32	ug/Kg	UJ
SEE10081231PML1	10/8/2010	1,2,4-Trichlorobenzene	31	ug/Kg	UJ
SEE09231210JDF1	9/23/2010	1,2,4-Trichlorobenzene	31	ug/Kg	UJ
SEE09161045PML1	9/16/2010	1,2,4-Trichlorobenzene	31	ug/Kg	U
SEE09081205PML1	9/8/2010	1,2,4-Trichlorobenzene	31	ug/Kg	U
SEE09071050PML1	9/7/2010	1,2,4-Trichlorobenzene	31	ug/Kg	U
SEE08301145MHS1	8/30/2010	1,2,4-Trichlorobenzene	31	ug/Kg	U
SEE10161115ARM1	10/16/2010	1,2,4-Trichlorobenzene	30	ug/Kg	U
SEE10120930JDF1	10/12/2010	1,2,4-Trichlorobenzene	30	ug/Kg	UJ
SEE10071101PML1	10/7/2010	1,2,4-Trichlorobenzene	30	ug/Kg	UJ
SEE09261625JDF1	9/26/2010	1,2,4-Trichlorobenzene	30	ug/Kg	U
SEE09261625JDF1	9/26/2010	1,2,4-Trichlorobenzene	30	ug/Kg	U
SEE09131445RCM1	9/13/2010	1,2,4-Trichlorobenzene	30	ug/Kg	U
SEE09121055PML1	9/12/2010	1,2,4-Trichlorobenzene	30	ug/Kg	U
SEE09121055PML1	9/12/2010	1,2,4-Trichlorobenzene	30	ug/Kg	U
SEE09121436RCM1	9/12/2010	1,2,4-Trichlorobenzene	30	ug/Kg	U
SEE09091410RCM1	9/9/2010	1,2,4-Trichlorobenzene	30	ug/Kg	U
SEE09011050PML1	9/1/2010	1,2,4-Trichlorobenzene	30	ug/Kg	U
SEE10081051RCM1	10/8/2010	1,2,4-Trichlorobenzene	29	ug/Kg	UJ
SEE10061640PML1	10/6/2010	1,2,4-Trichlorobenzene	29	ug/Kg	U
SEE10061640PML1	10/6/2010	1,2,4-Trichlorobenzene	29	ug/Kg	U
SEE10051653PML1	10/5/2010	1,2,4-Trichlorobenzene	29	ug/Kg	UJ
SEE09261215JDF1	9/26/2010	1,2,4-Trichlorobenzene	29	ug/Kg	U
SEE09231130ARM1	9/23/2010	1,2,4-Trichlorobenzene	29	ug/Kg	UJ
SEE09191040PML1	9/19/2010	1,2,4-Trichlorobenzene	29	ug/Kg	U
SEE09131026RCM1	9/13/2010	1,2,4-Trichlorobenzene	29	ug/Kg	U
SEE09131505PML1	9/13/2010	1,2,4-Trichlorobenzene	29	ug/Kg	U
SEE09040950PML1	9/4/2010	1,2,4-Trichlorobenzene	29	ug/Kg	U
SEE10011120JDF1	10/1/2010	1,2,4-Trichlorobenzene	28	ug/Kg	UJ



**TABLE B-2b**  
**Upstream Sediment Samples (Morrow Lake)**

Sample ID	Sample Date	Analyte	Result	Unit	Data Qualifier
SEE09211155JDF1	9/21/2010	1,2,4-Trichlorobenzene	28	ug/Kg	UJ
SEE09171415PML1	9/17/2010	1,2,4-Trichlorobenzene	28	ug/Kg	U
SEE09151145PML1	9/15/2010	1,2,4-Trichlorobenzene	28	ug/Kg	U
SEE09151145PML1	9/15/2010	1,2,4-Trichlorobenzene	28	ug/Kg	U
SEE09131620PML1	9/13/2010	1,2,4-Trichlorobenzene	28	ug/Kg	U
SEE09121450PML1	9/12/2010	1,2,4-Trichlorobenzene	28	ug/Kg	U
SEE09091515PML1	9/9/2010	1,2,4-Trichlorobenzene	28	ug/Kg	U
SEE09081010PML1	9/8/2010	1,2,4-Trichlorobenzene	28	ug/Kg	U
SEE09081020RCM1	9/8/2010	1,2,4-Trichlorobenzene	28	ug/Kg	U
SEE09011255PML1	9/1/2010	1,2,4-Trichlorobenzene	28	ug/Kg	U
SEE08301015JRP1	8/30/2010	1,2,4-Trichlorobenzene	28	ug/Kg	U
SEE08261420RCM1	8/26/2010	1,2,4-Trichlorobenzene	28	ug/kg	U
SEE10091614PML1	10/9/2010	1,2,4-Trichlorobenzene	27	ug/Kg	U
SEE10061205PML1	10/6/2010	1,2,4-Trichlorobenzene	27	ug/Kg	U
SEE10041150JDF1	10/4/2010	1,2,4-Trichlorobenzene	27	ug/Kg	UJ
SEE09251135JDF1	9/25/2010	1,2,4-Trichlorobenzene	27	ug/Kg	U
SEE09221440JDF1	9/22/2010	1,2,4-Trichlorobenzene	27	ug/Kg	U
SEE09170839RCM1	9/17/2010	1,2,4-Trichlorobenzene	27	ug/Kg	U
SEE09151015PML1	9/15/2010	1,2,4-Trichlorobenzene	27	ug/Kg	U
SEE08291110PML1	8/29/2010	1,2,4-Trichlorobenzene	27	ug/kg	U
SEE10141150JDF1	10/14/2010	1,2,4-Trichlorobenzene	26	ug/Kg	U
SEE10141550JDF1	10/14/2010	1,2,4-Trichlorobenzene	26	ug/Kg	U
SEE10141550JDF1	10/14/2010	1,2,4-Trichlorobenzene	26	ug/Kg	U
SEE10121155JDF1	10/12/2010	1,2,4-Trichlorobenzene	26	ug/Kg	UJ
SEE09271130JDF1	9/27/2010	1,2,4-Trichlorobenzene	26	ug/Kg	U
SEE09131125PML1	9/13/2010	1,2,4-Trichlorobenzene	26	ug/Kg	U
SEE09091010PML1	9/9/2010	1,2,4-Trichlorobenzene	26	ug/Kg	U
SEE09091145PML1	9/9/2010	1,2,4-Trichlorobenzene	26	ug/Kg	U
SEE09091410PML1	9/9/2010	1,2,4-Trichlorobenzene	26	ug/Kg	U
SEE09061130MHS1	9/6/2010	1,2,4-Trichlorobenzene	26	ug/Kg	U
SEE09011145PML1	9/1/2010	1,2,4-Trichlorobenzene	26	ug/Kg	U
SEE08301638MHS1	8/30/2010	1,2,4-Trichlorobenzene	26	ug/Kg	U
SEE10151055ARM1	10/15/2010	1,2,4-Trichlorobenzene	25	ug/Kg	UJ
SEE10121415ARM1	10/12/2010	1,2,4-Trichlorobenzene	25	ug/Kg	UJ
SEE10111125JDF1	10/11/2010	1,2,4-Trichlorobenzene	25	ug/Kg	U
SEE10031425JDF1	10/3/2010	1,2,4-Trichlorobenzene	25	ug/Kg	U
SEE09291035JDF1	9/29/2010	1,2,4-Trichlorobenzene	25	ug/Kg	U
SEE09220935RCM1	9/22/2010	1,2,4-Trichlorobenzene	25	ug/Kg	U
SEE09111015PML1	9/11/2010	1,2,4-Trichlorobenzene	25	ug/Kg	U
SEE09051015PML1	9/5/2010	1,2,4-Trichlorobenzene	25	ug/Kg	U
SEE08301445JRP1	8/30/2010	1,2,4-Trichlorobenzene	25	ug/Kg	U
SEE10161415JDF1	10/16/2010	1,2,4-Trichlorobenzene	24	ug/Kg	U
SEE10040945JDF1	10/4/2010	1,2,4-Trichlorobenzene	24	ug/Kg	UJ
SEE09230955RCM1	9/23/2010	1,2,4-Trichlorobenzene	24	ug/Kg	UJ
SEE09211530JDF1	9/21/2010	1,2,4-Trichlorobenzene	24	ug/Kg	UJ
SEE09170945PML1	9/17/2010	1,2,4-Trichlorobenzene	24	ug/Kg	U
SEE09171125PML1	9/17/2010	1,2,4-Trichlorobenzene	24	ug/Kg	U
SEE09130955JRP1	9/13/2010	1,2,4-Trichlorobenzene	24	ug/Kg	U
SEE09091605PML1	9/9/2010	1,2,4-Trichlorobenzene	24	ug/Kg	U
SEE09041350PML1	9/4/2010	1,2,4-Trichlorobenzene	24	ug/Kg	U
SEE10071205PML1	10/7/2010	1,2,4-Trichlorobenzene	23	ug/Kg	UJ
SEE10071540PML1	10/7/2010	1,2,4-Trichlorobenzene	23	ug/Kg	UJ
SEE10041335JDF1	10/4/2010	1,2,4-Trichlorobenzene	23	ug/Kg	UJ
SEE09271025ARM1	9/27/2010	1,2,4-Trichlorobenzene	23	ug/Kg	U
SEE09171530PML1	9/17/2010	1,2,4-Trichlorobenzene	23	ug/Kg	U
SEE09051430PML1	9/5/2010	1,2,4-Trichlorobenzene	23	ug/Kg	U
SEE08271500PML1	8/27/2010	1,2,4-Trichlorobenzene	23	ug/kg	U
SEE10150945JDF1	10/15/2010	1,2,4-Trichlorobenzene	22	ug/Kg	UJ
SEE10111011JDF1	10/11/2010	1,2,4-Trichlorobenzene	22	ug/Kg	U
SEE10111350JDF1	10/11/2010	1,2,4-Trichlorobenzene	22	ug/Kg	U

**TABLE B-2b**  
**Upstream Sediment Samples (Morrow Lake)**

Sample ID	Sample Date	Analyte	Result	Unit	Data Qualifier
SEE10061051RCM1	10/6/2010	1,2,4-Trichlorobenzene	22	ug/Kg	U
SEE10041355ARM1	10/4/2010	1,2,4-Trichlorobenzene	22	ug/Kg	UJ
SEE09271515JDF1	9/27/2010	1,2,4-Trichlorobenzene	22	ug/Kg	U
SEE09221105JDF1	9/22/2010	1,2,4-Trichlorobenzene	22	ug/Kg	U
SEE09130940PML1	9/13/2010	1,2,4-Trichlorobenzene	22	ug/Kg	U
SEE08281215PML1	8/28/2010	1,2,4-Trichlorobenzene	22	ug/kg	U
SEE10121030JDF1	10/12/2010	1,2,4-Trichlorobenzene	21	ug/Kg	UJ
SEE09290925JDF1	9/29/2010	1,2,4-Trichlorobenzene	21	ug/Kg	U
SEE09091025JRP1	9/9/2010	1,2,4-Trichlorobenzene	21	ug/Kg	U
SEE09011635PML1	9/1/2010	1,2,4-Trichlorobenzene	21	ug/Kg	U
SEE08301520JRP1	8/30/2010	1,2,4-Trichlorobenzene	21	ug/Kg	U
SEE08281420TWH1	8/28/2010	1,2,4-Trichlorobenzene	21	ug/kg	U
SEE08261445JRP1	8/26/2010	1,2,4-Trichlorobenzene	21	ug/Kg	U
SEE10161055JDF1	10/16/2010	1,2,4-Trichlorobenzene	20	ug/Kg	U
SEE10151355ARM1	10/15/2010	1,2,4-Trichlorobenzene	20	ug/Kg	UJ
SEE10071415ARM1	10/7/2010	1,2,4-Trichlorobenzene	20	ug/Kg	UJ
SEE09031140MHS1	9/3/2010	1,2,4-Trichlorobenzene	20	ug/Kg	UJ
SEE08291421KAP1	8/29/2010	1,2,4-Trichlorobenzene	20	ug/kg	U
SEE08271145RCM1	8/27/2010	1,2,4-Trichlorobenzene	20	ug/kg	U
SEE10041050JDF1	10/4/2010	1,2,4-Trichlorobenzene	19	ug/Kg	UJ
SEE09301255MAE1	9/30/2010	1,2,4-Trichlorobenzene	19	ug/Kg	UJ
SEE09291645JDF1	9/29/2010	1,2,4-Trichlorobenzene	19	ug/Kg	U
SEE09051550MHS1	9/5/2010	1,2,4-Trichlorobenzene	19	ug/Kg	U
SEE09031645MHS1	9/3/2010	1,2,4-Trichlorobenzene	19	ug/Kg	UJ
SEE10041138RCM1	10/4/2010	1,2,4-Trichlorobenzene	18	ug/Kg	UJ
SEE09221615JDF1	9/22/2010	1,2,4-Trichlorobenzene	18	ug/Kg	U
SEE09191445RCM1	9/19/2010	1,2,4-Trichlorobenzene	18	ug/Kg	U
SEE08311010JRP1	8/31/2010	1,2,4-Trichlorobenzene	18	ug/Kg	UJ
SEE09250905RCM1	9/25/2010	1,2,4-Trichlorobenzene	17	ug/Kg	U
SEE09200911RCM1	9/20/2010	1,2,4-Trichlorobenzene	17	ug/Kg	U
SEE09090900JRP1	9/9/2010	1,2,4-Trichlorobenzene	17	ug/Kg	U
SEE09011545MHS1	9/1/2010	1,2,4-Trichlorobenzene	17	ug/Kg	U
SEE08281510TWH1	8/28/2010	1,2,4-Trichlorobenzene	17	ug/kg	U
SEE10170915JDF1	10/17/2010	1,2,4-Trichlorobenzene	16	ug/Kg	U
SEE09291135JDF1	9/29/2010	1,2,4-Trichlorobenzene	16	ug/Kg	U
SEE09260930RCM1	9/26/2010	1,2,4-Trichlorobenzene	16	ug/Kg	U
SEE09201110ARM1	9/20/2010	1,2,4-Trichlorobenzene	15	ug/Kg	U
SEE08301530JAW1	8/30/2010	1,2,4-Trichlorobenzene	15	ug/Kg	U
SEE08291550KAP1	8/29/2010	1,2,4-Trichlorobenzene	15	ug/kg	U
SEE10071151RCM1	10/7/2010	1,2,4-Trichlorobenzene	14	ug/Kg	UJ
SEE09211112RCM1	9/21/2010	1,2,4-Trichlorobenzene	14	ug/Kg	UJ
SEE08311348MHS1	8/31/2010	1,2,4-Trichlorobenzene	14	ug/Kg	UJ
SEE08300920JRP1	8/30/2010	1,2,4-Trichlorobenzene	14	ug/Kg	U
SEE08261620RCM1	8/26/2010	1,2,4-Trichlorobenzene	14	ug/kg	U
SEE10141025ARM1	10/14/2010	1,2,4-Trichlorobenzene	12	ug/Kg	U
SEE09130915JRP1	9/13/2010	1,2,4-Trichlorobenzene	12	ug/Kg	U
SEE10091200ARM1	10/9/2010	1,2,4-Trichlorobenzene	11	ug/Kg	U
SEE09291023RCM1	9/29/2010	1,2,4-Trichlorobenzene	11	ug/Kg	U
SEE09171445RCM1	9/17/2010	1,2,4-Trichlorobenzene	11	ug/Kg	U
SEE09161035RCM1	9/16/2010	1,2,4-Trichlorobenzene	11	ug/Kg	U
SEE09141312RCM1	9/14/2010	1,2,4-Trichlorobenzene	10	ug/Kg	UJ
SEE08291445PML1	8/29/2010	1,2,4-Trichlorobenzene	10	ug/kg	U
SEE08291354KAP1	8/29/2010	1,2,4-Trichlorobenzene	9.3	ug/kg	U
SEE10051415ARM1	10/5/2010	1,2,4-Trichlorobenzene	8.7	ug/Kg	UJ
SEE09061610JAW1	9/6/2010	1,2,4-Trichlorobenzene	8.5	ug/Kg	U
SEE10011125ARM1	10/1/2010	1,2,4-Trichlorobenzene	8.2	ug/Kg	UJ
SEE08261700JRP1	8/26/2010	1,2,4-Trichlorobenzene	8.2	ug/Kg	U
SEE09051500MHS1	9/5/2010	1,2,4-Trichlorobenzene	8.0	ug/Kg	U
SEE10171535ARM1	10/17/2010	1,2,4-Trichlorobenzene	7.9	ug/Kg	U
SEE09231035ARM1	9/23/2010	1,2,4-Trichlorobenzene	7.9	ug/Kg	UJ

**TABLE B-2b**  
**Upstream Sediment Samples (Morrow Lake)**

Sample ID	Sample Date	Analyte	Result	Unit	Data Qualifier
SEE09171200ARM1	9/17/2010	1,2,4-Trichlorobenzene	7.9	ug/Kg	U
SEE08271614TWH1	8/27/2010	1,2,4-Trichlorobenzene	7.8	ug/kg	U
SEE10081035ARM1	10/8/2010	1,2,4-Trichlorobenzene	7.6	ug/Kg	UJ
SEE08271652TWH1	8/27/2010	1,2,4-Trichlorobenzene	7.6	ug/kg	U
SEE09100945RCM1	9/10/2010	1,2,4-Trichlorobenzene	7.5	ug/Kg	UJ
SEE09211120ARM1	9/21/2010	1,2,4-Trichlorobenzene	7.4	ug/Kg	UJ
SEB09011143JLS1	9/1/2010	1,2,4-Trichlorobenzene	7.1	ug/Kg	U
SEE08301410JRP1	8/30/2010	1,2,4-Trichlorobenzene	7.0	ug/Kg	U
SEE09281445RCM1	9/28/2010	1,2,4-Trichlorobenzene	6.5	ug/Kg	U
SEE08271536TWH1	8/27/2010	1,2,4-Trichlorobenzene	6.3	ug/kg	U
SEE09271500ARM1	9/27/2010	1,2,4-Trichlorobenzene	6.2	ug/Kg	U
SEE09170935RCM1	9/17/2010	1,2,4-Trichlorobenzene	6.1	ug/Kg	U
SEF10011045TDF1	10/1/2010	1,2,4-Trichlorobenzene	6.0	ug/Kg	UJ
SEE09150915JRP1	9/15/2010	1,2,4-Trichlorobenzene	6.0	ug/Kg	U
SEE10011043RCM1	10/1/2010	1,2,4-Trichlorobenzene	5.8	ug/Kg	UJ
SEE09290915MAE1	9/29/2010	1,2,4-Trichlorobenzene	5.8	ug/Kg	U
SEE10131035ARM1	10/13/2010	1,2,4-Trichlorobenzene	5.5	ug/Kg	U
SEE10071045ARM1	10/7/2010	1,2,4-Trichlorobenzene	5.5	ug/Kg	UJ
SEE10041045ARM1	10/4/2010	1,2,4-Trichlorobenzene	5.5	ug/Kg	UJ
SEF10151030PMB3	10/15/2010	1,2,4-Trichlorobenzene	5.4	ug/Kg	UJ
SEF10081108TDF3	10/8/2010	1,2,4-Trichlorobenzene	5.4	ug/Kg	UJ
SEE09251235ARM1	9/25/2010	1,2,4-Trichlorobenzene	5.4	ug/Kg	U
SEE08281540JRP1	8/28/2010	1,2,4-Trichlorobenzene	5.4	ug/kg	U
SEF10051206TDF3	10/5/2010	1,2,4-Trichlorobenzene	5.3	ug/Kg	UJ
SEE09140945JRP1	9/14/2010	1,2,4-Trichlorobenzene	5.3	ug/Kg	UJ
SEE09080930JRP1	9/8/2010	1,2,4-Trichlorobenzene	5.3	ug/Kg	U
SEE09011515JAW1	9/1/2010	1,2,4-Trichlorobenzene	5.3	ug/Kg	U
SEE08301100JRP1	8/30/2010	1,2,4-Trichlorobenzene	5.3	ug/Kg	U
SEE10121040ARM1	10/12/2010	1,2,4-Trichlorobenzene	5.2	ug/Kg	UJ
SEF10121130PMB3	10/12/2010	1,2,4-Trichlorobenzene	5.2	ug/Kg	UJ
SEE09221045ARM1	9/22/2010	1,2,4-Trichlorobenzene	5.2	ug/Kg	U
SEE09100920JRP1	9/10/2010	1,2,4-Trichlorobenzene	5.1	ug/Kg	UJ
SEB08281400JLS1	8/28/2010	1,2,4-Trichlorobenzene	5.1	ug/kg	U
SEE09301025MAE1	9/30/2010	1,2,4-Trichlorobenzene	5.0	ug/Kg	UJ
SEE09051500JAW1	9/5/2010	1,2,4-Trichlorobenzene	5.0	ug/Kg	U
SEE10051145RCM1	10/5/2010	1,2,4-Trichlorobenzene	4.9	ug/Kg	UJ
SEE09070930JRP1	9/7/2010	1,2,4-Trichlorobenzene	4.9	ug/Kg	U
SEE10061135ARM1	10/6/2010	1,2,4-Trichlorobenzene	4.8	ug/Kg	U
SEE10181030JWP1	10/18/2010	1,2,4-Trichlorobenzene	4.6	ug/Kg	U
SEF09281139TDF1	9/28/2010	1,2,4-Trichlorobenzene	4.3	ug/Kg	U
SEE09231205RCM1	9/23/2010	1,2,4-Trichlorobenzene	3.3	ug/Kg	UJ
SEE08271445JRP1	8/27/2010	1,2,4-Trichlorobenzene	2.8	ug/kg	U
ML-07-S-082510	8/25/2010	1,2,4-Trichlorobenzene	0.73	mg/Kg	U
ML-03-S-082510	8/25/2010	1,2,4-Trichlorobenzene	0.43	mg/Kg	U
ML-06-S-082510	8/25/2010	1,2,4-Trichlorobenzene	0.42	mg/Kg	U
ML-07-S-082410	8/24/2010	1,2,4-Trichlorobenzene	0.41	mg/Kg	UJ
ML-06-S-082010	8/20/2010	1,2,4-Trichlorobenzene	0.38	mg/Kg	U
ML-08-S-082510	8/25/2010	1,2,4-Trichlorobenzene	0.37	mg/Kg	U
ML-08-S-082410	8/24/2010	1,2,4-Trichlorobenzene	0.37	mg/Kg	UJ
ML-06-S-082310	8/23/2010	1,2,4-Trichlorobenzene	0.37	mg/Kg	U
ML-07-S-082110	8/21/2010	1,2,4-Trichlorobenzene	0.37	mg/Kg	U
ML-08-S-082110	8/21/2010	1,2,4-Trichlorobenzene	0.37	mg/Kg	U
ML-10-S-082110	8/21/2010	1,2,4-Trichlorobenzene	0.37	mg/Kg	U
ML-10-S-082110	8/21/2010	1,2,4-Trichlorobenzene	0.37	mg/Kg	U
ML-10-S-081910	8/19/2010	1,2,4-Trichlorobenzene	0.37	mg/Kg	U
ML-10-S-081910	8/19/2010	1,2,4-Trichlorobenzene	0.37	mg/Kg	U
ML-07-S-081810	8/18/2010	1,2,4-Trichlorobenzene	0.37	mg/Kg	UJ
ML-09-S-081810	8/18/2010	1,2,4-Trichlorobenzene	0.37	mg/Kg	UJ
ML-10-S-082410	8/24/2010	1,2,4-Trichlorobenzene	0.36	mg/Kg	UJ
ML-10-S-082410	8/24/2010	1,2,4-Trichlorobenzene	0.36	mg/Kg	UJ

**TABLE B-2b**  
**Upstream Sediment Samples (Morrow Lake)**

Sample ID	Sample Date	Analyte	Result	Unit	Data Qualifier
ML-01-S-081610	8/16/2010	1,2,4-Trichlorobenzene	0.35	mg/Kg	U
ML-10-S-081610	8/16/2010	1,2,4-Trichlorobenzene	0.35	mg/Kg	U
ML-10-S-081610	8/16/2010	1,2,4-Trichlorobenzene	0.35	mg/Kg	U
ML-04-S-082410	8/24/2010	1,2,4-Trichlorobenzene	0.34	mg/Kg	UJ
ML-03-S-082310	8/23/2010	1,2,4-Trichlorobenzene	0.34	mg/Kg	U
ML-10-S-082110-D	8/21/2010	1,2,4-Trichlorobenzene	0.34	mg/Kg	U
ML-10-S-082110-D	8/21/2010	1,2,4-Trichlorobenzene	0.34	mg/Kg	U
ML-07-S-081610	8/16/2010	1,2,4-Trichlorobenzene	0.34	mg/Kg	U
ML-08-S-081610-D	8/16/2010	1,2,4-Trichlorobenzene	0.34	mg/Kg	U
ML-04-S-082610	8/26/2010	1,2,4-Trichlorobenzene	0.33	mg/Kg	U
ML-05-S-082310	8/23/2010	1,2,4-Trichlorobenzene	0.33	mg/Kg	U
ML-05-S-082010	8/20/2010	1,2,4-Trichlorobenzene	0.33	mg/Kg	U
ML-10-S-082610	8/26/2010	1,2,4-Trichlorobenzene	0.32	mg/Kg	U
ML-10-S-082610	8/26/2010	1,2,4-Trichlorobenzene	0.32	mg/Kg	U
ML-06-S-081710	8/17/2010	1,2,4-Trichlorobenzene	0.32	mg/Kg	U
ML-08-S-081610	8/16/2010	1,2,4-Trichlorobenzene	0.32	mg/Kg	U
ML-01-S-082510	8/25/2010	1,2,4-Trichlorobenzene	0.31	mg/Kg	U
ML-09-S-082510	8/25/2010	1,2,4-Trichlorobenzene	0.31	mg/Kg	U
ML-09-S-082410	8/24/2010	1,2,4-Trichlorobenzene	0.31	mg/Kg	UJ
ML-02-S-081710	8/17/2010	1,2,4-Trichlorobenzene	0.31	mg/Kg	U
ML-02-S-082510	8/25/2010	1,2,4-Trichlorobenzene	0.28	mg/Kg	U
ML-09-S-082110	8/21/2010	1,2,4-Trichlorobenzene	0.28	mg/Kg	U
ML-01-S-082110	8/21/2010	1,2,4-Trichlorobenzene	0.27	mg/Kg	U
ML-04-S-081710	8/17/2010	1,2,4-Trichlorobenzene	0.27	mg/Kg	U
ML-05-S-081710	8/17/2010	1,2,4-Trichlorobenzene	0.27	mg/Kg	U
ML-02-S-082310	8/23/2010	1,2,4-Trichlorobenzene	0.25	mg/Kg	U
ML-04-S-082010	8/20/2010	1,2,4-Trichlorobenzene	0.25	mg/Kg	U
ML-01-S-081910	8/19/2010	1,2,4-Trichlorobenzene	0.25	mg/Kg	U
ML-02-S-082010	8/20/2010	1,2,4-Trichlorobenzene	0.22	mg/Kg	U
ML-03-S-081610	8/16/2010	1,2,4-Trichlorobenzene	0.22	mg/Kg	U
ML-03-S-082010	8/20/2010	1,2,4-Trichlorobenzene	0.19	mg/Kg	U
ML-05-S-082610	8/26/2010	1,2,4-Trichlorobenzene	0.17	mg/Kg	U
SEE10211035JDF1	10/21/2010	1,2,4-Trimethylbenzene	620	ug/Kg	U
SEE10191515JDF1	10/19/2010	1,2,4-Trimethylbenzene	560	ug/Kg	U
SEE10211430JDF1	10/21/2010	1,2,4-Trimethylbenzene	540	ug/Kg	U
SEE10191005JDF1	10/19/2010	1,2,4-Trimethylbenzene	540	ug/Kg	U
SEE10221110JDF1	10/22/2010	1,2,4-Trimethylbenzene	530	ug/Kg	U
SEE10221110JDF1	10/22/2010	1,2,4-Trimethylbenzene	530	ug/Kg	U
SEE10191415JDF1	10/19/2010	1,2,4-Trimethylbenzene	510	ug/Kg	U
SEE10191155JDF1	10/19/2010	1,2,4-Trimethylbenzene	490	ug/Kg	U
SEE10211010JWP1	10/21/2010	1,2,4-Trimethylbenzene	470	ug/Kg	U
SEE10191100JDF1	10/19/2010	1,2,4-Trimethylbenzene	470	ug/Kg	U
SEE10221055DWS1	10/22/2010	1,2,4-Trimethylbenzene	450	ug/Kg	U
SEE10191010JWP1	10/19/2010	1,2,4-Trimethylbenzene	450	ug/Kg	U
SEE10141015JDF1	10/14/2010	1,2,4-Trimethylbenzene	280	ug/Kg	U
SEE10221450DWS1	10/22/2010	1,2,4-Trimethylbenzene	240	ug/Kg	U
SEE10211345JWP1	10/21/2010	1,2,4-Trimethylbenzene	220	ug/Kg	U
SEF10221050MAE3	10/22/2010	1,2,4-Trimethylbenzene	150	ug/Kg	U
SEF10191135NAC3	10/19/2010	1,2,4-Trimethylbenzene	150	ug/Kg	U
SEE10191115JWP1	10/19/2010	1,2,4-Trimethylbenzene	130	ug/Kg	U
SEE09200945PML1	9/20/2010	1,2,4-Trimethylbenzene	60	ug/Kg	U
SEE09200945PML1	9/20/2010	1,2,4-Trimethylbenzene	60	ug/Kg	U
SEE09201115RCM1	9/20/2010	1,2,4-Trimethylbenzene	58	ug/Kg	U
SEE09201645ARM1	9/20/2010	1,2,4-Trimethylbenzene	48	ug/Kg	U
SEE10071042RCM1	10/7/2010	1,2,4-Trimethylbenzene	45	ug/Kg	UJ
SEE09061500PML1	9/6/2010	1,2,4-Trimethylbenzene	45	ug/Kg	U
SEE08281607TWH1	8/28/2010	1,2,4-Trimethylbenzene	44	ug/kg	U
SEE09301105JDF1	9/30/2010	1,2,4-Trimethylbenzene	42	ug/Kg	UJ
SEE09181705PML1	9/18/2010	1,2,4-Trimethylbenzene	42	ug/Kg	U
SEE09021400PML1	9/2/2010	1,2,4-Trimethylbenzene	41	ug/Kg	U

**TABLE B-2b**  
**Upstream Sediment Samples (Morrow Lake)**

Sample ID	Sample Date	Analyte	Result	Unit	Data Qualifier
SEE08301130PML1	8/30/2010	1,2,4-Trimethylbenzene	41	ug/Kg	U
SEE10091401PML1	10/9/2010	1,2,4-Trimethylbenzene	40	ug/Kg	U
SEE10181035JDF1	10/18/2010	1,2,4-Trimethylbenzene	39	ug/Kg	U
SEE10051125PML1	10/5/2010	1,2,4-Trimethylbenzene	39	ug/Kg	UJ
SEE08311045PML1	8/31/2010	1,2,4-Trimethylbenzene	39	ug/Kg	U
SEE10141555ARM1	10/14/2010	1,2,4-Trimethylbenzene	38	ug/Kg	U
SEE09101215PML1	9/10/2010	1,2,4-Trimethylbenzene	38	ug/Kg	U
SEE10161530JDF1	10/16/2010	1,2,4-Trimethylbenzene	37	ug/Kg	U
SEE10081115PML1	10/8/2010	1,2,4-Trimethylbenzene	37	ug/Kg	UJ
SEE09030925PML1	9/3/2010	1,2,4-Trimethylbenzene	37	ug/Kg	UJ
SEE09031115JAW1	9/3/2010	1,2,4-Trimethylbenzene	37	ug/Kg	UJ
SEE08281505PML1	8/28/2010	1,2,4-Trimethylbenzene	37	ug/kg	UJ
SEE10171410JDF1	10/17/2010	1,2,4-Trimethylbenzene	36	ug/Kg	U
SEE09191530PML1	9/19/2010	1,2,4-Trimethylbenzene	36	ug/Kg	U
SEE09181235PML1	9/18/2010	1,2,4-Trimethylbenzene	36	ug/Kg	U
SEE09141135PML1	9/14/2010	1,2,4-Trimethylbenzene	36	ug/Kg	UJ
SEE09101022PML1	9/10/2010	1,2,4-Trimethylbenzene	36	ug/Kg	U
SEE10171115JDF1	10/17/2010	1,2,4-Trimethylbenzene	35	ug/Kg	U
SEE08311420PML1	8/31/2010	1,2,4-Trimethylbenzene	35	ug/Kg	U
SEE08311420PML1	8/31/2010	1,2,4-Trimethylbenzene	35	ug/Kg	U
SEE08271215PML1	8/27/2010	1,2,4-Trimethylbenzene	35	ug/kg	U
SEE10041530JDF1	10/4/2010	1,2,4-Trimethylbenzene	34	ug/Kg	UJ
SEE09121105RCM1	9/12/2010	1,2,4-Trimethylbenzene	34	ug/Kg	U
SEE09011545PML1	9/1/2010	1,2,4-Trimethylbenzene	34	ug/Kg	U
SEE08301550PML1	8/30/2010	1,2,4-Trimethylbenzene	34	ug/Kg	U
SEE10181210JDF1	10/18/2010	1,2,4-Trimethylbenzene	33	ug/Kg	U
SEE10181430JWP1	10/18/2010	1,2,4-Trimethylbenzene	33	ug/Kg	U
SEE10181510JDF1	10/18/2010	1,2,4-Trimethylbenzene	33	ug/Kg	U
SEE10181510JDF1	10/18/2010	1,2,4-Trimethylbenzene	33	ug/Kg	U
SEE10131150JDF1	10/13/2010	1,2,4-Trimethylbenzene	33	ug/Kg	U
SEE10101010PML1	10/10/2010	1,2,4-Trimethylbenzene	33	ug/Kg	U
SEE10101215PML1	10/10/2010	1,2,4-Trimethylbenzene	33	ug/Kg	U
SEE10101215PML1	10/10/2010	1,2,4-Trimethylbenzene	33	ug/Kg	U
SEE09140945PML1	9/14/2010	1,2,4-Trimethylbenzene	33	ug/Kg	UJ
SEE09061525MHS1	9/6/2010	1,2,4-Trimethylbenzene	33	ug/Kg	U
SEE09051130PML1	9/5/2010	1,2,4-Trimethylbenzene	33	ug/Kg	U
SEE09031100PML1	9/3/2010	1,2,4-Trimethylbenzene	33	ug/Kg	UJ
SEE09021010PML1	9/2/2010	1,2,4-Trimethylbenzene	33	ug/Kg	U
SEE08281630RCM1	8/28/2010	1,2,4-Trimethylbenzene	33	ug/kg	UJ
SEE10031115JDF1	10/3/2010	1,2,4-Trimethylbenzene	32	ug/Kg	U
SEE10031115JDF1	10/3/2010	1,2,4-Trimethylbenzene	32	ug/Kg	U
SEE09301205RCM1	9/30/2010	1,2,4-Trimethylbenzene	32	ug/Kg	UJ
SEE09301255JDF1	9/30/2010	1,2,4-Trimethylbenzene	32	ug/Kg	UJ
SEE09231645JDF1	9/23/2010	1,2,4-Trimethylbenzene	32	ug/Kg	U
SEE09141515PML1	9/14/2010	1,2,4-Trimethylbenzene	32	ug/Kg	UJ
SEE09101625PML1	9/10/2010	1,2,4-Trimethylbenzene	32	ug/Kg	U
SEE09091005RCM1	9/9/2010	1,2,4-Trimethylbenzene	32	ug/Kg	U
SEE09061105PML1	9/6/2010	1,2,4-Trimethylbenzene	32	ug/Kg	U
SEE09031650PML1	9/3/2010	1,2,4-Trimethylbenzene	32	ug/Kg	UJ
SEE09031650PML1	9/3/2010	1,2,4-Trimethylbenzene	32	ug/Kg	UJ
SEE10081231PML1	10/8/2010	1,2,4-Trimethylbenzene	31	ug/Kg	UJ
SEE09231210JDF1	9/23/2010	1,2,4-Trimethylbenzene	31	ug/Kg	U
SEE09161045PML1	9/16/2010	1,2,4-Trimethylbenzene	31	ug/Kg	U
SEE09081205PML1	9/8/2010	1,2,4-Trimethylbenzene	31	ug/Kg	U
SEE09071050PML1	9/7/2010	1,2,4-Trimethylbenzene	31	ug/Kg	U
SEE08301145MHS1	8/30/2010	1,2,4-Trimethylbenzene	31	ug/Kg	U
SEE10161115ARM1	10/16/2010	1,2,4-Trimethylbenzene	30	ug/Kg	U
SEE10120930JDF1	10/12/2010	1,2,4-Trimethylbenzene	30	ug/Kg	U
SEE10071101PML1	10/7/2010	1,2,4-Trimethylbenzene	30	ug/Kg	UJ
SEE09261625JDF1	9/26/2010	1,2,4-Trimethylbenzene	30	ug/Kg	U

**TABLE B-2b**  
**Upstream Sediment Samples (Morrow Lake)**

Sample ID	Sample Date	Analyte	Result	Unit	Data Qualifier
SEE09261625JDF1	9/26/2010	1,2,4-Trimethylbenzene	30	ug/Kg	U
SEE09131445RCM1	9/13/2010	1,2,4-Trimethylbenzene	30	ug/Kg	U
SEE09121055PML1	9/12/2010	1,2,4-Trimethylbenzene	30	ug/Kg	U
SEE09121055PML1	9/12/2010	1,2,4-Trimethylbenzene	30	ug/Kg	U
SEE09121436RCM1	9/12/2010	1,2,4-Trimethylbenzene	30	ug/Kg	U
SEE09091410RCM1	9/9/2010	1,2,4-Trimethylbenzene	30	ug/Kg	U
SEE09011050PML1	9/1/2010	1,2,4-Trimethylbenzene	30	ug/Kg	U
SEE10081051RCM1	10/8/2010	1,2,4-Trimethylbenzene	29	ug/Kg	UJ
SEE10061640PML1	10/6/2010	1,2,4-Trimethylbenzene	29	ug/Kg	U
SEE10061640PML1	10/6/2010	1,2,4-Trimethylbenzene	29	ug/Kg	U
SEE10051653PML1	10/5/2010	1,2,4-Trimethylbenzene	29	ug/Kg	UJ
SEE09261215JDF1	9/26/2010	1,2,4-Trimethylbenzene	29	ug/Kg	U
SEE09231130ARM1	9/23/2010	1,2,4-Trimethylbenzene	29	ug/Kg	U
SEE09191040PML1	9/19/2010	1,2,4-Trimethylbenzene	29	ug/Kg	U
SEE09131026RCM1	9/13/2010	1,2,4-Trimethylbenzene	29	ug/Kg	U
SEE09131505PML1	9/13/2010	1,2,4-Trimethylbenzene	29	ug/Kg	U
SEE09040950PML1	9/4/2010	1,2,4-Trimethylbenzene	29	ug/Kg	U
SEE10011120JDF1	10/1/2010	1,2,4-Trimethylbenzene	28	ug/Kg	U
SEE09211155JDF1	9/21/2010	1,2,4-Trimethylbenzene	28	ug/Kg	U
SEE09171415PML1	9/17/2010	1,2,4-Trimethylbenzene	28	ug/Kg	U
SEE09151145PML1	9/15/2010	1,2,4-Trimethylbenzene	28	ug/Kg	U
SEE09151145PML1	9/15/2010	1,2,4-Trimethylbenzene	28	ug/Kg	U
SEE09131620PML1	9/13/2010	1,2,4-Trimethylbenzene	28	ug/Kg	U
SEE09121450PML1	9/12/2010	1,2,4-Trimethylbenzene	28	ug/Kg	U
SEE09091515PML1	9/9/2010	1,2,4-Trimethylbenzene	28	ug/Kg	U
SEE09081010PML1	9/8/2010	1,2,4-Trimethylbenzene	28	ug/Kg	U
SEE09081020RCM1	9/8/2010	1,2,4-Trimethylbenzene	28	ug/Kg	U
SEE09011255PML1	9/1/2010	1,2,4-Trimethylbenzene	28	ug/Kg	U
SEE08301015JRP1	8/30/2010	1,2,4-Trimethylbenzene	28	ug/Kg	U
SEE08261420RCM1	8/26/2010	1,2,4-Trimethylbenzene	28	ug/kg	U
SEE10091614PML1	10/9/2010	1,2,4-Trimethylbenzene	27	ug/Kg	U
SEE10061205PML1	10/6/2010	1,2,4-Trimethylbenzene	27	ug/Kg	U
SEE10041150JDF1	10/4/2010	1,2,4-Trimethylbenzene	27	ug/Kg	UJ
SEE09251135JDF1	9/25/2010	1,2,4-Trimethylbenzene	27	ug/Kg	U
SEE09221440JDF1	9/22/2010	1,2,4-Trimethylbenzene	27	ug/Kg	U
SEE09170839RCM1	9/17/2010	1,2,4-Trimethylbenzene	27	ug/Kg	U
SEE09151015PML1	9/15/2010	1,2,4-Trimethylbenzene	27	ug/Kg	U
SEE08291110PML1	8/29/2010	1,2,4-Trimethylbenzene	27	ug/kg	U
SEE10141150JDF1	10/14/2010	1,2,4-Trimethylbenzene	26	ug/Kg	U
SEE10141550JDF1	10/14/2010	1,2,4-Trimethylbenzene	26	ug/Kg	U
SEE10141550JDF1	10/14/2010	1,2,4-Trimethylbenzene	26	ug/Kg	U
SEE10121155JDF1	10/12/2010	1,2,4-Trimethylbenzene	26	ug/Kg	U
SEE09271130JDF1	9/27/2010	1,2,4-Trimethylbenzene	26	ug/Kg	U
SEE09131125PML1	9/13/2010	1,2,4-Trimethylbenzene	26	ug/Kg	U
SEE09091010PML1	9/9/2010	1,2,4-Trimethylbenzene	26	ug/Kg	U
SEE09091145PML1	9/9/2010	1,2,4-Trimethylbenzene	26	ug/Kg	U
SEE09091410PML1	9/9/2010	1,2,4-Trimethylbenzene	26	ug/Kg	U
SEE09061130MHS1	9/6/2010	1,2,4-Trimethylbenzene	26	ug/Kg	U
SEE09011145PML1	9/1/2010	1,2,4-Trimethylbenzene	26	ug/Kg	U
SEE08301638MHS1	8/30/2010	1,2,4-Trimethylbenzene	26	ug/Kg	U
SEE10151055ARM1	10/15/2010	1,2,4-Trimethylbenzene	25	ug/Kg	U
SEE10121415ARM1	10/12/2010	1,2,4-Trimethylbenzene	25	ug/Kg	U
SEE10111125JDF1	10/11/2010	1,2,4-Trimethylbenzene	25	ug/Kg	U
SEE10031425JDF1	10/3/2010	1,2,4-Trimethylbenzene	25	ug/Kg	U
SEE09291035JDF1	9/29/2010	1,2,4-Trimethylbenzene	25	ug/Kg	U
SEE09220935RCM1	9/22/2010	1,2,4-Trimethylbenzene	25	ug/Kg	U
SEE09111015PML1	9/11/2010	1,2,4-Trimethylbenzene	25	ug/Kg	U
SEE09051015PML1	9/5/2010	1,2,4-Trimethylbenzene	25	ug/Kg	U
SEE08301445JRP1	8/30/2010	1,2,4-Trimethylbenzene	25	ug/Kg	U
SEE10161415JDF1	10/16/2010	1,2,4-Trimethylbenzene	24	ug/Kg	U

**TABLE B-2b**  
**Upstream Sediment Samples (Morrow Lake)**

Sample ID	Sample Date	Analyte	Result	Unit	Data Qualifier
SEE10040945JDF1	10/4/2010	1,2,4-Trimethylbenzene	24	ug/Kg	UJ
SEE09230955RCM1	9/23/2010	1,2,4-Trimethylbenzene	24	ug/Kg	U
SEE09211530JDF1	9/21/2010	1,2,4-Trimethylbenzene	24	ug/Kg	U
SEE09170945PML1	9/17/2010	1,2,4-Trimethylbenzene	24	ug/Kg	U
SEE09171125PML1	9/17/2010	1,2,4-Trimethylbenzene	24	ug/Kg	U
SEE09130955JRP1	9/13/2010	1,2,4-Trimethylbenzene	24	ug/Kg	U
SEE09091605PML1	9/9/2010	1,2,4-Trimethylbenzene	24	ug/Kg	U
SEE09041350PML1	9/4/2010	1,2,4-Trimethylbenzene	24	ug/Kg	U
SEE10071205PML1	10/7/2010	1,2,4-Trimethylbenzene	23	ug/Kg	UJ
SEE10071540PML1	10/7/2010	1,2,4-Trimethylbenzene	23	ug/Kg	UJ
SEE10041335JDF1	10/4/2010	1,2,4-Trimethylbenzene	23	ug/Kg	UJ
SEE09271025ARM1	9/27/2010	1,2,4-Trimethylbenzene	23	ug/Kg	U
SEE09171530PML1	9/17/2010	1,2,4-Trimethylbenzene	23	ug/Kg	U
SEE09051430PML1	9/5/2010	1,2,4-Trimethylbenzene	23	ug/Kg	U
SEE08271500PML1	8/27/2010	1,2,4-Trimethylbenzene	23	ug/kg	U
SEE10150945JDF1	10/15/2010	1,2,4-Trimethylbenzene	22	ug/Kg	U
SEE10111011JDF1	10/11/2010	1,2,4-Trimethylbenzene	22	ug/Kg	U
SEE10111350JDF1	10/11/2010	1,2,4-Trimethylbenzene	22	ug/Kg	U
SEE10061051RCM1	10/6/2010	1,2,4-Trimethylbenzene	22	ug/Kg	U
SEE10041355ARM1	10/4/2010	1,2,4-Trimethylbenzene	22	ug/Kg	UJ
SEE09271515JDF1	9/27/2010	1,2,4-Trimethylbenzene	22	ug/Kg	U
SEE09221105JDF1	9/22/2010	1,2,4-Trimethylbenzene	22	ug/Kg	U
SEE09130940PML1	9/13/2010	1,2,4-Trimethylbenzene	22	ug/Kg	U
SEE08281215PML1	8/28/2010	1,2,4-Trimethylbenzene	22	ug/kg	U
SEE10121030JDF1	10/12/2010	1,2,4-Trimethylbenzene	21	ug/Kg	U
SEE09290925JDF1	9/29/2010	1,2,4-Trimethylbenzene	21	ug/Kg	U
SEE09091025JRP1	9/9/2010	1,2,4-Trimethylbenzene	21	ug/Kg	U
SEE09011635PML1	9/1/2010	1,2,4-Trimethylbenzene	21	ug/Kg	U
SEE08301520JRP1	8/30/2010	1,2,4-Trimethylbenzene	21	ug/Kg	U
SEE08281420TWH1	8/28/2010	1,2,4-Trimethylbenzene	21	ug/kg	U
SEE08261445JRP1	8/26/2010	1,2,4-Trimethylbenzene	21	ug/Kg	U
SEE10161055JDF1	10/16/2010	1,2,4-Trimethylbenzene	20	ug/Kg	U
SEE10151355ARM1	10/15/2010	1,2,4-Trimethylbenzene	20	ug/Kg	U
SEE10071415ARM1	10/7/2010	1,2,4-Trimethylbenzene	20	ug/Kg	UJ
SEE09031140MHS1	9/3/2010	1,2,4-Trimethylbenzene	20	ug/Kg	UJ
SEE08291421KAP1	8/29/2010	1,2,4-Trimethylbenzene	20	ug/kg	U
SEE08271145RCM1	8/27/2010	1,2,4-Trimethylbenzene	20	ug/kg	U
SEE10041050JDF1	10/4/2010	1,2,4-Trimethylbenzene	19	ug/Kg	UJ
SEE09301255MAE1	9/30/2010	1,2,4-Trimethylbenzene	19	ug/Kg	UJ
SEE09291645JDF1	9/29/2010	1,2,4-Trimethylbenzene	19	ug/Kg	U
SEE09051550MHS1	9/5/2010	1,2,4-Trimethylbenzene	19	ug/Kg	U
SEE09031645MHS1	9/3/2010	1,2,4-Trimethylbenzene	19	ug/Kg	UJ
SEE10041138RCM1	10/4/2010	1,2,4-Trimethylbenzene	18	ug/Kg	UJ
SEE09221615JDF1	9/22/2010	1,2,4-Trimethylbenzene	18	ug/Kg	U
SEE09191445RCM1	9/19/2010	1,2,4-Trimethylbenzene	18	ug/Kg	U
SEE08311010JRP1	8/31/2010	1,2,4-Trimethylbenzene	18	ug/Kg	U
SEE09250905RCM1	9/25/2010	1,2,4-Trimethylbenzene	17	ug/Kg	U
SEE09200911RCM1	9/20/2010	1,2,4-Trimethylbenzene	17	ug/Kg	U
SEE09090900JRP1	9/9/2010	1,2,4-Trimethylbenzene	17	ug/Kg	U
SEE09011545MHS1	9/1/2010	1,2,4-Trimethylbenzene	17	ug/Kg	U
SEE08281510TWH1	8/28/2010	1,2,4-Trimethylbenzene	17	ug/kg	U
SEE10170915JDF1	10/17/2010	1,2,4-Trimethylbenzene	16	ug/Kg	U
SEE09291135JDF1	9/29/2010	1,2,4-Trimethylbenzene	16	ug/Kg	U
SEE09260930RCM1	9/26/2010	1,2,4-Trimethylbenzene	16	ug/Kg	U
SEE09201110ARM1	9/20/2010	1,2,4-Trimethylbenzene	15	ug/Kg	U
SEE08301530JAW1	8/30/2010	1,2,4-Trimethylbenzene	15	ug/Kg	U
SEE08291550KAP1	8/29/2010	1,2,4-Trimethylbenzene	15	ug/kg	U
SEE10071151RCM1	10/7/2010	1,2,4-Trimethylbenzene	14	ug/Kg	UJ
SEE09211112RCM1	9/21/2010	1,2,4-Trimethylbenzene	14	ug/Kg	U
SEE08311348MHS1	8/31/2010	1,2,4-Trimethylbenzene	14	ug/Kg	U

**TABLE B-2b**  
**Upstream Sediment Samples (Morrow Lake)**

Sample ID	Sample Date	Analyte	Result	Unit	Data Qualifier
SEE08300920JRP1	8/30/2010	1,2,4-Trimethylbenzene	14	ug/Kg	U
SEE08261620RCM1	8/26/2010	1,2,4-Trimethylbenzene	14	ug/kg	U
SEE10141025ARM1	10/14/2010	1,2,4-Trimethylbenzene	12	ug/Kg	U
SEE09130915JRP1	9/13/2010	1,2,4-Trimethylbenzene	12	ug/Kg	U
SEE10091200ARM1	10/9/2010	1,2,4-Trimethylbenzene	11	ug/Kg	U
SEE09291023RCM1	9/29/2010	1,2,4-Trimethylbenzene	11	ug/Kg	U
SEE09171445RCM1	9/17/2010	1,2,4-Trimethylbenzene	11	ug/Kg	U
SEE09161035RCM1	9/16/2010	1,2,4-Trimethylbenzene	11	ug/Kg	U
SEE09141312RCM1	9/14/2010	1,2,4-Trimethylbenzene	10	ug/Kg	UJ
SEE08291445PML1	8/29/2010	1,2,4-Trimethylbenzene	10	ug/kg	U
SEE08291354KAP1	8/29/2010	1,2,4-Trimethylbenzene	9.3	ug/kg	U
SEE10051415ARM1	10/5/2010	1,2,4-Trimethylbenzene	8.7	ug/Kg	UJ
SEE09061610JAW1	9/6/2010	1,2,4-Trimethylbenzene	8.5	ug/Kg	U
SEE10011125ARM1	10/1/2010	1,2,4-Trimethylbenzene	8.2	ug/Kg	U
SEE08261700JRP1	8/26/2010	1,2,4-Trimethylbenzene	8.2	ug/Kg	U
SEE09051500MHS1	9/5/2010	1,2,4-Trimethylbenzene	8.0	ug/Kg	U
SEE10171535ARM1	10/17/2010	1,2,4-Trimethylbenzene	7.9	ug/Kg	U
SEE09231035ARM1	9/23/2010	1,2,4-Trimethylbenzene	7.9	ug/Kg	U
SEE09171200ARM1	9/17/2010	1,2,4-Trimethylbenzene	7.9	ug/Kg	U
SEE08271614TWH1	8/27/2010	1,2,4-Trimethylbenzene	7.8	ug/kg	U
SEE10081035ARM1	10/8/2010	1,2,4-Trimethylbenzene	7.6	ug/Kg	UJ
SEE08271652TWH1	8/27/2010	1,2,4-Trimethylbenzene	7.6	ug/kg	U
SEE09100945RCM1	9/10/2010	1,2,4-Trimethylbenzene	7.5	ug/Kg	U
SEE09211120ARM1	9/21/2010	1,2,4-Trimethylbenzene	7.4	ug/Kg	U
SEB09011143JLS1	9/1/2010	1,2,4-Trimethylbenzene	7.1	ug/Kg	U
SEE08301410JRP1	8/30/2010	1,2,4-Trimethylbenzene	7.0	ug/Kg	U
SEE09281445RCM1	9/28/2010	1,2,4-Trimethylbenzene	6.5	ug/Kg	U
SEE08271536TWH1	8/27/2010	1,2,4-Trimethylbenzene	6.3	ug/kg	U
SEE09271500ARM1	9/27/2010	1,2,4-Trimethylbenzene	6.2	ug/Kg	U
SEE09170935RCM1	9/17/2010	1,2,4-Trimethylbenzene	6.1	ug/Kg	U
SEF10011045TDF1	10/1/2010	1,2,4-Trimethylbenzene	6.0	ug/Kg	U
SEE09150915JRP1	9/15/2010	1,2,4-Trimethylbenzene	6.0	ug/Kg	U
SEE10011043RCM1	10/1/2010	1,2,4-Trimethylbenzene	5.8	ug/Kg	U
SEE09290915MAE1	9/29/2010	1,2,4-Trimethylbenzene	5.8	ug/Kg	U
SEE10131035ARM1	10/13/2010	1,2,4-Trimethylbenzene	5.5	ug/Kg	U
SEE10071045ARM1	10/7/2010	1,2,4-Trimethylbenzene	5.5	ug/Kg	UJ
SEE10041045ARM1	10/4/2010	1,2,4-Trimethylbenzene	5.5	ug/Kg	UJ
SEF10151030PMB3	10/15/2010	1,2,4-Trimethylbenzene	5.4	ug/Kg	U
SEF10081108TDF3	10/8/2010	1,2,4-Trimethylbenzene	5.4	ug/Kg	UJ
SEE09251235ARM1	9/25/2010	1,2,4-Trimethylbenzene	5.4	ug/Kg	U
SEE08281540JRP1	8/28/2010	1,2,4-Trimethylbenzene	5.4	ug/kg	U
SEF10051206TDF3	10/5/2010	1,2,4-Trimethylbenzene	5.3	ug/Kg	UJ
SEE09140945JRP1	9/14/2010	1,2,4-Trimethylbenzene	5.3	ug/Kg	UJ
SEE09080930JRP1	9/8/2010	1,2,4-Trimethylbenzene	5.3	ug/Kg	U
SEE09011515JAW1	9/1/2010	1,2,4-Trimethylbenzene	5.3	ug/Kg	U
SEE08301100JRP1	8/30/2010	1,2,4-Trimethylbenzene	5.3	ug/Kg	U
SEE10121040ARM1	10/12/2010	1,2,4-Trimethylbenzene	5.2	ug/Kg	U
SEF10121130PMB3	10/12/2010	1,2,4-Trimethylbenzene	5.2	ug/Kg	U
SEE09221045ARM1	9/22/2010	1,2,4-Trimethylbenzene	5.2	ug/Kg	U
SEE09100920JRP1	9/10/2010	1,2,4-Trimethylbenzene	5.1	ug/Kg	U
SEB08281400JLS1	8/28/2010	1,2,4-Trimethylbenzene	5.1	ug/kg	U
SEE09301025MAE1	9/30/2010	1,2,4-Trimethylbenzene	5.0	ug/Kg	UJ
SEE09051500JAW1	9/5/2010	1,2,4-Trimethylbenzene	5.0	ug/Kg	U
SEE10051145RCM1	10/5/2010	1,2,4-Trimethylbenzene	4.9	ug/Kg	UJ
SEE09070930JRP1	9/7/2010	1,2,4-Trimethylbenzene	4.9	ug/Kg	U
SEE10181030JWP1	10/18/2010	1,2,4-Trimethylbenzene	4.6	ug/Kg	U
SEF09281139TDF1	9/28/2010	1,2,4-Trimethylbenzene	4.3	ug/Kg	U
SEE09231205RCM1	9/23/2010	1,2,4-Trimethylbenzene	3.3	ug/Kg	U
SEE10061135ARM1	10/6/2010	1,2,4-Trimethylbenzene	2.9	ug/Kg	J
SEE08271445JRP1	8/27/2010	1,2,4-Trimethylbenzene	2.8	ug/kg	U



**TABLE B-2b**  
**Upstream Sediment Samples (Morrow Lake)**

Sample ID	Sample Date	Analyte	Result	Unit	Data Qualifier
SEE10211035JDF1	10/21/2010	1,2-Dibromo-3-Chloropropane	1200	ug/Kg	U
SEE10221110JDF1	10/22/2010	1,2-Dibromo-3-Chloropropane	1100	ug/Kg	U
SEE10221110JDF1	10/22/2010	1,2-Dibromo-3-Chloropropane	1100	ug/Kg	U
SEE10211430JDF1	10/21/2010	1,2-Dibromo-3-Chloropropane	1100	ug/Kg	U
SEE10191005JDF1	10/19/2010	1,2-Dibromo-3-Chloropropane	1100	ug/Kg	U
SEE10191515JDF1	10/19/2010	1,2-Dibromo-3-Chloropropane	1100	ug/Kg	U
SEE10191415JDF1	10/19/2010	1,2-Dibromo-3-Chloropropane	1000	ug/Kg	U
SEE10191155JDF1	10/19/2010	1,2-Dibromo-3-Chloropropane	970	ug/Kg	U
SEE10191100JDF1	10/19/2010	1,2-Dibromo-3-Chloropropane	950	ug/Kg	U
SEE10211010JWP1	10/21/2010	1,2-Dibromo-3-Chloropropane	940	ug/Kg	U
SEE10221055DWS1	10/22/2010	1,2-Dibromo-3-Chloropropane	910	ug/Kg	U
SEE10191010JWP1	10/19/2010	1,2-Dibromo-3-Chloropropane	900	ug/Kg	U
SEE10221450DWS1	10/22/2010	1,2-Dibromo-3-Chloropropane	490	ug/Kg	U
SEE10211345JWP1	10/21/2010	1,2-Dibromo-3-Chloropropane	440	ug/Kg	U
SEF10221050MAE3	10/22/2010	1,2-Dibromo-3-Chloropropane	310	ug/Kg	U
SEF10191135NAC3	10/19/2010	1,2-Dibromo-3-Chloropropane	300	ug/Kg	U
SEE10141015JDF1	10/14/2010	1,2-Dibromo-3-Chloropropane	280	ug/Kg	U
SEE10191115JWP1	10/19/2010	1,2-Dibromo-3-Chloropropane	270	ug/Kg	U
SEE08281607TWH1	8/28/2010	1,2-Dibromo-3-Chloropropane	87	ug/kg	U
SEE08281505PML1	8/28/2010	1,2-Dibromo-3-Chloropropane	73	ug/kg	UJ
SEE08271215PML1	8/27/2010	1,2-Dibromo-3-Chloropropane	70	ug/kg	U
SEE08281630RCM1	8/28/2010	1,2-Dibromo-3-Chloropropane	66	ug/kg	UJ
SEE09200945PML1	9/20/2010	1,2-Dibromo-3-Chloropropane	60	ug/Kg	U
SEE09200945PML1	9/20/2010	1,2-Dibromo-3-Chloropropane	60	ug/Kg	U
SEE09201115RCM1	9/20/2010	1,2-Dibromo-3-Chloropropane	58	ug/Kg	U
SEE08261420RCM1	8/26/2010	1,2-Dibromo-3-Chloropropane	55	ug/kg	U
SEE08291110PML1	8/29/2010	1,2-Dibromo-3-Chloropropane	54	ug/kg	U
SEE09201645ARM1	9/20/2010	1,2-Dibromo-3-Chloropropane	48	ug/Kg	U
SEE10071042RCM1	10/7/2010	1,2-Dibromo-3-Chloropropane	45	ug/Kg	U
SEE09061500PML1	9/6/2010	1,2-Dibromo-3-Chloropropane	45	ug/Kg	U
SEE08271500PML1	8/27/2010	1,2-Dibromo-3-Chloropropane	45	ug/kg	U
SEE08281215PML1	8/28/2010	1,2-Dibromo-3-Chloropropane	44	ug/kg	U
SEE09301105JDF1	9/30/2010	1,2-Dibromo-3-Chloropropane	42	ug/Kg	U
SEE09181705PML1	9/18/2010	1,2-Dibromo-3-Chloropropane	42	ug/Kg	U
SEE08281420TWH1	8/28/2010	1,2-Dibromo-3-Chloropropane	42	ug/kg	U
SEE09021400PML1	9/2/2010	1,2-Dibromo-3-Chloropropane	41	ug/Kg	U
SEE08301130PML1	8/30/2010	1,2-Dibromo-3-Chloropropane	41	ug/Kg	U
SEE10091401PML1	10/9/2010	1,2-Dibromo-3-Chloropropane	40	ug/Kg	U
SEE08291421KAP1	8/29/2010	1,2-Dibromo-3-Chloropropane	40	ug/kg	U
SEE08271145RCM1	8/27/2010	1,2-Dibromo-3-Chloropropane	40	ug/kg	U
SEE10181035JDF1	10/18/2010	1,2-Dibromo-3-Chloropropane	39	ug/Kg	U
SEE10051125PML1	10/5/2010	1,2-Dibromo-3-Chloropropane	39	ug/Kg	U
SEE08311045PML1	8/31/2010	1,2-Dibromo-3-Chloropropane	39	ug/Kg	U
SEE10141555ARM1	10/14/2010	1,2-Dibromo-3-Chloropropane	38	ug/Kg	U
SEE09101215PML1	9/10/2010	1,2-Dibromo-3-Chloropropane	38	ug/Kg	U
SEE10161530JDF1	10/16/2010	1,2-Dibromo-3-Chloropropane	37	ug/Kg	U
SEE10081115PML1	10/8/2010	1,2-Dibromo-3-Chloropropane	37	ug/Kg	U
SEE09030925PML1	9/3/2010	1,2-Dibromo-3-Chloropropane	37	ug/Kg	U
SEE09031115JAW1	9/3/2010	1,2-Dibromo-3-Chloropropane	37	ug/Kg	U
SEE10171410JDF1	10/17/2010	1,2-Dibromo-3-Chloropropane	36	ug/Kg	U
SEE09191530PML1	9/19/2010	1,2-Dibromo-3-Chloropropane	36	ug/Kg	U
SEE09181235PML1	9/18/2010	1,2-Dibromo-3-Chloropropane	36	ug/Kg	U
SEE09141135PML1	9/14/2010	1,2-Dibromo-3-Chloropropane	36	ug/Kg	U
SEE09101022PML1	9/10/2010	1,2-Dibromo-3-Chloropropane	36	ug/Kg	U
SEE10171115JDF1	10/17/2010	1,2-Dibromo-3-Chloropropane	35	ug/Kg	U
SEE08311420PML1	8/31/2010	1,2-Dibromo-3-Chloropropane	35	ug/Kg	U
SEE08311420PML1	8/31/2010	1,2-Dibromo-3-Chloropropane	35	ug/Kg	U
SEE10041530JDF1	10/4/2010	1,2-Dibromo-3-Chloropropane	34	ug/Kg	U
SEE09121105RCM1	9/12/2010	1,2-Dibromo-3-Chloropropane	34	ug/Kg	U
SEE09011545PML1	9/1/2010	1,2-Dibromo-3-Chloropropane	34	ug/Kg	U

**TABLE B-2b**  
**Upstream Sediment Samples (Morrow Lake)**

Sample ID	Sample Date	Analyte	Result	Unit	Data Qualifier
SEE08301550PML1	8/30/2010	1,2-Dibromo-3-Chloropropane	34	ug/Kg	U
SEE08281510TWH1	8/28/2010	1,2-Dibromo-3-Chloropropane	34	ug/kg	U
SEE10181210JDF1	10/18/2010	1,2-Dibromo-3-Chloropropane	33	ug/Kg	U
SEE10181430JWP1	10/18/2010	1,2-Dibromo-3-Chloropropane	33	ug/Kg	U
SEE10181510JDF1	10/18/2010	1,2-Dibromo-3-Chloropropane	33	ug/Kg	U
SEE10181510JDF1	10/18/2010	1,2-Dibromo-3-Chloropropane	33	ug/Kg	U
SEE10131150JDF1	10/13/2010	1,2-Dibromo-3-Chloropropane	33	ug/Kg	U
SEE10101010PML1	10/10/2010	1,2-Dibromo-3-Chloropropane	33	ug/Kg	U
SEE10101215PML1	10/10/2010	1,2-Dibromo-3-Chloropropane	33	ug/Kg	U
SEE10101215PML1	10/10/2010	1,2-Dibromo-3-Chloropropane	33	ug/Kg	U
SEE09140945PML1	9/14/2010	1,2-Dibromo-3-Chloropropane	33	ug/Kg	U
SEE09061525MHS1	9/6/2010	1,2-Dibromo-3-Chloropropane	33	ug/Kg	U
SEE09051130PML1	9/5/2010	1,2-Dibromo-3-Chloropropane	33	ug/Kg	U
SEE09031100PML1	9/3/2010	1,2-Dibromo-3-Chloropropane	33	ug/Kg	U
SEE09021010PML1	9/2/2010	1,2-Dibromo-3-Chloropropane	33	ug/Kg	U
SEE10031115JDF1	10/3/2010	1,2-Dibromo-3-Chloropropane	32	ug/Kg	U
SEE10031115JDF1	10/3/2010	1,2-Dibromo-3-Chloropropane	32	ug/Kg	U
SEE09301205RCM1	9/30/2010	1,2-Dibromo-3-Chloropropane	32	ug/Kg	U
SEE09301255JDF1	9/30/2010	1,2-Dibromo-3-Chloropropane	32	ug/Kg	U
SEE09231645JDF1	9/23/2010	1,2-Dibromo-3-Chloropropane	32	ug/Kg	U
SEE09141515PML1	9/14/2010	1,2-Dibromo-3-Chloropropane	32	ug/Kg	U
SEE09101625PML1	9/10/2010	1,2-Dibromo-3-Chloropropane	32	ug/Kg	U
SEE09091005RCM1	9/9/2010	1,2-Dibromo-3-Chloropropane	32	ug/Kg	U
SEE09061105PML1	9/6/2010	1,2-Dibromo-3-Chloropropane	32	ug/Kg	U
SEE09031650PML1	9/3/2010	1,2-Dibromo-3-Chloropropane	32	ug/Kg	U
SEE09031650PML1	9/3/2010	1,2-Dibromo-3-Chloropropane	32	ug/Kg	U
SEE10081231PML1	10/8/2010	1,2-Dibromo-3-Chloropropane	31	ug/Kg	U
SEE09231210JDF1	9/23/2010	1,2-Dibromo-3-Chloropropane	31	ug/Kg	U
SEE09161045PML1	9/16/2010	1,2-Dibromo-3-Chloropropane	31	ug/Kg	U
SEE09081205PML1	9/8/2010	1,2-Dibromo-3-Chloropropane	31	ug/Kg	U
SEE09071050PML1	9/7/2010	1,2-Dibromo-3-Chloropropane	31	ug/Kg	U
SEE08301145MHS1	8/30/2010	1,2-Dibromo-3-Chloropropane	31	ug/Kg	U
SEE08291550KAP1	8/29/2010	1,2-Dibromo-3-Chloropropane	31	ug/kg	U
SEE10161115ARM1	10/16/2010	1,2-Dibromo-3-Chloropropane	30	ug/Kg	U
SEE10120930JDF1	10/12/2010	1,2-Dibromo-3-Chloropropane	30	ug/Kg	U
SEE10071101PML1	10/7/2010	1,2-Dibromo-3-Chloropropane	30	ug/Kg	U
SEE09261625JDF1	9/26/2010	1,2-Dibromo-3-Chloropropane	30	ug/Kg	U
SEE09261625JDF1	9/26/2010	1,2-Dibromo-3-Chloropropane	30	ug/Kg	U
SEE09131445RCM1	9/13/2010	1,2-Dibromo-3-Chloropropane	30	ug/Kg	U
SEE09121055PML1	9/12/2010	1,2-Dibromo-3-Chloropropane	30	ug/Kg	U
SEE09121055PML1	9/12/2010	1,2-Dibromo-3-Chloropropane	30	ug/Kg	U
SEE09121436RCM1	9/12/2010	1,2-Dibromo-3-Chloropropane	30	ug/Kg	U
SEE09091410RCM1	9/9/2010	1,2-Dibromo-3-Chloropropane	30	ug/Kg	U
SEE09011050PML1	9/1/2010	1,2-Dibromo-3-Chloropropane	30	ug/Kg	U
SEE10081051RCM1	10/8/2010	1,2-Dibromo-3-Chloropropane	29	ug/Kg	U
SEE10061640PML1	10/6/2010	1,2-Dibromo-3-Chloropropane	29	ug/Kg	U
SEE10061640PML1	10/6/2010	1,2-Dibromo-3-Chloropropane	29	ug/Kg	U
SEE10051653PML1	10/5/2010	1,2-Dibromo-3-Chloropropane	29	ug/Kg	U
SEE09261215JDF1	9/26/2010	1,2-Dibromo-3-Chloropropane	29	ug/Kg	U
SEE09231130ARM1	9/23/2010	1,2-Dibromo-3-Chloropropane	29	ug/Kg	U
SEE09191040PML1	9/19/2010	1,2-Dibromo-3-Chloropropane	29	ug/Kg	U
SEE09131026RCM1	9/13/2010	1,2-Dibromo-3-Chloropropane	29	ug/Kg	U
SEE09131505PML1	9/13/2010	1,2-Dibromo-3-Chloropropane	29	ug/Kg	U
SEE09040950PML1	9/4/2010	1,2-Dibromo-3-Chloropropane	29	ug/Kg	U
SEE10011120JDF1	10/1/2010	1,2-Dibromo-3-Chloropropane	28	ug/Kg	U
SEE09211155JDF1	9/21/2010	1,2-Dibromo-3-Chloropropane	28	ug/Kg	U
SEE09171415PML1	9/17/2010	1,2-Dibromo-3-Chloropropane	28	ug/Kg	U
SEE09151145PML1	9/15/2010	1,2-Dibromo-3-Chloropropane	28	ug/Kg	U
SEE09151145PML1	9/15/2010	1,2-Dibromo-3-Chloropropane	28	ug/Kg	U
SEE09131620PML1	9/13/2010	1,2-Dibromo-3-Chloropropane	28	ug/Kg	U

**TABLE B-2b**  
**Upstream Sediment Samples (Morrow Lake)**

Sample ID	Sample Date	Analyte	Result	Unit	Data Qualifier
SEE09121450PML1	9/12/2010	1,2-Dibromo-3-Chloropropane	28	ug/Kg	U
SEE09091515PML1	9/9/2010	1,2-Dibromo-3-Chloropropane	28	ug/Kg	U
SEE09081010PML1	9/8/2010	1,2-Dibromo-3-Chloropropane	28	ug/Kg	U
SEE09081020RCM1	9/8/2010	1,2-Dibromo-3-Chloropropane	28	ug/Kg	U
SEE09011255PML1	9/1/2010	1,2-Dibromo-3-Chloropropane	28	ug/Kg	U
SEE08301015JRP1	8/30/2010	1,2-Dibromo-3-Chloropropane	28	ug/Kg	U
SEE08261620RCM1	8/26/2010	1,2-Dibromo-3-Chloropropane	28	ug/kg	U
SEE10091614PML1	10/9/2010	1,2-Dibromo-3-Chloropropane	27	ug/Kg	U
SEE10061205PML1	10/6/2010	1,2-Dibromo-3-Chloropropane	27	ug/Kg	U
SEE10041150JDF1	10/4/2010	1,2-Dibromo-3-Chloropropane	27	ug/Kg	U
SEE09251135JDF1	9/25/2010	1,2-Dibromo-3-Chloropropane	27	ug/Kg	U
SEE09221440JDF1	9/22/2010	1,2-Dibromo-3-Chloropropane	27	ug/Kg	U
SEE09170839RCM1	9/17/2010	1,2-Dibromo-3-Chloropropane	27	ug/Kg	U
SEE09151015PML1	9/15/2010	1,2-Dibromo-3-Chloropropane	27	ug/Kg	U
SEE10141150JDF1	10/14/2010	1,2-Dibromo-3-Chloropropane	26	ug/Kg	U
SEE10141550JDF1	10/14/2010	1,2-Dibromo-3-Chloropropane	26	ug/Kg	U
SEE10141550JDF1	10/14/2010	1,2-Dibromo-3-Chloropropane	26	ug/Kg	U
SEE10121155JDF1	10/12/2010	1,2-Dibromo-3-Chloropropane	26	ug/Kg	U
SEE09271130JDF1	9/27/2010	1,2-Dibromo-3-Chloropropane	26	ug/Kg	U
SEE09131125PML1	9/13/2010	1,2-Dibromo-3-Chloropropane	26	ug/Kg	U
SEE09091010PML1	9/9/2010	1,2-Dibromo-3-Chloropropane	26	ug/Kg	U
SEE09091145PML1	9/9/2010	1,2-Dibromo-3-Chloropropane	26	ug/Kg	U
SEE09091410PML1	9/9/2010	1,2-Dibromo-3-Chloropropane	26	ug/Kg	U
SEE09061130MHS1	9/6/2010	1,2-Dibromo-3-Chloropropane	26	ug/Kg	U
SEE09011145PML1	9/1/2010	1,2-Dibromo-3-Chloropropane	26	ug/Kg	U
SEE08301638MHS1	8/30/2010	1,2-Dibromo-3-Chloropropane	26	ug/Kg	U
SEE10151055ARM1	10/15/2010	1,2-Dibromo-3-Chloropropane	25	ug/Kg	U
SEE10121415ARM1	10/12/2010	1,2-Dibromo-3-Chloropropane	25	ug/Kg	U
SEE10111125JDF1	10/11/2010	1,2-Dibromo-3-Chloropropane	25	ug/Kg	U
SEE10031425JDF1	10/3/2010	1,2-Dibromo-3-Chloropropane	25	ug/Kg	U
SEE09291035JDF1	9/29/2010	1,2-Dibromo-3-Chloropropane	25	ug/Kg	U
SEE09220935RCM1	9/22/2010	1,2-Dibromo-3-Chloropropane	25	ug/Kg	U
SEE09111015PML1	9/11/2010	1,2-Dibromo-3-Chloropropane	25	ug/Kg	U
SEE09051015PML1	9/5/2010	1,2-Dibromo-3-Chloropropane	25	ug/Kg	U
SEE08301445JRP1	8/30/2010	1,2-Dibromo-3-Chloropropane	25	ug/Kg	U
SEE10161415JDF1	10/16/2010	1,2-Dibromo-3-Chloropropane	24	ug/Kg	U
SEE10040945JDF1	10/4/2010	1,2-Dibromo-3-Chloropropane	24	ug/Kg	U
SEE09230955RCM1	9/23/2010	1,2-Dibromo-3-Chloropropane	24	ug/Kg	U
SEE09211530JDF1	9/21/2010	1,2-Dibromo-3-Chloropropane	24	ug/Kg	U
SEE09170945PML1	9/17/2010	1,2-Dibromo-3-Chloropropane	24	ug/Kg	U
SEE09171125PML1	9/17/2010	1,2-Dibromo-3-Chloropropane	24	ug/Kg	U
SEE09130955JRP1	9/13/2010	1,2-Dibromo-3-Chloropropane	24	ug/Kg	U
SEE09091605PML1	9/9/2010	1,2-Dibromo-3-Chloropropane	24	ug/Kg	U
SEE09041350PML1	9/4/2010	1,2-Dibromo-3-Chloropropane	24	ug/Kg	U
SEE10071205PML1	10/7/2010	1,2-Dibromo-3-Chloropropane	23	ug/Kg	U
SEE10071540PML1	10/7/2010	1,2-Dibromo-3-Chloropropane	23	ug/Kg	U
SEE10041335JDF1	10/4/2010	1,2-Dibromo-3-Chloropropane	23	ug/Kg	U
SEE09271025ARM1	9/27/2010	1,2-Dibromo-3-Chloropropane	23	ug/Kg	U
SEE09171530PML1	9/17/2010	1,2-Dibromo-3-Chloropropane	23	ug/Kg	U
SEE09051430PML1	9/5/2010	1,2-Dibromo-3-Chloropropane	23	ug/Kg	U
SEE10150945JDF1	10/15/2010	1,2-Dibromo-3-Chloropropane	22	ug/Kg	U
SEE10111011JDF1	10/11/2010	1,2-Dibromo-3-Chloropropane	22	ug/Kg	U
SEE10111350JDF1	10/11/2010	1,2-Dibromo-3-Chloropropane	22	ug/Kg	U
SEE10061051RCM1	10/6/2010	1,2-Dibromo-3-Chloropropane	22	ug/Kg	U
SEE10041355ARM1	10/4/2010	1,2-Dibromo-3-Chloropropane	22	ug/Kg	U
SEE09271515JDF1	9/27/2010	1,2-Dibromo-3-Chloropropane	22	ug/Kg	U
SEE09221105JDF1	9/22/2010	1,2-Dibromo-3-Chloropropane	22	ug/Kg	U
SEE09130940PML1	9/13/2010	1,2-Dibromo-3-Chloropropane	22	ug/Kg	U
SEE10121030JDF1	10/12/2010	1,2-Dibromo-3-Chloropropane	21	ug/Kg	U
SEE09290925JDF1	9/29/2010	1,2-Dibromo-3-Chloropropane	21	ug/Kg	U

**TABLE B-2b**  
**Upstream Sediment Samples (Morrow Lake)**

Sample ID	Sample Date	Analyte	Result	Unit	Data Qualifier
SEE09091025JRP1	9/9/2010	1,2-Dibromo-3-Chloropropane	21	ug/Kg	U
SEE09011635PML1	9/1/2010	1,2-Dibromo-3-Chloropropane	21	ug/Kg	U
SEE08301520JRP1	8/30/2010	1,2-Dibromo-3-Chloropropane	21	ug/Kg	U
SEE08291445PML1	8/29/2010	1,2-Dibromo-3-Chloropropane	21	ug/kg	U
SEE08261445JRP1	8/26/2010	1,2-Dibromo-3-Chloropropane	21	ug/Kg	U
SEE10161055JDF1	10/16/2010	1,2-Dibromo-3-Chloropropane	20	ug/Kg	U
SEE10151355ARM1	10/15/2010	1,2-Dibromo-3-Chloropropane	20	ug/Kg	U
SEE10071415ARM1	10/7/2010	1,2-Dibromo-3-Chloropropane	20	ug/Kg	U
SEE09031140MHS1	9/3/2010	1,2-Dibromo-3-Chloropropane	20	ug/Kg	U
SEE10041050JDF1	10/4/2010	1,2-Dibromo-3-Chloropropane	19	ug/Kg	U
SEE09301255MAE1	9/30/2010	1,2-Dibromo-3-Chloropropane	19	ug/Kg	U
SEE09291645JDF1	9/29/2010	1,2-Dibromo-3-Chloropropane	19	ug/Kg	U
SEE09051550MHS1	9/5/2010	1,2-Dibromo-3-Chloropropane	19	ug/Kg	U
SEE09031645MHS1	9/3/2010	1,2-Dibromo-3-Chloropropane	19	ug/Kg	U
SEE08291354KAP1	8/29/2010	1,2-Dibromo-3-Chloropropane	19	ug/kg	U
SEE10041138RCM1	10/4/2010	1,2-Dibromo-3-Chloropropane	18	ug/Kg	U
SEE09221615JDF1	9/22/2010	1,2-Dibromo-3-Chloropropane	18	ug/Kg	U
SEE09191445RCM1	9/19/2010	1,2-Dibromo-3-Chloropropane	18	ug/Kg	U
SEE08311010JRP1	8/31/2010	1,2-Dibromo-3-Chloropropane	18	ug/Kg	U
SEE09250905RCM1	9/25/2010	1,2-Dibromo-3-Chloropropane	17	ug/Kg	U
SEE09200911RCM1	9/20/2010	1,2-Dibromo-3-Chloropropane	17	ug/Kg	U
SEE09090900JRP1	9/9/2010	1,2-Dibromo-3-Chloropropane	17	ug/Kg	U
SEE09011545MHS1	9/1/2010	1,2-Dibromo-3-Chloropropane	17	ug/Kg	U
SEE10170915JDF1	10/17/2010	1,2-Dibromo-3-Chloropropane	16	ug/Kg	U
SEE09291135JDF1	9/29/2010	1,2-Dibromo-3-Chloropropane	16	ug/Kg	U
SEE09260930RCM1	9/26/2010	1,2-Dibromo-3-Chloropropane	16	ug/Kg	U
SEE08271614TWH1	8/27/2010	1,2-Dibromo-3-Chloropropane	16	ug/kg	U
SEE09201110ARM1	9/20/2010	1,2-Dibromo-3-Chloropropane	15	ug/Kg	U
SEE08301530JAW1	8/30/2010	1,2-Dibromo-3-Chloropropane	15	ug/Kg	U
SEE08271652TWH1	8/27/2010	1,2-Dibromo-3-Chloropropane	15	ug/kg	U
SEE10071151RCM1	10/7/2010	1,2-Dibromo-3-Chloropropane	14	ug/Kg	U
SEE09211112RCM1	9/21/2010	1,2-Dibromo-3-Chloropropane	14	ug/Kg	U
SEE08311348MHS1	8/31/2010	1,2-Dibromo-3-Chloropropane	14	ug/Kg	U
SEE08300920JRP1	8/30/2010	1,2-Dibromo-3-Chloropropane	14	ug/Kg	U
SEE08271536TWH1	8/27/2010	1,2-Dibromo-3-Chloropropane	13	ug/kg	U
SEE10141025ARM1	10/14/2010	1,2-Dibromo-3-Chloropropane	12	ug/Kg	U
SEE09130915JRP1	9/13/2010	1,2-Dibromo-3-Chloropropane	12	ug/Kg	U
SEE10091200ARM1	10/9/2010	1,2-Dibromo-3-Chloropropane	11	ug/Kg	U
SEE09291023RCM1	9/29/2010	1,2-Dibromo-3-Chloropropane	11	ug/Kg	U
SEE09171445RCM1	9/17/2010	1,2-Dibromo-3-Chloropropane	11	ug/Kg	U
SEE09161035RCM1	9/16/2010	1,2-Dibromo-3-Chloropropane	11	ug/Kg	U
SEE08281540JRP1	8/28/2010	1,2-Dibromo-3-Chloropropane	11	ug/kg	U
SEE09141312RCM1	9/14/2010	1,2-Dibromo-3-Chloropropane	10	ug/Kg	U
SEB08281400JLS1	8/28/2010	1,2-Dibromo-3-Chloropropane	10	ug/kg	U
SEE10051415ARM1	10/5/2010	1,2-Dibromo-3-Chloropropane	8.7	ug/Kg	U
SEE09061610JAW1	9/6/2010	1,2-Dibromo-3-Chloropropane	8.5	ug/Kg	U
SEE10011125ARM1	10/1/2010	1,2-Dibromo-3-Chloropropane	8.2	ug/Kg	U
SEE08261700JRP1	8/26/2010	1,2-Dibromo-3-Chloropropane	8.2	ug/Kg	U
SEE09051500MHS1	9/5/2010	1,2-Dibromo-3-Chloropropane	8.0	ug/Kg	U
SEE10171535ARM1	10/17/2010	1,2-Dibromo-3-Chloropropane	7.9	ug/Kg	U
SEE09231035ARM1	9/23/2010	1,2-Dibromo-3-Chloropropane	7.9	ug/Kg	U
SEE09171200ARM1	9/17/2010	1,2-Dibromo-3-Chloropropane	7.9	ug/Kg	U
SEE10081035ARM1	10/8/2010	1,2-Dibromo-3-Chloropropane	7.6	ug/Kg	U
SEE09100945RCM1	9/10/2010	1,2-Dibromo-3-Chloropropane	7.5	ug/Kg	U
SEE09211120ARM1	9/21/2010	1,2-Dibromo-3-Chloropropane	7.4	ug/Kg	U
SEB09011143JLS1	9/1/2010	1,2-Dibromo-3-Chloropropane	7.1	ug/Kg	U
SEE08301410JRP1	8/30/2010	1,2-Dibromo-3-Chloropropane	7.0	ug/Kg	U
SEE09281445RCM1	9/28/2010	1,2-Dibromo-3-Chloropropane	6.5	ug/Kg	U
SEE09271500ARM1	9/27/2010	1,2-Dibromo-3-Chloropropane	6.2	ug/Kg	U
SEE09170935RCM1	9/17/2010	1,2-Dibromo-3-Chloropropane	6.1	ug/Kg	U

**TABLE B-2b**  
**Upstream Sediment Samples (Morrow Lake)**

Sample ID	Sample Date	Analyte	Result	Unit	Data Qualifier
SEF10011045TDF1	10/1/2010	1,2-Dibromo-3-Chloropropane	6.0	ug/Kg	U
SEE09150915JRP1	9/15/2010	1,2-Dibromo-3-Chloropropane	6.0	ug/Kg	U
SEE10011043RCM1	10/1/2010	1,2-Dibromo-3-Chloropropane	5.8	ug/Kg	U
SEE09290915MAE1	9/29/2010	1,2-Dibromo-3-Chloropropane	5.8	ug/Kg	U
SEE08271445JRP1	8/27/2010	1,2-Dibromo-3-Chloropropane	5.7	ug/kg	U
SEE10131035ARM1	10/13/2010	1,2-Dibromo-3-Chloropropane	5.5	ug/Kg	U
SEE10071045ARM1	10/7/2010	1,2-Dibromo-3-Chloropropane	5.5	ug/Kg	U
SEE10041045ARM1	10/4/2010	1,2-Dibromo-3-Chloropropane	5.5	ug/Kg	U
SEF10151030PMB3	10/15/2010	1,2-Dibromo-3-Chloropropane	5.4	ug/Kg	U
SEF10081108TDF3	10/8/2010	1,2-Dibromo-3-Chloropropane	5.4	ug/Kg	U
SEE09251235ARM1	9/25/2010	1,2-Dibromo-3-Chloropropane	5.4	ug/Kg	U
SEF10051206TDF3	10/5/2010	1,2-Dibromo-3-Chloropropane	5.3	ug/Kg	U
SEE09140945JRP1	9/14/2010	1,2-Dibromo-3-Chloropropane	5.3	ug/Kg	U
SEE09080930JRP1	9/8/2010	1,2-Dibromo-3-Chloropropane	5.3	ug/Kg	U
SEE09011515JAW1	9/1/2010	1,2-Dibromo-3-Chloropropane	5.3	ug/Kg	U
SEE08301100JRP1	8/30/2010	1,2-Dibromo-3-Chloropropane	5.3	ug/Kg	U
SEE10121040ARM1	10/12/2010	1,2-Dibromo-3-Chloropropane	5.2	ug/Kg	U
SEF10121130PMB3	10/12/2010	1,2-Dibromo-3-Chloropropane	5.2	ug/Kg	U
SEE09221045ARM1	9/22/2010	1,2-Dibromo-3-Chloropropane	5.2	ug/Kg	U
SEE09100920JRP1	9/10/2010	1,2-Dibromo-3-Chloropropane	5.1	ug/Kg	U
SEE09301025MAE1	9/30/2010	1,2-Dibromo-3-Chloropropane	5.0	ug/Kg	U
SEE09051500JAW1	9/5/2010	1,2-Dibromo-3-Chloropropane	5.0	ug/Kg	U
SEE10051145RCM1	10/5/2010	1,2-Dibromo-3-Chloropropane	4.9	ug/Kg	U
SEE09070930JRP1	9/7/2010	1,2-Dibromo-3-Chloropropane	4.9	ug/Kg	U
SEE10061135ARM1	10/6/2010	1,2-Dibromo-3-Chloropropane	4.8	ug/Kg	U
SEE10181030JWP1	10/18/2010	1,2-Dibromo-3-Chloropropane	4.6	ug/Kg	U
SEF09281139TDF1	9/28/2010	1,2-Dibromo-3-Chloropropane	4.3	ug/Kg	U
ML-07-S-082510	8/25/2010	1,2-Dibromo-3-Chloropropane	3.6	mg/Kg	U
SEE09231205RCM1	9/23/2010	1,2-Dibromo-3-Chloropropane	3.3	ug/Kg	U
ML-03-S-082510	8/25/2010	1,2-Dibromo-3-Chloropropane	2.1	mg/Kg	U
ML-06-S-082510	8/25/2010	1,2-Dibromo-3-Chloropropane	2.1	mg/Kg	U
ML-07-S-082410	8/24/2010	1,2-Dibromo-3-Chloropropane	2.1	mg/Kg	UJ
ML-08-S-082410	8/24/2010	1,2-Dibromo-3-Chloropropane	1.9	mg/Kg	UJ
ML-06-S-082310	8/23/2010	1,2-Dibromo-3-Chloropropane	1.9	mg/Kg	U
ML-08-S-082110	8/21/2010	1,2-Dibromo-3-Chloropropane	1.9	mg/Kg	U
ML-06-S-082010	8/20/2010	1,2-Dibromo-3-Chloropropane	1.9	mg/Kg	U
ML-10-S-081910	8/19/2010	1,2-Dibromo-3-Chloropropane	1.9	mg/Kg	U
ML-10-S-081910	8/19/2010	1,2-Dibromo-3-Chloropropane	1.9	mg/Kg	U
ML-09-S-081810	8/18/2010	1,2-Dibromo-3-Chloropropane	1.9	mg/Kg	UJ
ML-08-S-082510	8/25/2010	1,2-Dibromo-3-Chloropropane	1.8	mg/Kg	U
ML-10-S-082410	8/24/2010	1,2-Dibromo-3-Chloropropane	1.8	mg/Kg	UJ
ML-10-S-082410	8/24/2010	1,2-Dibromo-3-Chloropropane	1.8	mg/Kg	UJ
ML-07-S-082110	8/21/2010	1,2-Dibromo-3-Chloropropane	1.8	mg/Kg	U
ML-10-S-082110	8/21/2010	1,2-Dibromo-3-Chloropropane	1.8	mg/Kg	U
ML-10-S-082110	8/21/2010	1,2-Dibromo-3-Chloropropane	1.8	mg/Kg	U
ML-07-S-081810	8/18/2010	1,2-Dibromo-3-Chloropropane	1.8	mg/Kg	UJ
ML-04-S-082410	8/24/2010	1,2-Dibromo-3-Chloropropane	1.7	mg/Kg	UJ
ML-03-S-082310	8/23/2010	1,2-Dibromo-3-Chloropropane	1.7	mg/Kg	U
ML-10-S-082110-D	8/21/2010	1,2-Dibromo-3-Chloropropane	1.7	mg/Kg	U
ML-10-S-082110-D	8/21/2010	1,2-Dibromo-3-Chloropropane	1.7	mg/Kg	U
ML-05-S-082010	8/20/2010	1,2-Dibromo-3-Chloropropane	1.7	mg/Kg	U
ML-01-S-081610	8/16/2010	1,2-Dibromo-3-Chloropropane	1.7	mg/Kg	U
ML-07-S-081610	8/16/2010	1,2-Dibromo-3-Chloropropane	1.7	mg/Kg	U
ML-08-S-081610-D	8/16/2010	1,2-Dibromo-3-Chloropropane	1.7	mg/Kg	U
ML-10-S-081610	8/16/2010	1,2-Dibromo-3-Chloropropane	1.7	mg/Kg	U
ML-10-S-081610	8/16/2010	1,2-Dibromo-3-Chloropropane	1.7	mg/Kg	U
ML-04-S-082610	8/26/2010	1,2-Dibromo-3-Chloropropane	1.6	mg/Kg	U
ML-10-S-082610	8/26/2010	1,2-Dibromo-3-Chloropropane	1.6	mg/Kg	U
ML-10-S-082610	8/26/2010	1,2-Dibromo-3-Chloropropane	1.6	mg/Kg	U
ML-01-S-082510	8/25/2010	1,2-Dibromo-3-Chloropropane	1.6	mg/Kg	U

**TABLE B-2b**  
**Upstream Sediment Samples (Morrow Lake)**

Sample ID	Sample Date	Analyte	Result	Unit	Data Qualifier
ML-09-S-082510	8/25/2010	1,2-Dibromo-3-Chloropropane	1.6	mg/Kg	U
ML-05-S-082310	8/23/2010	1,2-Dibromo-3-Chloropropane	1.6	mg/Kg	U
ML-02-S-081710	8/17/2010	1,2-Dibromo-3-Chloropropane	1.6	mg/Kg	U
ML-06-S-081710	8/17/2010	1,2-Dibromo-3-Chloropropane	1.6	mg/Kg	U
ML-08-S-081610	8/16/2010	1,2-Dibromo-3-Chloropropane	1.6	mg/Kg	U
ML-09-S-082410	8/24/2010	1,2-Dibromo-3-Chloropropane	1.5	mg/Kg	UJ
ML-02-S-082510	8/25/2010	1,2-Dibromo-3-Chloropropane	1.4	mg/Kg	U
ML-01-S-082110	8/21/2010	1,2-Dibromo-3-Chloropropane	1.4	mg/Kg	U
ML-09-S-082110	8/21/2010	1,2-Dibromo-3-Chloropropane	1.4	mg/Kg	U
ML-04-S-081710	8/17/2010	1,2-Dibromo-3-Chloropropane	1.4	mg/Kg	U
ML-02-S-082310	8/23/2010	1,2-Dibromo-3-Chloropropane	1.3	mg/Kg	U
ML-01-S-081910	8/19/2010	1,2-Dibromo-3-Chloropropane	1.3	mg/Kg	U
ML-05-S-081710	8/17/2010	1,2-Dibromo-3-Chloropropane	1.3	mg/Kg	U
ML-04-S-082010	8/20/2010	1,2-Dibromo-3-Chloropropane	1.2	mg/Kg	U
ML-02-S-082010	8/20/2010	1,2-Dibromo-3-Chloropropane	1.1	mg/Kg	U
ML-03-S-081610	8/16/2010	1,2-Dibromo-3-Chloropropane	1.1	mg/Kg	U
ML-03-S-082010	8/20/2010	1,2-Dibromo-3-Chloropropane	0.95	mg/Kg	U
ML-05-S-082610	8/26/2010	1,2-Dibromo-3-Chloropropane	0.83	mg/Kg	U
SEE10211035JDF1	10/21/2010	1,2-Dibromoethane	930	ug/Kg	U
SEE10191515JDF1	10/19/2010	1,2-Dibromoethane	850	ug/Kg	U
SEE10191005JDF1	10/19/2010	1,2-Dibromoethane	820	ug/Kg	U
SEE10211430JDF1	10/21/2010	1,2-Dibromoethane	810	ug/Kg	U
SEE10221110JDF1	10/22/2010	1,2-Dibromoethane	790	ug/Kg	U
SEE10221110JDF1	10/22/2010	1,2-Dibromoethane	790	ug/Kg	U
SEE10191415JDF1	10/19/2010	1,2-Dibromoethane	760	ug/Kg	U
SEE10191155JDF1	10/19/2010	1,2-Dibromoethane	730	ug/Kg	U
SEE10211010JWP1	10/21/2010	1,2-Dibromoethane	710	ug/Kg	U
SEE10191100JDF1	10/19/2010	1,2-Dibromoethane	710	ug/Kg	U
SEE10221055DWS1	10/22/2010	1,2-Dibromoethane	680	ug/Kg	U
SEE10191010JWP1	10/19/2010	1,2-Dibromoethane	680	ug/Kg	U
SEE10221450DWS1	10/22/2010	1,2-Dibromoethane	370	ug/Kg	U
SEE10211345JWP1	10/21/2010	1,2-Dibromoethane	330	ug/Kg	U
SEE10141015JDF1	10/14/2010	1,2-Dibromoethane	280	ug/Kg	U
SEF10221050MAE3	10/22/2010	1,2-Dibromoethane	230	ug/Kg	U
SEF10191135NAC3	10/19/2010	1,2-Dibromoethane	220	ug/Kg	U
SEE10191115JWP1	10/19/2010	1,2-Dibromoethane	200	ug/Kg	U
SEE09200945PML1	9/20/2010	1,2-Dibromoethane	60	ug/Kg	U
SEE09200945PML1	9/20/2010	1,2-Dibromoethane	60	ug/Kg	U
SEE09201115RCM1	9/20/2010	1,2-Dibromoethane	58	ug/Kg	U
SEE09201645ARM1	9/20/2010	1,2-Dibromoethane	48	ug/Kg	U
SEE10071042RCM1	10/7/2010	1,2-Dibromoethane	45	ug/Kg	U
SEE09061500PML1	9/6/2010	1,2-Dibromoethane	45	ug/Kg	U
SEE08281607TWH1	8/28/2010	1,2-Dibromoethane	44	ug/kg	U
SEE09301105JDF1	9/30/2010	1,2-Dibromoethane	42	ug/Kg	U
SEE09181705PML1	9/18/2010	1,2-Dibromoethane	42	ug/Kg	U
SEE09021400PML1	9/2/2010	1,2-Dibromoethane	41	ug/Kg	U
SEE08301130PML1	8/30/2010	1,2-Dibromoethane	41	ug/Kg	U
SEE10091401PML1	10/9/2010	1,2-Dibromoethane	40	ug/Kg	U
SEE10181035JDF1	10/18/2010	1,2-Dibromoethane	39	ug/Kg	U
SEE10051125PML1	10/5/2010	1,2-Dibromoethane	39	ug/Kg	U
SEE08311045PML1	8/31/2010	1,2-Dibromoethane	39	ug/Kg	U
SEE10141555ARM1	10/14/2010	1,2-Dibromoethane	38	ug/Kg	U
SEE09101215PML1	9/10/2010	1,2-Dibromoethane	38	ug/Kg	U
SEE10161530JDF1	10/16/2010	1,2-Dibromoethane	37	ug/Kg	U
SEE10081115PML1	10/8/2010	1,2-Dibromoethane	37	ug/Kg	U
SEE09030925PML1	9/3/2010	1,2-Dibromoethane	37	ug/Kg	U
SEE09031115JAW1	9/3/2010	1,2-Dibromoethane	37	ug/Kg	U
SEE08281505PML1	8/28/2010	1,2-Dibromoethane	37	ug/kg	U
SEE10171410JDF1	10/17/2010	1,2-Dibromoethane	36	ug/Kg	U
SEE09191530PML1	9/19/2010	1,2-Dibromoethane	36	ug/Kg	U

**TABLE B-2b**  
**Upstream Sediment Samples (Morrow Lake)**

Sample ID	Sample Date	Analyte	Result	Unit	Data Qualifier
SEE09181235PML1	9/18/2010	1,2-Dibromoethane	36	ug/Kg	U
SEE09141135PML1	9/14/2010	1,2-Dibromoethane	36	ug/Kg	U
SEE09101022PML1	9/10/2010	1,2-Dibromoethane	36	ug/Kg	U
SEE10171115JDF1	10/17/2010	1,2-Dibromoethane	35	ug/Kg	U
SEE08311420PML1	8/31/2010	1,2-Dibromoethane	35	ug/Kg	U
SEE08311420PML1	8/31/2010	1,2-Dibromoethane	35	ug/Kg	U
SEE08271215PML1	8/27/2010	1,2-Dibromoethane	35	ug/kg	U
SEE10041530JDF1	10/4/2010	1,2-Dibromoethane	34	ug/Kg	U
SEE09121105RCM1	9/12/2010	1,2-Dibromoethane	34	ug/Kg	U
SEE09011545PML1	9/1/2010	1,2-Dibromoethane	34	ug/Kg	U
SEE08301550PML1	8/30/2010	1,2-Dibromoethane	34	ug/Kg	U
SEE10181210JDF1	10/18/2010	1,2-Dibromoethane	33	ug/Kg	U
SEE10181430JWP1	10/18/2010	1,2-Dibromoethane	33	ug/Kg	U
SEE10181510JDF1	10/18/2010	1,2-Dibromoethane	33	ug/Kg	U
SEE10181510JDF1	10/18/2010	1,2-Dibromoethane	33	ug/Kg	U
SEE10131150JDF1	10/13/2010	1,2-Dibromoethane	33	ug/Kg	U
SEE10101010PML1	10/10/2010	1,2-Dibromoethane	33	ug/Kg	U
SEE10101215PML1	10/10/2010	1,2-Dibromoethane	33	ug/Kg	U
SEE10101215PML1	10/10/2010	1,2-Dibromoethane	33	ug/Kg	U
SEE09140945PML1	9/14/2010	1,2-Dibromoethane	33	ug/Kg	U
SEE09061525MHS1	9/6/2010	1,2-Dibromoethane	33	ug/Kg	U
SEE09051130PML1	9/5/2010	1,2-Dibromoethane	33	ug/Kg	U
SEE09031100PML1	9/3/2010	1,2-Dibromoethane	33	ug/Kg	U
SEE09021010PML1	9/2/2010	1,2-Dibromoethane	33	ug/Kg	U
SEE08281630RCM1	8/28/2010	1,2-Dibromoethane	33	ug/kg	U
SEE10031115JDF1	10/3/2010	1,2-Dibromoethane	32	ug/Kg	U
SEE10031115JDF1	10/3/2010	1,2-Dibromoethane	32	ug/Kg	U
SEE09301205RCM1	9/30/2010	1,2-Dibromoethane	32	ug/Kg	U
SEE09301255JDF1	9/30/2010	1,2-Dibromoethane	32	ug/Kg	U
SEE09231645JDF1	9/23/2010	1,2-Dibromoethane	32	ug/Kg	U
SEE09141515PML1	9/14/2010	1,2-Dibromoethane	32	ug/Kg	U
SEE09101625PML1	9/10/2010	1,2-Dibromoethane	32	ug/Kg	U
SEE09091005RCM1	9/9/2010	1,2-Dibromoethane	32	ug/Kg	U
SEE09061105PML1	9/6/2010	1,2-Dibromoethane	32	ug/Kg	U
SEE09031650PML1	9/3/2010	1,2-Dibromoethane	32	ug/Kg	U
SEE09031650PML1	9/3/2010	1,2-Dibromoethane	32	ug/Kg	U
SEE10081231PML1	10/8/2010	1,2-Dibromoethane	31	ug/Kg	U
SEE09231210JDF1	9/23/2010	1,2-Dibromoethane	31	ug/Kg	U
SEE09161045PML1	9/16/2010	1,2-Dibromoethane	31	ug/Kg	U
SEE09081205PML1	9/8/2010	1,2-Dibromoethane	31	ug/Kg	U
SEE09071050PML1	9/7/2010	1,2-Dibromoethane	31	ug/Kg	U
SEE08301145MHS1	8/30/2010	1,2-Dibromoethane	31	ug/Kg	U
SEE10161115ARM1	10/16/2010	1,2-Dibromoethane	30	ug/Kg	U
SEE10120930JDF1	10/12/2010	1,2-Dibromoethane	30	ug/Kg	U
SEE10071101PML1	10/7/2010	1,2-Dibromoethane	30	ug/Kg	U
SEE09261625JDF1	9/26/2010	1,2-Dibromoethane	30	ug/Kg	U
SEE09261625JDF1	9/26/2010	1,2-Dibromoethane	30	ug/Kg	U
SEE09131445RCM1	9/13/2010	1,2-Dibromoethane	30	ug/Kg	U
SEE09121055PML1	9/12/2010	1,2-Dibromoethane	30	ug/Kg	U
SEE09121055PML1	9/12/2010	1,2-Dibromoethane	30	ug/Kg	U
SEE09121436RCM1	9/12/2010	1,2-Dibromoethane	30	ug/Kg	U
SEE09091410RCM1	9/9/2010	1,2-Dibromoethane	30	ug/Kg	U
SEE09011050PML1	9/1/2010	1,2-Dibromoethane	30	ug/Kg	U
SEE10081051RCM1	10/8/2010	1,2-Dibromoethane	29	ug/Kg	U
SEE10061640PML1	10/6/2010	1,2-Dibromoethane	29	ug/Kg	U
SEE10061640PML1	10/6/2010	1,2-Dibromoethane	29	ug/Kg	U
SEE10051653PML1	10/5/2010	1,2-Dibromoethane	29	ug/Kg	U
SEE09261215JDF1	9/26/2010	1,2-Dibromoethane	29	ug/Kg	U
SEE09231130ARM1	9/23/2010	1,2-Dibromoethane	29	ug/Kg	U
SEE09191040PML1	9/19/2010	1,2-Dibromoethane	29	ug/Kg	U

**TABLE B-2b**  
**Upstream Sediment Samples (Morrow Lake)**

Sample ID	Sample Date	Analyte	Result	Unit	Data Qualifier
SEE09131026RCM1	9/13/2010	1,2-Dibromoethane	29	ug/Kg	U
SEE09131505PML1	9/13/2010	1,2-Dibromoethane	29	ug/Kg	U
SEE09040950PML1	9/4/2010	1,2-Dibromoethane	29	ug/Kg	U
SEE10011120JDF1	10/1/2010	1,2-Dibromoethane	28	ug/Kg	U
SEE09211155JDF1	9/21/2010	1,2-Dibromoethane	28	ug/Kg	U
SEE09171415PML1	9/17/2010	1,2-Dibromoethane	28	ug/Kg	U
SEE09151145PML1	9/15/2010	1,2-Dibromoethane	28	ug/Kg	U
SEE09151145PML1	9/15/2010	1,2-Dibromoethane	28	ug/Kg	U
SEE09131620PML1	9/13/2010	1,2-Dibromoethane	28	ug/Kg	U
SEE09121450PML1	9/12/2010	1,2-Dibromoethane	28	ug/Kg	U
SEE09091515PML1	9/9/2010	1,2-Dibromoethane	28	ug/Kg	U
SEE09081010PML1	9/8/2010	1,2-Dibromoethane	28	ug/Kg	U
SEE09081020RCM1	9/8/2010	1,2-Dibromoethane	28	ug/Kg	U
SEE09011255PML1	9/1/2010	1,2-Dibromoethane	28	ug/Kg	U
SEE08301015JRP1	8/30/2010	1,2-Dibromoethane	28	ug/Kg	U
SEE08261420RCM1	8/26/2010	1,2-Dibromoethane	28	ug/kg	U
SEE10091614PML1	10/9/2010	1,2-Dibromoethane	27	ug/Kg	U
SEE10061205PML1	10/6/2010	1,2-Dibromoethane	27	ug/Kg	U
SEE10041150JDF1	10/4/2010	1,2-Dibromoethane	27	ug/Kg	U
SEE09251135JDF1	9/25/2010	1,2-Dibromoethane	27	ug/Kg	U
SEE09221440JDF1	9/22/2010	1,2-Dibromoethane	27	ug/Kg	U
SEE09170839RCM1	9/17/2010	1,2-Dibromoethane	27	ug/Kg	U
SEE09151015PML1	9/15/2010	1,2-Dibromoethane	27	ug/Kg	U
SEE08291110PML1	8/29/2010	1,2-Dibromoethane	27	ug/kg	U
SEE10141150JDF1	10/14/2010	1,2-Dibromoethane	26	ug/Kg	U
SEE10141550JDF1	10/14/2010	1,2-Dibromoethane	26	ug/Kg	U
SEE10141550JDF1	10/14/2010	1,2-Dibromoethane	26	ug/Kg	U
SEE10121155JDF1	10/12/2010	1,2-Dibromoethane	26	ug/Kg	U
SEE09271130JDF1	9/27/2010	1,2-Dibromoethane	26	ug/Kg	U
SEE09131125PML1	9/13/2010	1,2-Dibromoethane	26	ug/Kg	U
SEE09091010PML1	9/9/2010	1,2-Dibromoethane	26	ug/Kg	U
SEE09091145PML1	9/9/2010	1,2-Dibromoethane	26	ug/Kg	U
SEE09091410PML1	9/9/2010	1,2-Dibromoethane	26	ug/Kg	U
SEE09061130MHS1	9/6/2010	1,2-Dibromoethane	26	ug/Kg	U
SEE09011145PML1	9/1/2010	1,2-Dibromoethane	26	ug/Kg	U
SEE08301638MHS1	8/30/2010	1,2-Dibromoethane	26	ug/Kg	U
SEE10151055ARM1	10/15/2010	1,2-Dibromoethane	25	ug/Kg	U
SEE10121415ARM1	10/12/2010	1,2-Dibromoethane	25	ug/Kg	U
SEE10111125JDF1	10/11/2010	1,2-Dibromoethane	25	ug/Kg	U
SEE10031425JDF1	10/3/2010	1,2-Dibromoethane	25	ug/Kg	U
SEE09291035JDF1	9/29/2010	1,2-Dibromoethane	25	ug/Kg	U
SEE09220935RCM1	9/22/2010	1,2-Dibromoethane	25	ug/Kg	U
SEE09111015PML1	9/11/2010	1,2-Dibromoethane	25	ug/Kg	U
SEE09051015PML1	9/5/2010	1,2-Dibromoethane	25	ug/Kg	U
SEE08301445JRP1	8/30/2010	1,2-Dibromoethane	25	ug/Kg	U
SEE10161415JDF1	10/16/2010	1,2-Dibromoethane	24	ug/Kg	U
SEE10040945JDF1	10/4/2010	1,2-Dibromoethane	24	ug/Kg	U
SEE09230955RCM1	9/23/2010	1,2-Dibromoethane	24	ug/Kg	U
SEE09211530JDF1	9/21/2010	1,2-Dibromoethane	24	ug/Kg	U
SEE09170945PML1	9/17/2010	1,2-Dibromoethane	24	ug/Kg	U
SEE09171125PML1	9/17/2010	1,2-Dibromoethane	24	ug/Kg	U
SEE09130955JRP1	9/13/2010	1,2-Dibromoethane	24	ug/Kg	U
SEE09091605PML1	9/9/2010	1,2-Dibromoethane	24	ug/Kg	U
SEE09041350PML1	9/4/2010	1,2-Dibromoethane	24	ug/Kg	U
SEE10071205PML1	10/7/2010	1,2-Dibromoethane	23	ug/Kg	U
SEE10071540PML1	10/7/2010	1,2-Dibromoethane	23	ug/Kg	U
SEE10041335JDF1	10/4/2010	1,2-Dibromoethane	23	ug/Kg	U
SEE09271025ARM1	9/27/2010	1,2-Dibromoethane	23	ug/Kg	U
SEE09171530PML1	9/17/2010	1,2-Dibromoethane	23	ug/Kg	U
SEE09051430PML1	9/5/2010	1,2-Dibromoethane	23	ug/Kg	U



**TABLE B-2b**  
**Upstream Sediment Samples (Morrow Lake)**

Sample ID	Sample Date	Analyte	Result	Unit	Data Qualifier
SEE08271500PML1	8/27/2010	1,2-Dibromoethane	23	ug/kg	U
SEE10150945JDF1	10/15/2010	1,2-Dibromoethane	22	ug/Kg	U
SEE10111011JDF1	10/11/2010	1,2-Dibromoethane	22	ug/Kg	U
SEE10111350JDF1	10/11/2010	1,2-Dibromoethane	22	ug/Kg	U
SEE10061051RCM1	10/6/2010	1,2-Dibromoethane	22	ug/Kg	U
SEE10041355ARM1	10/4/2010	1,2-Dibromoethane	22	ug/Kg	U
SEE09271515JDF1	9/27/2010	1,2-Dibromoethane	22	ug/Kg	U
SEE09221105JDF1	9/22/2010	1,2-Dibromoethane	22	ug/Kg	U
SEE09130940PML1	9/13/2010	1,2-Dibromoethane	22	ug/Kg	U
SEE08281215PML1	8/28/2010	1,2-Dibromoethane	22	ug/kg	U
SEE10121030JDF1	10/12/2010	1,2-Dibromoethane	21	ug/Kg	U
SEE09290925JDF1	9/29/2010	1,2-Dibromoethane	21	ug/Kg	U
SEE09091025JRP1	9/9/2010	1,2-Dibromoethane	21	ug/Kg	U
SEE09011635PML1	9/1/2010	1,2-Dibromoethane	21	ug/Kg	U
SEE08301520JRP1	8/30/2010	1,2-Dibromoethane	21	ug/Kg	U
SEE08281420TWH1	8/28/2010	1,2-Dibromoethane	21	ug/kg	U
SEE08261445JRP1	8/26/2010	1,2-Dibromoethane	21	ug/Kg	U
SEE10161055JDF1	10/16/2010	1,2-Dibromoethane	20	ug/Kg	U
SEE10151355ARM1	10/15/2010	1,2-Dibromoethane	20	ug/Kg	U
SEE10071415ARM1	10/7/2010	1,2-Dibromoethane	20	ug/Kg	U
SEE09031140MHS1	9/3/2010	1,2-Dibromoethane	20	ug/Kg	U
SEE08291421KAP1	8/29/2010	1,2-Dibromoethane	20	ug/kg	U
SEE08271145RCM1	8/27/2010	1,2-Dibromoethane	20	ug/kg	U
SEE10041050JDF1	10/4/2010	1,2-Dibromoethane	19	ug/Kg	U
SEE09301255MAE1	9/30/2010	1,2-Dibromoethane	19	ug/Kg	U
SEE09291645JDF1	9/29/2010	1,2-Dibromoethane	19	ug/Kg	U
SEE09051550MHS1	9/5/2010	1,2-Dibromoethane	19	ug/Kg	U
SEE09031645MHS1	9/3/2010	1,2-Dibromoethane	19	ug/Kg	U
SEE10041138RCM1	10/4/2010	1,2-Dibromoethane	18	ug/Kg	U
SEE09221615JDF1	9/22/2010	1,2-Dibromoethane	18	ug/Kg	U
SEE09191445RCM1	9/19/2010	1,2-Dibromoethane	18	ug/Kg	U
SEE08311010JRP1	8/31/2010	1,2-Dibromoethane	18	ug/Kg	U
SEE09250905RCM1	9/25/2010	1,2-Dibromoethane	17	ug/Kg	U
SEE09200911RCM1	9/20/2010	1,2-Dibromoethane	17	ug/Kg	U
SEE09090900JRP1	9/9/2010	1,2-Dibromoethane	17	ug/Kg	U
SEE09011545MHS1	9/1/2010	1,2-Dibromoethane	17	ug/Kg	U
SEE08281510TWH1	8/28/2010	1,2-Dibromoethane	17	ug/kg	U
SEE10170915JDF1	10/17/2010	1,2-Dibromoethane	16	ug/Kg	U
SEE09291135JDF1	9/29/2010	1,2-Dibromoethane	16	ug/Kg	U
SEE09260930RCM1	9/26/2010	1,2-Dibromoethane	16	ug/Kg	U
SEE09201110ARM1	9/20/2010	1,2-Dibromoethane	15	ug/Kg	U
SEE08301530JAW1	8/30/2010	1,2-Dibromoethane	15	ug/Kg	U
SEE08291550KAP1	8/29/2010	1,2-Dibromoethane	15	ug/kg	U
SEE10071151RCM1	10/7/2010	1,2-Dibromoethane	14	ug/Kg	U
SEE09211112RCM1	9/21/2010	1,2-Dibromoethane	14	ug/Kg	U
SEE08311348MHS1	8/31/2010	1,2-Dibromoethane	14	ug/Kg	U
SEE08300920JRP1	8/30/2010	1,2-Dibromoethane	14	ug/Kg	U
SEE08261620RCM1	8/26/2010	1,2-Dibromoethane	14	ug/kg	U
SEE10141025ARM1	10/14/2010	1,2-Dibromoethane	12	ug/Kg	U
SEE09130915JRP1	9/13/2010	1,2-Dibromoethane	12	ug/Kg	U
SEE10091200ARM1	10/9/2010	1,2-Dibromoethane	11	ug/Kg	U
SEE09291023RCM1	9/29/2010	1,2-Dibromoethane	11	ug/Kg	U
SEE09171445RCM1	9/17/2010	1,2-Dibromoethane	11	ug/Kg	U
SEE09161035RCM1	9/16/2010	1,2-Dibromoethane	11	ug/Kg	U
SEE09141312RCM1	9/14/2010	1,2-Dibromoethane	10	ug/Kg	U
SEE08291445PML1	8/29/2010	1,2-Dibromoethane	10	ug/kg	U
SEE08291354KAP1	8/29/2010	1,2-Dibromoethane	9.3	ug/kg	U
SEE10051415ARM1	10/5/2010	1,2-Dibromoethane	8.7	ug/Kg	U
SEE09061610JAW1	9/6/2010	1,2-Dibromoethane	8.5	ug/Kg	U
SEE10011125ARM1	10/1/2010	1,2-Dibromoethane	8.2	ug/Kg	U

**TABLE B-2b**  
**Upstream Sediment Samples (Morrow Lake)**

Sample ID	Sample Date	Analyte	Result	Unit	Data Qualifier
SEE08261700JRP1	8/26/2010	1,2-Dibromoethane	8.2	ug/Kg	U
SEE09051500MHS1	9/5/2010	1,2-Dibromoethane	8.0	ug/Kg	U
SEE10171535ARM1	10/17/2010	1,2-Dibromoethane	7.9	ug/Kg	U
SEE09231035ARM1	9/23/2010	1,2-Dibromoethane	7.9	ug/Kg	U
SEE09171200ARM1	9/17/2010	1,2-Dibromoethane	7.9	ug/Kg	U
SEE08271614TWH1	8/27/2010	1,2-Dibromoethane	7.8	ug/kg	U
SEE10081035ARM1	10/8/2010	1,2-Dibromoethane	7.6	ug/Kg	U
SEE08271652TWH1	8/27/2010	1,2-Dibromoethane	7.6	ug/kg	U
SEE09100945RCM1	9/10/2010	1,2-Dibromoethane	7.5	ug/Kg	U
SEE09211120ARM1	9/21/2010	1,2-Dibromoethane	7.4	ug/Kg	U
SEB09011143JLS1	9/1/2010	1,2-Dibromoethane	7.1	ug/Kg	U
SEE08301410JRP1	8/30/2010	1,2-Dibromoethane	7.0	ug/Kg	U
SEE09281445RCM1	9/28/2010	1,2-Dibromoethane	6.5	ug/Kg	U
SEE08271536TWH1	8/27/2010	1,2-Dibromoethane	6.3	ug/kg	U
SEE09271500ARM1	9/27/2010	1,2-Dibromoethane	6.2	ug/Kg	U
SEE09170935RCM1	9/17/2010	1,2-Dibromoethane	6.1	ug/Kg	U
SEF10011045TDF1	10/1/2010	1,2-Dibromoethane	6.0	ug/Kg	U
SEE09150915JRP1	9/15/2010	1,2-Dibromoethane	6.0	ug/Kg	U
SEE10011043RCM1	10/1/2010	1,2-Dibromoethane	5.8	ug/Kg	U
SEE09290915MAE1	9/29/2010	1,2-Dibromoethane	5.8	ug/Kg	U
SEE10131035ARM1	10/13/2010	1,2-Dibromoethane	5.5	ug/Kg	U
SEE10071045ARM1	10/7/2010	1,2-Dibromoethane	5.5	ug/Kg	U
SEE10041045ARM1	10/4/2010	1,2-Dibromoethane	5.5	ug/Kg	U
SEF10151030PMB3	10/15/2010	1,2-Dibromoethane	5.4	ug/Kg	U
SEF10081108TDF3	10/8/2010	1,2-Dibromoethane	5.4	ug/Kg	U
SEE09251235ARM1	9/25/2010	1,2-Dibromoethane	5.4	ug/Kg	U
SEE08281540JRP1	8/28/2010	1,2-Dibromoethane	5.4	ug/kg	U
SEF10051206TDF3	10/5/2010	1,2-Dibromoethane	5.3	ug/Kg	U
SEE09140945JRP1	9/14/2010	1,2-Dibromoethane	5.3	ug/Kg	U
SEE09080930JRP1	9/8/2010	1,2-Dibromoethane	5.3	ug/Kg	U
SEE09011515JAW1	9/1/2010	1,2-Dibromoethane	5.3	ug/Kg	U
SEE08301100JRP1	8/30/2010	1,2-Dibromoethane	5.3	ug/Kg	U
SEE10121040ARM1	10/12/2010	1,2-Dibromoethane	5.2	ug/Kg	U
SEF10121130PMB3	10/12/2010	1,2-Dibromoethane	5.2	ug/Kg	U
SEE09221045ARM1	9/22/2010	1,2-Dibromoethane	5.2	ug/Kg	U
SEE09100920JRP1	9/10/2010	1,2-Dibromoethane	5.1	ug/Kg	U
SEB08281400JLS1	8/28/2010	1,2-Dibromoethane	5.1	ug/kg	U
SEE09301025MAE1	9/30/2010	1,2-Dibromoethane	5.0	ug/Kg	U
SEE09051500JAW1	9/5/2010	1,2-Dibromoethane	5.0	ug/Kg	U
SEE10051145RCM1	10/5/2010	1,2-Dibromoethane	4.9	ug/Kg	U
SEE09070930JRP1	9/7/2010	1,2-Dibromoethane	4.9	ug/Kg	U
SEE10061135ARM1	10/6/2010	1,2-Dibromoethane	4.8	ug/Kg	U
SEE10181030JWP1	10/18/2010	1,2-Dibromoethane	4.6	ug/Kg	U
SEF09281139TDF1	9/28/2010	1,2-Dibromoethane	4.3	ug/Kg	U
SEE09231205RCM1	9/23/2010	1,2-Dibromoethane	3.3	ug/Kg	U
SEE08271445JRP1	8/27/2010	1,2-Dibromoethane	2.8	ug/kg	U
ML-07-S-082510	8/25/2010	1,2-Dibromoethane	0.73	mg/Kg	U
ML-03-S-082510	8/25/2010	1,2-Dibromoethane	0.43	mg/Kg	U
ML-06-S-082510	8/25/2010	1,2-Dibromoethane	0.42	mg/Kg	U
ML-07-S-082410	8/24/2010	1,2-Dibromoethane	0.41	mg/Kg	UJ
ML-06-S-082010	8/20/2010	1,2-Dibromoethane	0.38	mg/Kg	U
ML-08-S-082510	8/25/2010	1,2-Dibromoethane	0.37	mg/Kg	U
ML-08-S-082410	8/24/2010	1,2-Dibromoethane	0.37	mg/Kg	UJ
ML-06-S-082310	8/23/2010	1,2-Dibromoethane	0.37	mg/Kg	U
ML-07-S-082110	8/21/2010	1,2-Dibromoethane	0.37	mg/Kg	U
ML-08-S-082110	8/21/2010	1,2-Dibromoethane	0.37	mg/Kg	U
ML-10-S-082110	8/21/2010	1,2-Dibromoethane	0.37	mg/Kg	U
ML-10-S-082110	8/21/2010	1,2-Dibromoethane	0.37	mg/Kg	U
ML-10-S-081910	8/19/2010	1,2-Dibromoethane	0.37	mg/Kg	U
ML-10-S-081910	8/19/2010	1,2-Dibromoethane	0.37	mg/Kg	U

**TABLE B-2b**  
**Upstream Sediment Samples (Morrow Lake)**

Sample ID	Sample Date	Analyte	Result	Unit	Data Qualifier
ML-07-S-081810	8/18/2010	1,2-Dibromoethane	0.37	mg/Kg	UJ
ML-09-S-081810	8/18/2010	1,2-Dibromoethane	0.37	mg/Kg	UJ
ML-10-S-082410	8/24/2010	1,2-Dibromoethane	0.36	mg/Kg	UJ
ML-10-S-082410	8/24/2010	1,2-Dibromoethane	0.36	mg/Kg	UJ
ML-01-S-081610	8/16/2010	1,2-Dibromoethane	0.35	mg/Kg	U
ML-10-S-081610	8/16/2010	1,2-Dibromoethane	0.35	mg/Kg	U
ML-10-S-081610	8/16/2010	1,2-Dibromoethane	0.35	mg/Kg	U
ML-04-S-082410	8/24/2010	1,2-Dibromoethane	0.34	mg/Kg	UJ
ML-03-S-082310	8/23/2010	1,2-Dibromoethane	0.34	mg/Kg	U
ML-10-S-082110-D	8/21/2010	1,2-Dibromoethane	0.34	mg/Kg	U
ML-10-S-082110-D	8/21/2010	1,2-Dibromoethane	0.34	mg/Kg	U
ML-07-S-081610	8/16/2010	1,2-Dibromoethane	0.34	mg/Kg	U
ML-08-S-081610-D	8/16/2010	1,2-Dibromoethane	0.34	mg/Kg	U
ML-04-S-082610	8/26/2010	1,2-Dibromoethane	0.33	mg/Kg	U
ML-05-S-082310	8/23/2010	1,2-Dibromoethane	0.33	mg/Kg	U
ML-05-S-082010	8/20/2010	1,2-Dibromoethane	0.33	mg/Kg	U
ML-10-S-082610	8/26/2010	1,2-Dibromoethane	0.32	mg/Kg	U
ML-10-S-082610	8/26/2010	1,2-Dibromoethane	0.32	mg/Kg	U
ML-06-S-081710	8/17/2010	1,2-Dibromoethane	0.32	mg/Kg	U
ML-08-S-081610	8/16/2010	1,2-Dibromoethane	0.32	mg/Kg	U
ML-01-S-082510	8/25/2010	1,2-Dibromoethane	0.31	mg/Kg	U
ML-09-S-082510	8/25/2010	1,2-Dibromoethane	0.31	mg/Kg	U
ML-09-S-082410	8/24/2010	1,2-Dibromoethane	0.31	mg/Kg	UJ
ML-02-S-081710	8/17/2010	1,2-Dibromoethane	0.31	mg/Kg	U
ML-02-S-082510	8/25/2010	1,2-Dibromoethane	0.28	mg/Kg	U
ML-09-S-082110	8/21/2010	1,2-Dibromoethane	0.28	mg/Kg	U
ML-01-S-082110	8/21/2010	1,2-Dibromoethane	0.27	mg/Kg	U
ML-04-S-081710	8/17/2010	1,2-Dibromoethane	0.27	mg/Kg	U
ML-05-S-081710	8/17/2010	1,2-Dibromoethane	0.27	mg/Kg	U
ML-02-S-082310	8/23/2010	1,2-Dibromoethane	0.25	mg/Kg	U
ML-04-S-082010	8/20/2010	1,2-Dibromoethane	0.25	mg/Kg	U
ML-01-S-081910	8/19/2010	1,2-Dibromoethane	0.25	mg/Kg	U
ML-02-S-082010	8/20/2010	1,2-Dibromoethane	0.22	mg/Kg	U
ML-03-S-081610	8/16/2010	1,2-Dibromoethane	0.22	mg/Kg	U
ML-03-S-082010	8/20/2010	1,2-Dibromoethane	0.19	mg/Kg	U
ML-05-S-082610	8/26/2010	1,2-Dibromoethane	0.17	mg/Kg	U
SEE09051430PML1	9/5/2010	1,2-Dichlorobenzene	3000	ug/Kg	U
SEE09011635PML1	9/1/2010	1,2-Dichlorobenzene	3000	ug/Kg	U
SEE10211035JDF1	10/21/2010	1,2-Dichlorobenzene	960	ug/Kg	UJ
SEE10051125PML1	10/5/2010	1,2-Dichlorobenzene	930	ug/Kg	UJ
SEE09061500PML1	9/6/2010	1,2-Dichlorobenzene	920	ug/Kg	U
SEE09021400PML1	9/2/2010	1,2-Dichlorobenzene	920	ug/Kg	U
SEE09301105JDF1	9/30/2010	1,2-Dichlorobenzene	910	ug/Kg	U
SEE08301130PML1	8/30/2010	1,2-Dichlorobenzene	910	ug/Kg	U
SEE10191005JDF1	10/19/2010	1,2-Dichlorobenzene	880	ug/Kg	U
SEE10171410JDF1	10/17/2010	1,2-Dichlorobenzene	880	ug/Kg	UJ
SEE09181235PML1	9/18/2010	1,2-Dichlorobenzene	880	ug/Kg	UJ
SEE09101022PML1	9/10/2010	1,2-Dichlorobenzene	880	ug/Kg	UJ
SEE09011545PML1	9/1/2010	1,2-Dichlorobenzene	870	ug/Kg	U
SEE10211430JDF1	10/21/2010	1,2-Dichlorobenzene	860	ug/Kg	U
SEE09231645JDF1	9/23/2010	1,2-Dichlorobenzene	860	ug/Kg	U
SEE09141135PML1	9/14/2010	1,2-Dichlorobenzene	860	ug/Kg	UJ
SEE09091410RCM1	9/9/2010	1,2-Dichlorobenzene	860	ug/Kg	U
SEE10081115PML1	10/8/2010	1,2-Dichlorobenzene	850	ug/Kg	UJ
SEE09121105RCM1	9/12/2010	1,2-Dichlorobenzene	850	ug/Kg	UJ
SEE09101215PML1	9/10/2010	1,2-Dichlorobenzene	850	ug/Kg	UJ
SEE09081020RCM1	9/8/2010	1,2-Dichlorobenzene	850	ug/Kg	U
SEE09031645MHS1	9/3/2010	1,2-Dichlorobenzene	850	ug/Kg	U
SEE09011545MHS1	9/1/2010	1,2-Dichlorobenzene	850	ug/Kg	U
SEE08311420PML1	8/31/2010	1,2-Dichlorobenzene	850	ug/Kg	U

**TABLE B-2b**  
**Upstream Sediment Samples (Morrow Lake)**

Sample ID	Sample Date	Analyte	Result	Unit	Data Qualifier
SEE08311420PML1	8/31/2010	1,2-Dichlorobenzene	850	ug/Kg	U
SEE10131150JDF1	10/13/2010	1,2-Dichlorobenzene	840	ug/Kg	U
SEE09301255JDF1	9/30/2010	1,2-Dichlorobenzene	840	ug/Kg	U
SEE10221110JDF1	10/22/2010	1,2-Dichlorobenzene	830	ug/Kg	U
SEE10221110JDF1	10/22/2010	1,2-Dichlorobenzene	830	ug/Kg	U
SEE09030925PML1	9/3/2010	1,2-Dichlorobenzene	830	ug/Kg	U
SEE10191515JDF1	10/19/2010	1,2-Dichlorobenzene	820	ug/Kg	U
SEE10091401PML1	10/9/2010	1,2-Dichlorobenzene	820	ug/Kg	UJ
SEE09051550MHS1	9/5/2010	1,2-Dichlorobenzene	820	ug/Kg	U
SEE09291023RCM1	9/29/2010	1,2-Dichlorobenzene	810	ug/Kg	UJ
SEE09121436RCM1	9/12/2010	1,2-Dichlorobenzene	810	ug/Kg	UJ
SEE09021010PML1	9/2/2010	1,2-Dichlorobenzene	810	ug/Kg	U
SEE10041530JDF1	10/4/2010	1,2-Dichlorobenzene	800	ug/Kg	U
SEE09101625PML1	9/10/2010	1,2-Dichlorobenzene	800	ug/Kg	UJ
SEE09061525MHS1	9/6/2010	1,2-Dichlorobenzene	800	ug/Kg	U
SEE09031100PML1	9/3/2010	1,2-Dichlorobenzene	800	ug/Kg	U
SEE08301638MHS1	8/30/2010	1,2-Dichlorobenzene	800	ug/Kg	U
SEE10191415JDF1	10/19/2010	1,2-Dichlorobenzene	790	ug/Kg	U
SEE10181035JDF1	10/18/2010	1,2-Dichlorobenzene	790	ug/Kg	U
SEE10091614PML1	10/9/2010	1,2-Dichlorobenzene	790	ug/Kg	UJ
SEE10051653PML1	10/5/2010	1,2-Dichlorobenzene	790	ug/Kg	UJ
SEE09231210JDF1	9/23/2010	1,2-Dichlorobenzene	790	ug/Kg	U
SEE09141515PML1	9/14/2010	1,2-Dichlorobenzene	790	ug/Kg	UJ
SEE09131026RCM1	9/13/2010	1,2-Dichlorobenzene	790	ug/Kg	U
SEE09051130PML1	9/5/2010	1,2-Dichlorobenzene	790	ug/Kg	U
SEE08301550PML1	8/30/2010	1,2-Dichlorobenzene	790	ug/Kg	U
SEE10191155JDF1	10/19/2010	1,2-Dichlorobenzene	780	ug/Kg	U
SEE10171115JDF1	10/17/2010	1,2-Dichlorobenzene	780	ug/Kg	UJ
SEE10141015JDF1	10/14/2010	1,2-Dichlorobenzene	780	ug/Kg	UJ
SEE09220935RCM1	9/22/2010	1,2-Dichlorobenzene	780	ug/Kg	U
SEE09191445RCM1	9/19/2010	1,2-Dichlorobenzene	780	ug/Kg	U
SEE09161045PML1	9/16/2010	1,2-Dichlorobenzene	780	ug/Kg	UJ
SEE09071050PML1	9/7/2010	1,2-Dichlorobenzene	780	ug/Kg	UJ
SEE10211010JWP1	10/21/2010	1,2-Dichlorobenzene	770	ug/Kg	U
SEE10181510JDF1	10/18/2010	1,2-Dichlorobenzene	770	ug/Kg	U
SEE10181510JDF1	10/18/2010	1,2-Dichlorobenzene	770	ug/Kg	U
SEE10061205PML1	10/6/2010	1,2-Dichlorobenzene	770	ug/Kg	UJ
SEE10031115JDF1	10/3/2010	1,2-Dichlorobenzene	770	ug/Kg	UJ
SEE10031115JDF1	10/3/2010	1,2-Dichlorobenzene	770	ug/Kg	UJ
SEE09171415PML1	9/17/2010	1,2-Dichlorobenzene	770	ug/Kg	UJ
SEE09140945PML1	9/14/2010	1,2-Dichlorobenzene	770	ug/Kg	UJ
SEE09131445RCM1	9/13/2010	1,2-Dichlorobenzene	770	ug/Kg	U
SEE09131505PML1	9/13/2010	1,2-Dichlorobenzene	770	ug/Kg	U
SEE08301145MHS1	8/30/2010	1,2-Dichlorobenzene	770	ug/Kg	U
SEE10141555ARM1	10/14/2010	1,2-Dichlorobenzene	760	ug/Kg	UJ
SEE10101215PML1	10/10/2010	1,2-Dichlorobenzene	760	ug/Kg	U
SEE10101215PML1	10/10/2010	1,2-Dichlorobenzene	760	ug/Kg	U
SEE09170839RCM1	9/17/2010	1,2-Dichlorobenzene	760	ug/Kg	UJ
SEE09081205PML1	9/8/2010	1,2-Dichlorobenzene	760	ug/Kg	U
SEE09031140MHS1	9/3/2010	1,2-Dichlorobenzene	760	ug/Kg	U
SEE10061051RCM1	10/6/2010	1,2-Dichlorobenzene	750	ug/Kg	UJ
SEE10041138RCM1	10/4/2010	1,2-Dichlorobenzene	750	ug/Kg	U
SEE09251135JDF1	9/25/2010	1,2-Dichlorobenzene	750	ug/Kg	UJ
SEE09200945PML1	9/20/2010	1,2-Dichlorobenzene	750	ug/Kg	U
SEE09200945PML1	9/20/2010	1,2-Dichlorobenzene	750	ug/Kg	U
SEE09191040PML1	9/19/2010	1,2-Dichlorobenzene	750	ug/Kg	U
SEE09181705PML1	9/18/2010	1,2-Dichlorobenzene	750	ug/Kg	UJ
SEE09091005RCM1	9/9/2010	1,2-Dichlorobenzene	750	ug/Kg	U
SEE09061105PML1	9/6/2010	1,2-Dichlorobenzene	750	ug/Kg	U
SEE09031650PML1	9/3/2010	1,2-Dichlorobenzene	750	ug/Kg	U

**TABLE B-2b**  
**Upstream Sediment Samples (Morrow Lake)**

Sample ID	Sample Date	Analyte	Result	Unit	Data Qualifier
SEE09031650PML1	9/3/2010	1,2-Dichlorobenzene	750	ug/Kg	U
SEE10191100JDF1	10/19/2010	1,2-Dichlorobenzene	740	ug/Kg	U
SEE10141150JDF1	10/14/2010	1,2-Dichlorobenzene	740	ug/Kg	UJ
SEE10101010PML1	10/10/2010	1,2-Dichlorobenzene	740	ug/Kg	U
SEE10081051RCM1	10/8/2010	1,2-Dichlorobenzene	740	ug/Kg	UJ
SEE09261625JDF1	9/26/2010	1,2-Dichlorobenzene	740	ug/Kg	UJ
SEE09261625JDF1	9/26/2010	1,2-Dichlorobenzene	740	ug/Kg	UJ
SEE09191530PML1	9/19/2010	1,2-Dichlorobenzene	740	ug/Kg	U
SEE09151145PML1	9/15/2010	1,2-Dichlorobenzene	740	ug/Kg	U
SEE09151145PML1	9/15/2010	1,2-Dichlorobenzene	740	ug/Kg	U
SEE09121055PML1	9/12/2010	1,2-Dichlorobenzene	740	ug/Kg	UJ
SEE09121055PML1	9/12/2010	1,2-Dichlorobenzene	740	ug/Kg	UJ
SEE09091515PML1	9/9/2010	1,2-Dichlorobenzene	740	ug/Kg	U
SEE09081010PML1	9/8/2010	1,2-Dichlorobenzene	740	ug/Kg	U
SEE08311045PML1	8/31/2010	1,2-Dichlorobenzene	740	ug/Kg	U
SEE10161530JDF1	10/16/2010	1,2-Dichlorobenzene	730	ug/Kg	U
SEE10141550JDF1	10/14/2010	1,2-Dichlorobenzene	730	ug/Kg	UJ
SEE10141550JDF1	10/14/2010	1,2-Dichlorobenzene	730	ug/Kg	UJ
SEE10121155JDF1	10/12/2010	1,2-Dichlorobenzene	730	ug/Kg	UJ
SEE10011120JDF1	10/1/2010	1,2-Dichlorobenzene	730	ug/Kg	UJ
SEE09260930RCM1	9/26/2010	1,2-Dichlorobenzene	730	ug/Kg	UJ
SEE09230955RCM1	9/23/2010	1,2-Dichlorobenzene	730	ug/Kg	U
SEE09151015PML1	9/15/2010	1,2-Dichlorobenzene	730	ug/Kg	U
SEE09111015PML1	9/11/2010	1,2-Dichlorobenzene	730	ug/Kg	UJ
SEE10181210JDF1	10/18/2010	1,2-Dichlorobenzene	720	ug/Kg	U
SEE10150945JDF1	10/15/2010	1,2-Dichlorobenzene	720	ug/Kg	U
SEE10120930JDF1	10/12/2010	1,2-Dichlorobenzene	720	ug/Kg	UJ
SEE10081231PML1	10/8/2010	1,2-Dichlorobenzene	720	ug/Kg	UJ
SEE10071042RCM1	10/7/2010	1,2-Dichlorobenzene	720	ug/Kg	U
SEE10071101PML1	10/7/2010	1,2-Dichlorobenzene	720	ug/Kg	U
SEE09261215JDF1	9/26/2010	1,2-Dichlorobenzene	720	ug/Kg	UJ
SEE09011050PML1	9/1/2010	1,2-Dichlorobenzene	720	ug/Kg	U
SEE10221055DWS1	10/22/2010	1,2-Dichlorobenzene	710	ug/Kg	U
SEE09221440JDF1	9/22/2010	1,2-Dichlorobenzene	710	ug/Kg	U
SEE09040950PML1	9/4/2010	1,2-Dichlorobenzene	710	ug/Kg	U
SEE10181430JWP1	10/18/2010	1,2-Dichlorobenzene	700	ug/Kg	U
SEE10161115ARM1	10/16/2010	1,2-Dichlorobenzene	700	ug/Kg	U
SEE10061640PML1	10/6/2010	1,2-Dichlorobenzene	700	ug/Kg	UJ
SEE10061640PML1	10/6/2010	1,2-Dichlorobenzene	700	ug/Kg	UJ
SEE09301205RCM1	9/30/2010	1,2-Dichlorobenzene	700	ug/Kg	U
SEE09211155JDF1	9/21/2010	1,2-Dichlorobenzene	700	ug/Kg	UJ
SEE09201115RCM1	9/20/2010	1,2-Dichlorobenzene	700	ug/Kg	U
SEE09171445RCM1	9/17/2010	1,2-Dichlorobenzene	700	ug/Kg	UJ
SEE09161035RCM1	9/16/2010	1,2-Dichlorobenzene	700	ug/Kg	UJ
SEE10191010JWP1	10/19/2010	1,2-Dichlorobenzene	690	ug/Kg	U
SEE10041150JDF1	10/4/2010	1,2-Dichlorobenzene	690	ug/Kg	U
SEE09121450PML1	9/12/2010	1,2-Dichlorobenzene	690	ug/Kg	UJ
SEE08301520JRP1	8/30/2010	1,2-Dichlorobenzene	690	ug/Kg	U
SEE10111125JDF1	10/11/2010	1,2-Dichlorobenzene	680	ug/Kg	U
SEE09271130JDF1	9/27/2010	1,2-Dichlorobenzene	680	ug/Kg	U
SEE09131620PML1	9/13/2010	1,2-Dichlorobenzene	680	ug/Kg	UJ
SEE09061130MHS1	9/6/2010	1,2-Dichlorobenzene	680	ug/Kg	U
SEE08261445JRP1	8/26/2010	1,2-Dichlorobenzene	680	ug/Kg	U
SEE10031425JDF1	10/3/2010	1,2-Dichlorobenzene	670	ug/Kg	UJ
SEE09291035JDF1	9/29/2010	1,2-Dichlorobenzene	670	ug/Kg	UJ
SEE09250905RCM1	9/25/2010	1,2-Dichlorobenzene	670	ug/Kg	UJ
SEE09211530JDF1	9/21/2010	1,2-Dichlorobenzene	670	ug/Kg	UJ
SEE09131125PML1	9/13/2010	1,2-Dichlorobenzene	670	ug/Kg	U
SEE09091605PML1	9/9/2010	1,2-Dichlorobenzene	670	ug/Kg	U
SEE09041350PML1	9/4/2010	1,2-Dichlorobenzene	670	ug/Kg	U

**TABLE B-2b**  
**Upstream Sediment Samples (Morrow Lake)**

Sample ID	Sample Date	Analyte	Result	Unit	Data Qualifier
SEE09011255PML1	9/1/2010	1,2-Dichlorobenzene	670	ug/Kg	U
SEE09170945PML1	9/17/2010	1,2-Dichlorobenzene	660	ug/Kg	UJ
SEE09091145PML1	9/9/2010	1,2-Dichlorobenzene	660	ug/Kg	U
SEE08301445JRP1	8/30/2010	1,2-Dichlorobenzene	660	ug/Kg	U
SEE09091410PML1	9/9/2010	1,2-Dichlorobenzene	650	ug/Kg	U
SEE09171125PML1	9/17/2010	1,2-Dichlorobenzene	640	ug/Kg	UJ
SEE09051015PML1	9/5/2010	1,2-Dichlorobenzene	640	ug/Kg	U
SEE10161415JDF1	10/16/2010	1,2-Dichlorobenzene	630	ug/Kg	U
SEE10111011JDF1	10/11/2010	1,2-Dichlorobenzene	630	ug/Kg	U
SEE09130940PML1	9/13/2010	1,2-Dichlorobenzene	630	ug/Kg	U
SEE08301015JRP1	8/30/2010	1,2-Dichlorobenzene	630	ug/Kg	U
SEE10211035JDF1	10/21/2010	1,2-Dichlorobenzene	620	ug/Kg	U
SEE10121415ARM1	10/12/2010	1,2-Dichlorobenzene	620	ug/Kg	UJ
SEE10071540PML1	10/7/2010	1,2-Dichlorobenzene	620	ug/Kg	U
SEE09031115JAW1	9/3/2010	1,2-Dichlorobenzene	620	ug/Kg	U
SEE08301530JAW1	8/30/2010	1,2-Dichlorobenzene	620	ug/Kg	U
SEE10161055JDF1	10/16/2010	1,2-Dichlorobenzene	610	ug/Kg	U
SEE10071205PML1	10/7/2010	1,2-Dichlorobenzene	610	ug/Kg	U
SEE09271515JDF1	9/27/2010	1,2-Dichlorobenzene	610	ug/Kg	U
SEE09211112RCM1	9/21/2010	1,2-Dichlorobenzene	610	ug/Kg	UJ
SEE09201645ARM1	9/20/2010	1,2-Dichlorobenzene	610	ug/Kg	U
SEE09171530PML1	9/17/2010	1,2-Dichlorobenzene	610	ug/Kg	UJ
SEE09091010PML1	9/9/2010	1,2-Dichlorobenzene	610	ug/Kg	U
SEE09091025JRP1	9/9/2010	1,2-Dichlorobenzene	610	ug/Kg	U
SEE10111350JDF1	10/11/2010	1,2-Dichlorobenzene	600	ug/Kg	U
SEE09290925JDF1	9/29/2010	1,2-Dichlorobenzene	600	ug/Kg	UJ
SEE09221105JDF1	9/22/2010	1,2-Dichlorobenzene	600	ug/Kg	U
SEE09221615JDF1	9/22/2010	1,2-Dichlorobenzene	600	ug/Kg	U
SEE10151055ARM1	10/15/2010	1,2-Dichlorobenzene	590	ug/Kg	U
SEE09301255MAE1	9/30/2010	1,2-Dichlorobenzene	590	ug/Kg	U
SEE09011145PML1	9/1/2010	1,2-Dichlorobenzene	590	ug/Kg	U
SEE10041050JDF1	10/4/2010	1,2-Dichlorobenzene	580	ug/Kg	U
SEE09231130ARM1	9/23/2010	1,2-Dichlorobenzene	580	ug/Kg	U
SEE10121030JDF1	10/12/2010	1,2-Dichlorobenzene	570	ug/Kg	UJ
SEE10041335JDF1	10/4/2010	1,2-Dichlorobenzene	570	ug/Kg	U
SEE09271025ARM1	9/27/2010	1,2-Dichlorobenzene	570	ug/Kg	U
SEE10191515JDF1	10/19/2010	1,2-Dichlorobenzene	560	ug/Kg	U
SEE10040945JDF1	10/4/2010	1,2-Dichlorobenzene	560	ug/Kg	U
SEE09130955JRP1	9/13/2010	1,2-Dichlorobenzene	560	ug/Kg	U
SEE09291645JDF1	9/29/2010	1,2-Dichlorobenzene	550	ug/Kg	UJ
SEE10211430JDF1	10/21/2010	1,2-Dichlorobenzene	540	ug/Kg	U
SEE10191005JDF1	10/19/2010	1,2-Dichlorobenzene	540	ug/Kg	U
SEE10221110JDF1	10/22/2010	1,2-Dichlorobenzene	530	ug/Kg	U
SEE10221110JDF1	10/22/2010	1,2-Dichlorobenzene	530	ug/Kg	U
SEE09141312RCM1	9/14/2010	1,2-Dichlorobenzene	530	ug/Kg	UJ
SEE10191415JDF1	10/19/2010	1,2-Dichlorobenzene	510	ug/Kg	U
SEE10191155JDF1	10/19/2010	1,2-Dichlorobenzene	490	ug/Kg	U
SEE10151355ARM1	10/15/2010	1,2-Dichlorobenzene	480	ug/Kg	U
SEE10041355ARM1	10/4/2010	1,2-Dichlorobenzene	480	ug/Kg	U
SEE10211010JWP1	10/21/2010	1,2-Dichlorobenzene	470	ug/Kg	U
SEE10191100JDF1	10/19/2010	1,2-Dichlorobenzene	470	ug/Kg	U
SEE09090900JRP1	9/9/2010	1,2-Dichlorobenzene	470	ug/Kg	U
SEE08311010JRP1	8/31/2010	1,2-Dichlorobenzene	470	ug/Kg	U
SEE08311348MHS1	8/31/2010	1,2-Dichlorobenzene	470	ug/Kg	U
SEE10170915JDF1	10/17/2010	1,2-Dichlorobenzene	460	ug/Kg	UJ
SEE10071415ARM1	10/7/2010	1,2-Dichlorobenzene	460	ug/Kg	U
SEE09291135JDF1	9/29/2010	1,2-Dichlorobenzene	460	ug/Kg	UJ
SEE10221055DWS1	10/22/2010	1,2-Dichlorobenzene	450	ug/Kg	U
SEE10191010JWP1	10/19/2010	1,2-Dichlorobenzene	450	ug/Kg	U
SEE10071151RCM1	10/7/2010	1,2-Dichlorobenzene	430	ug/Kg	U

**TABLE B-2b**  
**Upstream Sediment Samples (Morrow Lake)**

Sample ID	Sample Date	Analyte	Result	Unit	Data Qualifier
SEE08300920JRP1	8/30/2010	1,2-Dichlorobenzene	410	ug/Kg	U
SEE10221450DWS1	10/22/2010	1,2-Dichlorobenzene	390	ug/Kg	U
SEE09051500MHS1	9/5/2010	1,2-Dichlorobenzene	380	ug/Kg	U
SEE10141025ARM1	10/14/2010	1,2-Dichlorobenzene	370	ug/Kg	UJ
SEE10211345JWP1	10/21/2010	1,2-Dichlorobenzene	330	ug/Kg	U
SEE10091200ARM1	10/9/2010	1,2-Dichlorobenzene	330	ug/Kg	UJ
SEE09130915JRP1	9/13/2010	1,2-Dichlorobenzene	330	ug/Kg	U
SEE08271145RCM1	8/27/2010	1,2-Dichlorobenzene	310	ug/kg	U
SEE09061610JAW1	9/6/2010	1,2-Dichlorobenzene	290	ug/Kg	U
SEE10141015JDF1	10/14/2010	1,2-Dichlorobenzene	280	ug/Kg	U
SEE10051415ARM1	10/5/2010	1,2-Dichlorobenzene	280	ug/Kg	UJ
SEE10171535ARM1	10/17/2010	1,2-Dichlorobenzene	270	ug/Kg	UJ
SEE08261620RCM1	8/26/2010	1,2-Dichlorobenzene	270	ug/kg	U
SEE08261700JRP1	8/26/2010	1,2-Dichlorobenzene	270	ug/Kg	U
SEE09100945RCM1	9/10/2010	1,2-Dichlorobenzene	260	ug/Kg	UJ
SEE08301410JRP1	8/30/2010	1,2-Dichlorobenzene	260	ug/Kg	U
SEE10011125ARM1	10/1/2010	1,2-Dichlorobenzene	250	ug/Kg	UJ
SEE09211120ARM1	9/21/2010	1,2-Dichlorobenzene	250	ug/Kg	UJ
SEE09201110ARM1	9/20/2010	1,2-Dichlorobenzene	250	ug/Kg	U
SEE10221450DWS1	10/22/2010	1,2-Dichlorobenzene	240	ug/Kg	U
SEF10221050MAE3	10/22/2010	1,2-Dichlorobenzene	240	ug/Kg	U
SEF10191135NAC3	10/19/2010	1,2-Dichlorobenzene	240	ug/Kg	U
SEE10081035ARM1	10/8/2010	1,2-Dichlorobenzene	240	ug/Kg	UJ
SEE09171200ARM1	9/17/2010	1,2-Dichlorobenzene	240	ug/Kg	UJ
SEF10011045TDF1	10/1/2010	1,2-Dichlorobenzene	230	ug/Kg	UJ
SEE09290915MAE1	9/29/2010	1,2-Dichlorobenzene	230	ug/Kg	UJ
SEE09271500ARM1	9/27/2010	1,2-Dichlorobenzene	230	ug/Kg	U
SEE09231205RCM1	9/23/2010	1,2-Dichlorobenzene	230	ug/Kg	U
SEE09200911RCM1	9/20/2010	1,2-Dichlorobenzene	230	ug/Kg	U
SEE09140945JRP1	9/14/2010	1,2-Dichlorobenzene	230	ug/Kg	UJ
SEE08261420RCM1	8/26/2010	1,2-Dichlorobenzene	230	ug/kg	U
SEE10211345JWP1	10/21/2010	1,2-Dichlorobenzene	220	ug/Kg	U
SEF10081108TDF3	10/8/2010	1,2-Dichlorobenzene	220	ug/Kg	UJ
SEE10071045ARM1	10/7/2010	1,2-Dichlorobenzene	220	ug/Kg	U
SEE10041045ARM1	10/4/2010	1,2-Dichlorobenzene	220	ug/Kg	U
SEE10011043RCM1	10/1/2010	1,2-Dichlorobenzene	220	ug/Kg	UJ
SEE09281445RCM1	9/28/2010	1,2-Dichlorobenzene	220	ug/Kg	U
SEE09251235ARM1	9/25/2010	1,2-Dichlorobenzene	220	ug/Kg	UJ
SEE09231035ARM1	9/23/2010	1,2-Dichlorobenzene	220	ug/Kg	U
SEE09170935RCM1	9/17/2010	1,2-Dichlorobenzene	220	ug/Kg	UJ
SEE09150915JRP1	9/15/2010	1,2-Dichlorobenzene	220	ug/Kg	U
SEE09070930JRP1	9/7/2010	1,2-Dichlorobenzene	220	ug/Kg	UJ
SEB09011143JLS1	9/1/2010	1,2-Dichlorobenzene	220	ug/Kg	U
SEE08301100JRP1	8/30/2010	1,2-Dichlorobenzene	220	ug/Kg	U
SEE10191115JWP1	10/19/2010	1,2-Dichlorobenzene	210	ug/Kg	U
SEF10151030PMB3	10/15/2010	1,2-Dichlorobenzene	210	ug/Kg	U
SEF10121130PMB3	10/12/2010	1,2-Dichlorobenzene	210	ug/Kg	UJ
SEE10061135ARM1	10/6/2010	1,2-Dichlorobenzene	210	ug/Kg	UJ
SEF10051206TDF3	10/5/2010	1,2-Dichlorobenzene	210	ug/Kg	UJ
SEE09100920JRP1	9/10/2010	1,2-Dichlorobenzene	210	ug/Kg	UJ
SEE09051500JAW1	9/5/2010	1,2-Dichlorobenzene	210	ug/Kg	U
SEE10131035ARM1	10/13/2010	1,2-Dichlorobenzene	200	ug/Kg	U
SEE10121040ARM1	10/12/2010	1,2-Dichlorobenzene	200	ug/Kg	UJ
SEE10051145RCM1	10/5/2010	1,2-Dichlorobenzene	200	ug/Kg	UJ
SEE09301025MAE1	9/30/2010	1,2-Dichlorobenzene	200	ug/Kg	U
SEF09281139TDF1	9/28/2010	1,2-Dichlorobenzene	200	ug/Kg	U
SEE09221045ARM1	9/22/2010	1,2-Dichlorobenzene	200	ug/Kg	U
SEE09080930JRP1	9/8/2010	1,2-Dichlorobenzene	200	ug/Kg	U
SEE09011515JAW1	9/1/2010	1,2-Dichlorobenzene	200	ug/Kg	U
SEE10181030JWP1	10/18/2010	1,2-Dichlorobenzene	190	ug/Kg	U

**TABLE B-2b**  
**Upstream Sediment Samples (Morrow Lake)**

Sample ID	Sample Date	Analyte	Result	Unit	Data Qualifier
SEE08281607TWH1	8/28/2010	1,2-Dichlorobenzene	160	ug/kg	UJ
SEE08281630RCM1	8/28/2010	1,2-Dichlorobenzene	160	ug/kg	UJ
SEF10221050MAE3	10/22/2010	1,2-Dichlorobenzene	150	ug/Kg	U
SEF10191135NAC3	10/19/2010	1,2-Dichlorobenzene	150	ug/Kg	U
SEE08281505PML1	8/28/2010	1,2-Dichlorobenzene	140	ug/kg	UJ
SEE08271215PML1	8/27/2010	1,2-Dichlorobenzene	140	ug/kg	U
SEE10191115JWP1	10/19/2010	1,2-Dichlorobenzene	130	ug/Kg	U
SEE08271500PML1	8/27/2010	1,2-Dichlorobenzene	130	ug/kg	U
SEE08271614TWH1	8/27/2010	1,2-Dichlorobenzene	130	ug/kg	U
SEE08291110PML1	8/29/2010	1,2-Dichlorobenzene	110	ug/kg	U
SEE08281215PML1	8/28/2010	1,2-Dichlorobenzene	110	ug/kg	U
SEE08281420TWH1	8/28/2010	1,2-Dichlorobenzene	110	ug/kg	UJ
SEE08281510TWH1	8/28/2010	1,2-Dichlorobenzene	100	ug/kg	UJ
SEE08291421KAP1	8/29/2010	1,2-Dichlorobenzene	97	ug/kg	U
SEE08271652TWH1	8/27/2010	1,2-Dichlorobenzene	95	ug/kg	U
SEE08291550KAP1	8/29/2010	1,2-Dichlorobenzene	78	ug/kg	U
SEE08291354KAP1	8/29/2010	1,2-Dichlorobenzene	63	ug/kg	U
SEE09200945PML1	9/20/2010	1,2-Dichlorobenzene	60	ug/Kg	U
SEE09200945PML1	9/20/2010	1,2-Dichlorobenzene	60	ug/Kg	U
SEE09201115RCM1	9/20/2010	1,2-Dichlorobenzene	58	ug/Kg	U
SEE08291445PML1	8/29/2010	1,2-Dichlorobenzene	52	ug/kg	U
SEE09201645ARM1	9/20/2010	1,2-Dichlorobenzene	48	ug/Kg	U
SEE10071042RCM1	10/7/2010	1,2-Dichlorobenzene	45	ug/Kg	UJ
SEE09061500PML1	9/6/2010	1,2-Dichlorobenzene	45	ug/Kg	U
SEE08281607TWH1	8/28/2010	1,2-Dichlorobenzene	44	ug/kg	U
SEE08271445JRP1	8/27/2010	1,2-Dichlorobenzene	43	ug/kg	U
SEE09301105JDF1	9/30/2010	1,2-Dichlorobenzene	42	ug/Kg	UJ
SEE09181705PML1	9/18/2010	1,2-Dichlorobenzene	42	ug/Kg	U
SEE08271536TWH1	8/27/2010	1,2-Dichlorobenzene	42	ug/kg	U
SEE09021400PML1	9/2/2010	1,2-Dichlorobenzene	41	ug/Kg	U
SEE08301130PML1	8/30/2010	1,2-Dichlorobenzene	41	ug/Kg	U
SEE10091401PML1	10/9/2010	1,2-Dichlorobenzene	40	ug/Kg	U
SEB08281400JLS1	8/28/2010	1,2-Dichlorobenzene	40	ug/kg	UJ
SEE10181035JDF1	10/18/2010	1,2-Dichlorobenzene	39	ug/Kg	U
SEE10051125PML1	10/5/2010	1,2-Dichlorobenzene	39	ug/Kg	UJ
SEE08311045PML1	8/31/2010	1,2-Dichlorobenzene	39	ug/Kg	UJ
SEE08281540JRP1	8/28/2010	1,2-Dichlorobenzene	39	ug/kg	U
SEE10141555ARM1	10/14/2010	1,2-Dichlorobenzene	38	ug/Kg	U
SEE09101215PML1	9/10/2010	1,2-Dichlorobenzene	38	ug/Kg	UJ
SEE10161530JDF1	10/16/2010	1,2-Dichlorobenzene	37	ug/Kg	U
SEE10081115PML1	10/8/2010	1,2-Dichlorobenzene	37	ug/Kg	UJ
SEE09030925PML1	9/3/2010	1,2-Dichlorobenzene	37	ug/Kg	UJ
SEE09031115JAW1	9/3/2010	1,2-Dichlorobenzene	37	ug/Kg	UJ
SEE08281505PML1	8/28/2010	1,2-Dichlorobenzene	37	ug/kg	UJ
SEE10171410JDF1	10/17/2010	1,2-Dichlorobenzene	36	ug/Kg	U
SEE09191530PML1	9/19/2010	1,2-Dichlorobenzene	36	ug/Kg	U
SEE09181235PML1	9/18/2010	1,2-Dichlorobenzene	36	ug/Kg	U
SEE09141135PML1	9/14/2010	1,2-Dichlorobenzene	36	ug/Kg	UJ
SEE09101022PML1	9/10/2010	1,2-Dichlorobenzene	36	ug/Kg	UJ
SEE10171115JDF1	10/17/2010	1,2-Dichlorobenzene	35	ug/Kg	U
SEE08311420PML1	8/31/2010	1,2-Dichlorobenzene	35	ug/Kg	UJ
SEE08311420PML1	8/31/2010	1,2-Dichlorobenzene	35	ug/Kg	UJ
SEE08271215PML1	8/27/2010	1,2-Dichlorobenzene	35	ug/kg	U
SEE10041530JDF1	10/4/2010	1,2-Dichlorobenzene	34	ug/Kg	UJ
SEE09121105RCM1	9/12/2010	1,2-Dichlorobenzene	34	ug/Kg	U
SEE09011545PML1	9/1/2010	1,2-Dichlorobenzene	34	ug/Kg	U
SEE08301550PML1	8/30/2010	1,2-Dichlorobenzene	34	ug/Kg	U
SEE10181210JDF1	10/18/2010	1,2-Dichlorobenzene	33	ug/Kg	U
SEE10181430JWP1	10/18/2010	1,2-Dichlorobenzene	33	ug/Kg	U
SEE10181510JDF1	10/18/2010	1,2-Dichlorobenzene	33	ug/Kg	U



**TABLE B-2b**  
**Upstream Sediment Samples (Morrow Lake)**

Sample ID	Sample Date	Analyte	Result	Unit	Data Qualifier
SEE10181510JDF1	10/18/2010	1,2-Dichlorobenzene	33	ug/Kg	U
SEE10131150JDF1	10/13/2010	1,2-Dichlorobenzene	33	ug/Kg	U
SEE10101010PML1	10/10/2010	1,2-Dichlorobenzene	33	ug/Kg	U
SEE10101215PML1	10/10/2010	1,2-Dichlorobenzene	33	ug/Kg	U
SEE10101215PML1	10/10/2010	1,2-Dichlorobenzene	33	ug/Kg	U
SEE09140945PML1	9/14/2010	1,2-Dichlorobenzene	33	ug/Kg	UJ
SEE09061525MHS1	9/6/2010	1,2-Dichlorobenzene	33	ug/Kg	U
SEE09051130PML1	9/5/2010	1,2-Dichlorobenzene	33	ug/Kg	U
SEE09031100PML1	9/3/2010	1,2-Dichlorobenzene	33	ug/Kg	UJ
SEE09021010PML1	9/2/2010	1,2-Dichlorobenzene	33	ug/Kg	U
SEE08281630RCM1	8/28/2010	1,2-Dichlorobenzene	33	ug/kg	UJ
SEE10031115JDF1	10/3/2010	1,2-Dichlorobenzene	32	ug/Kg	U
SEE10031115JDF1	10/3/2010	1,2-Dichlorobenzene	32	ug/Kg	U
SEE09301205RCM1	9/30/2010	1,2-Dichlorobenzene	32	ug/Kg	UJ
SEE09301255JDF1	9/30/2010	1,2-Dichlorobenzene	32	ug/Kg	UJ
SEE09231645JDF1	9/23/2010	1,2-Dichlorobenzene	32	ug/Kg	U
SEE09141515PML1	9/14/2010	1,2-Dichlorobenzene	32	ug/Kg	UJ
SEE09101625PML1	9/10/2010	1,2-Dichlorobenzene	32	ug/Kg	UJ
SEE09091005RCM1	9/9/2010	1,2-Dichlorobenzene	32	ug/Kg	U
SEE09061105PML1	9/6/2010	1,2-Dichlorobenzene	32	ug/Kg	U
SEE09031650PML1	9/3/2010	1,2-Dichlorobenzene	32	ug/Kg	UJ
SEE09031650PML1	9/3/2010	1,2-Dichlorobenzene	32	ug/Kg	UJ
SEE10081231PML1	10/8/2010	1,2-Dichlorobenzene	31	ug/Kg	UJ
SEE09231210JDF1	9/23/2010	1,2-Dichlorobenzene	31	ug/Kg	U
SEE09161045PML1	9/16/2010	1,2-Dichlorobenzene	31	ug/Kg	U
SEE09081205PML1	9/8/2010	1,2-Dichlorobenzene	31	ug/Kg	U
SEE09071050PML1	9/7/2010	1,2-Dichlorobenzene	31	ug/Kg	U
SEE08301145MHS1	8/30/2010	1,2-Dichlorobenzene	31	ug/Kg	U
SEE10161115ARM1	10/16/2010	1,2-Dichlorobenzene	30	ug/Kg	U
SEE10120930JDF1	10/12/2010	1,2-Dichlorobenzene	30	ug/Kg	U
SEE10071101PML1	10/7/2010	1,2-Dichlorobenzene	30	ug/Kg	UJ
SEE09261625JDF1	9/26/2010	1,2-Dichlorobenzene	30	ug/Kg	U
SEE09261625JDF1	9/26/2010	1,2-Dichlorobenzene	30	ug/Kg	U
SEE09131445RCM1	9/13/2010	1,2-Dichlorobenzene	30	ug/Kg	U
SEE09121055PML1	9/12/2010	1,2-Dichlorobenzene	30	ug/Kg	U
SEE09121055PML1	9/12/2010	1,2-Dichlorobenzene	30	ug/Kg	U
SEE09121436RCM1	9/12/2010	1,2-Dichlorobenzene	30	ug/Kg	U
SEE09091410RCM1	9/9/2010	1,2-Dichlorobenzene	30	ug/Kg	U
SEE09011050PML1	9/1/2010	1,2-Dichlorobenzene	30	ug/Kg	U
SEE10081051RCM1	10/8/2010	1,2-Dichlorobenzene	29	ug/Kg	UJ
SEE10061640PML1	10/6/2010	1,2-Dichlorobenzene	29	ug/Kg	U
SEE10061640PML1	10/6/2010	1,2-Dichlorobenzene	29	ug/Kg	U
SEE10051653PML1	10/5/2010	1,2-Dichlorobenzene	29	ug/Kg	UJ
SEE09261215JDF1	9/26/2010	1,2-Dichlorobenzene	29	ug/Kg	U
SEE09231130ARM1	9/23/2010	1,2-Dichlorobenzene	29	ug/Kg	U
SEE09191040PML1	9/19/2010	1,2-Dichlorobenzene	29	ug/Kg	U
SEE09131026RCM1	9/13/2010	1,2-Dichlorobenzene	29	ug/Kg	U
SEE09131505PML1	9/13/2010	1,2-Dichlorobenzene	29	ug/Kg	U
SEE09040950PML1	9/4/2010	1,2-Dichlorobenzene	29	ug/Kg	U
SEE10011120JDF1	10/1/2010	1,2-Dichlorobenzene	28	ug/Kg	UJ
SEE09211155JDF1	9/21/2010	1,2-Dichlorobenzene	28	ug/Kg	U
SEE09171415PML1	9/17/2010	1,2-Dichlorobenzene	28	ug/Kg	U
SEE09151145PML1	9/15/2010	1,2-Dichlorobenzene	28	ug/Kg	U
SEE09151145PML1	9/15/2010	1,2-Dichlorobenzene	28	ug/Kg	U
SEE09131620PML1	9/13/2010	1,2-Dichlorobenzene	28	ug/Kg	U
SEE09121450PML1	9/12/2010	1,2-Dichlorobenzene	28	ug/Kg	U
SEE09091515PML1	9/9/2010	1,2-Dichlorobenzene	28	ug/Kg	U
SEE09081010PML1	9/8/2010	1,2-Dichlorobenzene	28	ug/Kg	U
SEE09081020RCM1	9/8/2010	1,2-Dichlorobenzene	28	ug/Kg	U
SEE09011255PML1	9/1/2010	1,2-Dichlorobenzene	28	ug/Kg	U

**TABLE B-2b**  
**Upstream Sediment Samples (Morrow Lake)**

Sample ID	Sample Date	Analyte	Result	Unit	Data Qualifier
SEE08301015JRP1	8/30/2010	1,2-Dichlorobenzene	28	ug/Kg	U
SEE08261420RCM1	8/26/2010	1,2-Dichlorobenzene	28	ug/kg	U
SEE10091614PML1	10/9/2010	1,2-Dichlorobenzene	27	ug/Kg	U
SEE10061205PML1	10/6/2010	1,2-Dichlorobenzene	27	ug/Kg	U
SEE10041150JDF1	10/4/2010	1,2-Dichlorobenzene	27	ug/Kg	UJ
SEE09251135JDF1	9/25/2010	1,2-Dichlorobenzene	27	ug/Kg	U
SEE09221440JDF1	9/22/2010	1,2-Dichlorobenzene	27	ug/Kg	U
SEE09170839RCM1	9/17/2010	1,2-Dichlorobenzene	27	ug/Kg	U
SEE09151015PML1	9/15/2010	1,2-Dichlorobenzene	27	ug/Kg	U
SEE08291110PML1	8/29/2010	1,2-Dichlorobenzene	27	ug/kg	U
SEE10141150JDF1	10/14/2010	1,2-Dichlorobenzene	26	ug/Kg	U
SEE10141550JDF1	10/14/2010	1,2-Dichlorobenzene	26	ug/Kg	U
SEE10141550JDF1	10/14/2010	1,2-Dichlorobenzene	26	ug/Kg	U
SEE10121155JDF1	10/12/2010	1,2-Dichlorobenzene	26	ug/Kg	U
SEE09271130JDF1	9/27/2010	1,2-Dichlorobenzene	26	ug/Kg	U
SEE09131125PML1	9/13/2010	1,2-Dichlorobenzene	26	ug/Kg	U
SEE09091010PML1	9/9/2010	1,2-Dichlorobenzene	26	ug/Kg	U
SEE09091145PML1	9/9/2010	1,2-Dichlorobenzene	26	ug/Kg	U
SEE09091410PML1	9/9/2010	1,2-Dichlorobenzene	26	ug/Kg	U
SEE09061130MHS1	9/6/2010	1,2-Dichlorobenzene	26	ug/Kg	U
SEE09011145PML1	9/1/2010	1,2-Dichlorobenzene	26	ug/Kg	U
SEE08301638MHS1	8/30/2010	1,2-Dichlorobenzene	26	ug/Kg	U
SEE10151055ARM1	10/15/2010	1,2-Dichlorobenzene	25	ug/Kg	U
SEE10121415ARM1	10/12/2010	1,2-Dichlorobenzene	25	ug/Kg	U
SEE10111125JDF1	10/11/2010	1,2-Dichlorobenzene	25	ug/Kg	U
SEE10031425JDF1	10/3/2010	1,2-Dichlorobenzene	25	ug/Kg	U
SEE09291035JDF1	9/29/2010	1,2-Dichlorobenzene	25	ug/Kg	U
SEE09220935RCM1	9/22/2010	1,2-Dichlorobenzene	25	ug/Kg	U
SEE09111015PML1	9/11/2010	1,2-Dichlorobenzene	25	ug/Kg	U
SEE09051015PML1	9/5/2010	1,2-Dichlorobenzene	25	ug/Kg	U
SEE08301445JRP1	8/30/2010	1,2-Dichlorobenzene	25	ug/Kg	U
SEE10161415JDF1	10/16/2010	1,2-Dichlorobenzene	24	ug/Kg	U
SEE10040945JDF1	10/4/2010	1,2-Dichlorobenzene	24	ug/Kg	UJ
SEE09230955RCM1	9/23/2010	1,2-Dichlorobenzene	24	ug/Kg	U
SEE09211530JDF1	9/21/2010	1,2-Dichlorobenzene	24	ug/Kg	U
SEE09170945PML1	9/17/2010	1,2-Dichlorobenzene	24	ug/Kg	U
SEE09171125PML1	9/17/2010	1,2-Dichlorobenzene	24	ug/Kg	U
SEE09130955JRP1	9/13/2010	1,2-Dichlorobenzene	24	ug/Kg	U
SEE09091605PML1	9/9/2010	1,2-Dichlorobenzene	24	ug/Kg	U
SEE09041350PML1	9/4/2010	1,2-Dichlorobenzene	24	ug/Kg	U
SEE10071205PML1	10/7/2010	1,2-Dichlorobenzene	23	ug/Kg	UJ
SEE10071540PML1	10/7/2010	1,2-Dichlorobenzene	23	ug/Kg	UJ
SEE10041335JDF1	10/4/2010	1,2-Dichlorobenzene	23	ug/Kg	UJ
SEE09271025ARM1	9/27/2010	1,2-Dichlorobenzene	23	ug/Kg	U
SEE09171530PML1	9/17/2010	1,2-Dichlorobenzene	23	ug/Kg	U
SEE09051430PML1	9/5/2010	1,2-Dichlorobenzene	23	ug/Kg	U
SEE08271500PML1	8/27/2010	1,2-Dichlorobenzene	23	ug/kg	U
SEE10150945JDF1	10/15/2010	1,2-Dichlorobenzene	22	ug/Kg	U
SEE10111011JDF1	10/11/2010	1,2-Dichlorobenzene	22	ug/Kg	U
SEE10111350JDF1	10/11/2010	1,2-Dichlorobenzene	22	ug/Kg	U
SEE10061051RCM1	10/6/2010	1,2-Dichlorobenzene	22	ug/Kg	U
SEE10041355ARM1	10/4/2010	1,2-Dichlorobenzene	22	ug/Kg	UJ
SEE09271515JDF1	9/27/2010	1,2-Dichlorobenzene	22	ug/Kg	U
SEE09221105JDF1	9/22/2010	1,2-Dichlorobenzene	22	ug/Kg	U
SEE09130940PML1	9/13/2010	1,2-Dichlorobenzene	22	ug/Kg	U
SEE08281215PML1	8/28/2010	1,2-Dichlorobenzene	22	ug/kg	U
SEE10121030JDF1	10/12/2010	1,2-Dichlorobenzene	21	ug/Kg	U
SEE09290925JDF1	9/29/2010	1,2-Dichlorobenzene	21	ug/Kg	U
SEE09091025JRP1	9/9/2010	1,2-Dichlorobenzene	21	ug/Kg	U
SEE09011635PML1	9/1/2010	1,2-Dichlorobenzene	21	ug/Kg	U

**TABLE B-2b**  
**Upstream Sediment Samples (Morrow Lake)**

Sample ID	Sample Date	Analyte	Result	Unit	Data Qualifier
SEE08301520JRP1	8/30/2010	1,2-Dichlorobenzene	21	ug/Kg	U
SEE08281420TWH1	8/28/2010	1,2-Dichlorobenzene	21	ug/kg	U
SEE08261445JRP1	8/26/2010	1,2-Dichlorobenzene	21	ug/Kg	U
SEE10161055JDF1	10/16/2010	1,2-Dichlorobenzene	20	ug/Kg	U
SEE10151355ARM1	10/15/2010	1,2-Dichlorobenzene	20	ug/Kg	U
SEE10071415ARM1	10/7/2010	1,2-Dichlorobenzene	20	ug/Kg	UJ
SEE09031140MHS1	9/3/2010	1,2-Dichlorobenzene	20	ug/Kg	UJ
SEE08291421KAP1	8/29/2010	1,2-Dichlorobenzene	20	ug/kg	U
SEE08271145RCM1	8/27/2010	1,2-Dichlorobenzene	20	ug/kg	U
SEE10041050JDF1	10/4/2010	1,2-Dichlorobenzene	19	ug/Kg	UJ
SEE09301255MAE1	9/30/2010	1,2-Dichlorobenzene	19	ug/Kg	UJ
SEE09291645JDF1	9/29/2010	1,2-Dichlorobenzene	19	ug/Kg	U
SEE09051550MHS1	9/5/2010	1,2-Dichlorobenzene	19	ug/Kg	U
SEE09031645MHS1	9/3/2010	1,2-Dichlorobenzene	19	ug/Kg	UJ
SEE10041138RCM1	10/4/2010	1,2-Dichlorobenzene	18	ug/Kg	UJ
SEE09221615JDF1	9/22/2010	1,2-Dichlorobenzene	18	ug/Kg	U
SEE09191445RCM1	9/19/2010	1,2-Dichlorobenzene	18	ug/Kg	U
SEE08311010JRP1	8/31/2010	1,2-Dichlorobenzene	18	ug/Kg	UJ
SEE09250905RCM1	9/25/2010	1,2-Dichlorobenzene	17	ug/Kg	U
SEE09200911RCM1	9/20/2010	1,2-Dichlorobenzene	17	ug/Kg	U
SEE09090900JRP1	9/9/2010	1,2-Dichlorobenzene	17	ug/Kg	U
SEE09011545MHS1	9/1/2010	1,2-Dichlorobenzene	17	ug/Kg	U
SEE08281510TWH1	8/28/2010	1,2-Dichlorobenzene	17	ug/kg	U
SEE10170915JDF1	10/17/2010	1,2-Dichlorobenzene	16	ug/Kg	U
SEE09291135JDF1	9/29/2010	1,2-Dichlorobenzene	16	ug/Kg	U
SEE09260930RCM1	9/26/2010	1,2-Dichlorobenzene	16	ug/Kg	U
SEE09201110ARM1	9/20/2010	1,2-Dichlorobenzene	15	ug/Kg	U
SEE08301530JAW1	8/30/2010	1,2-Dichlorobenzene	15	ug/Kg	U
SEE08291550KAP1	8/29/2010	1,2-Dichlorobenzene	15	ug/kg	U
SEE10071151RCM1	10/7/2010	1,2-Dichlorobenzene	14	ug/Kg	UJ
SEE09211112RCM1	9/21/2010	1,2-Dichlorobenzene	14	ug/Kg	U
SEE08311348MHS1	8/31/2010	1,2-Dichlorobenzene	14	ug/Kg	UJ
SEE08300920JRP1	8/30/2010	1,2-Dichlorobenzene	14	ug/Kg	U
SEE08261620RCM1	8/26/2010	1,2-Dichlorobenzene	14	ug/kg	U
SEE10141025ARM1	10/14/2010	1,2-Dichlorobenzene	12	ug/Kg	U
SEE09130915JRP1	9/13/2010	1,2-Dichlorobenzene	12	ug/Kg	U
SEE10091200ARM1	10/9/2010	1,2-Dichlorobenzene	11	ug/Kg	U
SEE09291023RCM1	9/29/2010	1,2-Dichlorobenzene	11	ug/Kg	U
SEE09171445RCM1	9/17/2010	1,2-Dichlorobenzene	11	ug/Kg	U
SEE09161035RCM1	9/16/2010	1,2-Dichlorobenzene	11	ug/Kg	U
SEE09141312RCM1	9/14/2010	1,2-Dichlorobenzene	10	ug/Kg	UJ
SEE08291445PML1	8/29/2010	1,2-Dichlorobenzene	10	ug/kg	U
SEE08291354KAP1	8/29/2010	1,2-Dichlorobenzene	9.3	ug/kg	U
SEE10051415ARM1	10/5/2010	1,2-Dichlorobenzene	8.7	ug/Kg	UJ
SEE09061610JAW1	9/6/2010	1,2-Dichlorobenzene	8.5	ug/Kg	U
SEE10011125ARM1	10/1/2010	1,2-Dichlorobenzene	8.2	ug/Kg	UJ
SEE08261700JRP1	8/26/2010	1,2-Dichlorobenzene	8.2	ug/Kg	U
SEE09051500MHS1	9/5/2010	1,2-Dichlorobenzene	8.0	ug/Kg	U
SEE10171535ARM1	10/17/2010	1,2-Dichlorobenzene	7.9	ug/Kg	U
SEE09231035ARM1	9/23/2010	1,2-Dichlorobenzene	7.9	ug/Kg	U
SEE09171200ARM1	9/17/2010	1,2-Dichlorobenzene	7.9	ug/Kg	U
SEE08271614TWH1	8/27/2010	1,2-Dichlorobenzene	7.8	ug/kg	U
SEE10081035ARM1	10/8/2010	1,2-Dichlorobenzene	7.6	ug/Kg	UJ
SEE08271652TWH1	8/27/2010	1,2-Dichlorobenzene	7.6	ug/kg	U
SEE09100945RCM1	9/10/2010	1,2-Dichlorobenzene	7.5	ug/Kg	UJ
SEE09211120ARM1	9/21/2010	1,2-Dichlorobenzene	7.4	ug/Kg	U
SEB09011143JLS1	9/1/2010	1,2-Dichlorobenzene	7.1	ug/Kg	U
SEE08301410JRP1	8/30/2010	1,2-Dichlorobenzene	7.0	ug/Kg	U
SEE09281445RCM1	9/28/2010	1,2-Dichlorobenzene	6.5	ug/Kg	U
SEE08271536TWH1	8/27/2010	1,2-Dichlorobenzene	6.3	ug/kg	U

**TABLE B-2b**  
**Upstream Sediment Samples (Morrow Lake)**

Sample ID	Sample Date	Analyte	Result	Unit	Data Qualifier
SEE09271500ARM1	9/27/2010	1,2-Dichlorobenzene	6.2	ug/Kg	U
SEE09170935RCM1	9/17/2010	1,2-Dichlorobenzene	6.1	ug/Kg	U
SEF10011045TDF1	10/1/2010	1,2-Dichlorobenzene	6.0	ug/Kg	UJ
SEE09150915JRP1	9/15/2010	1,2-Dichlorobenzene	6.0	ug/Kg	U
SEE10011043RCM1	10/1/2010	1,2-Dichlorobenzene	5.8	ug/Kg	UJ
SEE09290915MAE1	9/29/2010	1,2-Dichlorobenzene	5.8	ug/Kg	U
SEE10131035ARM1	10/13/2010	1,2-Dichlorobenzene	5.5	ug/Kg	U
SEE10071045ARM1	10/7/2010	1,2-Dichlorobenzene	5.5	ug/Kg	UJ
SEE10041045ARM1	10/4/2010	1,2-Dichlorobenzene	5.5	ug/Kg	UJ
SEF10151030PMB3	10/15/2010	1,2-Dichlorobenzene	5.4	ug/Kg	U
SEF10081108TDF3	10/8/2010	1,2-Dichlorobenzene	5.4	ug/Kg	UJ
SEE09251235ARM1	9/25/2010	1,2-Dichlorobenzene	5.4	ug/Kg	U
SEE08281540JRP1	8/28/2010	1,2-Dichlorobenzene	5.4	ug/kg	U
SEF10051206TDF3	10/5/2010	1,2-Dichlorobenzene	5.3	ug/Kg	UJ
SEE09140945JRP1	9/14/2010	1,2-Dichlorobenzene	5.3	ug/Kg	UJ
SEE09080930JRP1	9/8/2010	1,2-Dichlorobenzene	5.3	ug/Kg	U
SEE09011515JAW1	9/1/2010	1,2-Dichlorobenzene	5.3	ug/Kg	U
SEE08301100JRP1	8/30/2010	1,2-Dichlorobenzene	5.3	ug/Kg	U
SEE10121040ARM1	10/12/2010	1,2-Dichlorobenzene	5.2	ug/Kg	U
SEF10121130PMB3	10/12/2010	1,2-Dichlorobenzene	5.2	ug/Kg	U
SEE09221045ARM1	9/22/2010	1,2-Dichlorobenzene	5.2	ug/Kg	U
SEE09100920JRP1	9/10/2010	1,2-Dichlorobenzene	5.1	ug/Kg	UJ
SEB08281400JLS1	8/28/2010	1,2-Dichlorobenzene	5.1	ug/kg	U
SEE09301025MAE1	9/30/2010	1,2-Dichlorobenzene	5.0	ug/Kg	UJ
SEE09051500JAW1	9/5/2010	1,2-Dichlorobenzene	5.0	ug/Kg	U
SEE10051145RCM1	10/5/2010	1,2-Dichlorobenzene	4.9	ug/Kg	UJ
SEE09070930JRP1	9/7/2010	1,2-Dichlorobenzene	4.9	ug/Kg	U
SEE10061135ARM1	10/6/2010	1,2-Dichlorobenzene	4.8	ug/Kg	U
SEE10181030JWP1	10/18/2010	1,2-Dichlorobenzene	4.6	ug/Kg	U
SEF09281139TDF1	9/28/2010	1,2-Dichlorobenzene	4.3	ug/Kg	U
SEE09231205RCM1	9/23/2010	1,2-Dichlorobenzene	3.3	ug/Kg	U
SEE08271445JRP1	8/27/2010	1,2-Dichlorobenzene	2.8	ug/kg	U
ML-07-S-082510	8/25/2010	1,2-Dichlorobenzene	0.73	mg/Kg	U
ML-03-S-082510	8/25/2010	1,2-Dichlorobenzene	0.43	mg/Kg	U
ML-06-S-082510	8/25/2010	1,2-Dichlorobenzene	0.42	mg/Kg	U
ML-07-S-082410	8/24/2010	1,2-Dichlorobenzene	0.41	mg/Kg	UJ
ML-06-S-082010	8/20/2010	1,2-Dichlorobenzene	0.38	mg/Kg	U
ML-08-S-082510	8/25/2010	1,2-Dichlorobenzene	0.37	mg/Kg	U
ML-08-S-082410	8/24/2010	1,2-Dichlorobenzene	0.37	mg/Kg	UJ
ML-06-S-082310	8/23/2010	1,2-Dichlorobenzene	0.37	mg/Kg	U
ML-07-S-082110	8/21/2010	1,2-Dichlorobenzene	0.37	mg/Kg	U
ML-08-S-082110	8/21/2010	1,2-Dichlorobenzene	0.37	mg/Kg	U
ML-10-S-082110	8/21/2010	1,2-Dichlorobenzene	0.37	mg/Kg	U
ML-10-S-082110	8/21/2010	1,2-Dichlorobenzene	0.37	mg/Kg	U
ML-10-S-081910	8/19/2010	1,2-Dichlorobenzene	0.37	mg/Kg	U
ML-10-S-081910	8/19/2010	1,2-Dichlorobenzene	0.37	mg/Kg	U
ML-07-S-081810	8/18/2010	1,2-Dichlorobenzene	0.37	mg/Kg	UJ
ML-09-S-081810	8/18/2010	1,2-Dichlorobenzene	0.37	mg/Kg	UJ
ML-10-S-082410	8/24/2010	1,2-Dichlorobenzene	0.36	mg/Kg	UJ
ML-10-S-082410	8/24/2010	1,2-Dichlorobenzene	0.36	mg/Kg	UJ
ML-01-S-081610	8/16/2010	1,2-Dichlorobenzene	0.35	mg/Kg	U
ML-10-S-081610	8/16/2010	1,2-Dichlorobenzene	0.35	mg/Kg	U
ML-10-S-081610	8/16/2010	1,2-Dichlorobenzene	0.35	mg/Kg	U
ML-04-S-082410	8/24/2010	1,2-Dichlorobenzene	0.34	mg/Kg	UJ
ML-03-S-082310	8/23/2010	1,2-Dichlorobenzene	0.34	mg/Kg	U
ML-10-S-082110-D	8/21/2010	1,2-Dichlorobenzene	0.34	mg/Kg	U
ML-10-S-082110-D	8/21/2010	1,2-Dichlorobenzene	0.34	mg/Kg	U
ML-07-S-081610	8/16/2010	1,2-Dichlorobenzene	0.34	mg/Kg	U
ML-08-S-081610-D	8/16/2010	1,2-Dichlorobenzene	0.34	mg/Kg	U
ML-04-S-082610	8/26/2010	1,2-Dichlorobenzene	0.33	mg/Kg	U

**TABLE B-2b**  
**Upstream Sediment Samples (Morrow Lake)**

Sample ID	Sample Date	Analyte	Result	Unit	Data Qualifier
ML-05-S-082310	8/23/2010	1,2-Dichlorobenzene	0.33	mg/Kg	U
ML-05-S-082010	8/20/2010	1,2-Dichlorobenzene	0.33	mg/Kg	U
ML-10-S-082610	8/26/2010	1,2-Dichlorobenzene	0.32	mg/Kg	U
ML-10-S-082610	8/26/2010	1,2-Dichlorobenzene	0.32	mg/Kg	U
ML-06-S-081710	8/17/2010	1,2-Dichlorobenzene	0.32	mg/Kg	U
ML-08-S-081610	8/16/2010	1,2-Dichlorobenzene	0.32	mg/Kg	U
ML-01-S-082510	8/25/2010	1,2-Dichlorobenzene	0.31	mg/Kg	U
ML-09-S-082510	8/25/2010	1,2-Dichlorobenzene	0.31	mg/Kg	U
ML-09-S-082410	8/24/2010	1,2-Dichlorobenzene	0.31	mg/Kg	UJ
ML-02-S-081710	8/17/2010	1,2-Dichlorobenzene	0.31	mg/Kg	U
ML-02-S-082510	8/25/2010	1,2-Dichlorobenzene	0.28	mg/Kg	U
ML-09-S-082110	8/21/2010	1,2-Dichlorobenzene	0.28	mg/Kg	U
ML-01-S-082110	8/21/2010	1,2-Dichlorobenzene	0.27	mg/Kg	U
ML-04-S-081710	8/17/2010	1,2-Dichlorobenzene	0.27	mg/Kg	U
ML-05-S-081710	8/17/2010	1,2-Dichlorobenzene	0.27	mg/Kg	U
ML-02-S-082310	8/23/2010	1,2-Dichlorobenzene	0.25	mg/Kg	U
ML-04-S-082010	8/20/2010	1,2-Dichlorobenzene	0.25	mg/Kg	U
ML-01-S-081910	8/19/2010	1,2-Dichlorobenzene	0.25	mg/Kg	U
ML-02-S-082010	8/20/2010	1,2-Dichlorobenzene	0.22	mg/Kg	U
ML-03-S-081610	8/16/2010	1,2-Dichlorobenzene	0.22	mg/Kg	U
ML-03-S-082010	8/20/2010	1,2-Dichlorobenzene	0.19	mg/Kg	U
ML-05-S-082610	8/26/2010	1,2-Dichlorobenzene	0.17	mg/Kg	U
SEE10211035JDF1	10/21/2010	1,2-Dichloroethane	620	ug/Kg	U
SEE10191515JDF1	10/19/2010	1,2-Dichloroethane	560	ug/Kg	U
SEE10211430JDF1	10/21/2010	1,2-Dichloroethane	540	ug/Kg	U
SEE10191005JDF1	10/19/2010	1,2-Dichloroethane	540	ug/Kg	U
SEE10221110JDF1	10/22/2010	1,2-Dichloroethane	530	ug/Kg	U
SEE10221110JDF1	10/22/2010	1,2-Dichloroethane	530	ug/Kg	U
SEE10191415JDF1	10/19/2010	1,2-Dichloroethane	510	ug/Kg	U
SEE10191155JDF1	10/19/2010	1,2-Dichloroethane	490	ug/Kg	U
SEE10211010JWP1	10/21/2010	1,2-Dichloroethane	470	ug/Kg	U
SEE10191100JDF1	10/19/2010	1,2-Dichloroethane	470	ug/Kg	U
SEE10221055DWS1	10/22/2010	1,2-Dichloroethane	450	ug/Kg	U
SEE10191010JWP1	10/19/2010	1,2-Dichloroethane	450	ug/Kg	U
SEE10221450DWS1	10/22/2010	1,2-Dichloroethane	240	ug/Kg	U
SEE10211345JWP1	10/21/2010	1,2-Dichloroethane	220	ug/Kg	U
SEF10221050MAE3	10/22/2010	1,2-Dichloroethane	150	ug/Kg	U
SEF10191135NAC3	10/19/2010	1,2-Dichloroethane	150	ug/Kg	U
SEE10141015JDF1	10/14/2010	1,2-Dichloroethane	140	ug/Kg	U
SEE10191115JWP1	10/19/2010	1,2-Dichloroethane	130	ug/Kg	U
SEE09200945PML1	9/20/2010	1,2-Dichloroethane	60	ug/Kg	U
SEE09200945PML1	9/20/2010	1,2-Dichloroethane	60	ug/Kg	U
SEE09201115RCM1	9/20/2010	1,2-Dichloroethane	58	ug/Kg	U
SEE09201645ARM1	9/20/2010	1,2-Dichloroethane	48	ug/Kg	U
SEE10071042RCM1	10/7/2010	1,2-Dichloroethane	45	ug/Kg	U
SEE09061500PML1	9/6/2010	1,2-Dichloroethane	45	ug/Kg	U
SEE08281607TWH1	8/28/2010	1,2-Dichloroethane	44	ug/kg	U
SEE09301105JDF1	9/30/2010	1,2-Dichloroethane	42	ug/Kg	U
SEE09181705PML1	9/18/2010	1,2-Dichloroethane	42	ug/Kg	U
SEE09021400PML1	9/2/2010	1,2-Dichloroethane	41	ug/Kg	U
SEE08301130PML1	8/30/2010	1,2-Dichloroethane	41	ug/Kg	U
SEE10091401PML1	10/9/2010	1,2-Dichloroethane	40	ug/Kg	U
SEE10181035JDF1	10/18/2010	1,2-Dichloroethane	39	ug/Kg	U
SEE10051125PML1	10/5/2010	1,2-Dichloroethane	39	ug/Kg	UJ
SEE08311045PML1	8/31/2010	1,2-Dichloroethane	39	ug/Kg	U
SEE10141555ARM1	10/14/2010	1,2-Dichloroethane	38	ug/Kg	U
SEE09101215PML1	9/10/2010	1,2-Dichloroethane	38	ug/Kg	U
SEE10161530JDF1	10/16/2010	1,2-Dichloroethane	37	ug/Kg	U
SEE10081115PML1	10/8/2010	1,2-Dichloroethane	37	ug/Kg	U
SEE09030925PML1	9/3/2010	1,2-Dichloroethane	37	ug/Kg	U

**TABLE B-2b**  
**Upstream Sediment Samples (Morrow Lake)**

Sample ID	Sample Date	Analyte	Result	Unit	Data Qualifier
SEE09031115JAW1	9/3/2010	1,2-Dichloroethane	37	ug/Kg	U
SEE08281505PML1	8/28/2010	1,2-Dichloroethane	37	ug/kg	U
SEE10171410JDF1	10/17/2010	1,2-Dichloroethane	36	ug/Kg	U
SEE09191530PML1	9/19/2010	1,2-Dichloroethane	36	ug/Kg	U
SEE09181235PML1	9/18/2010	1,2-Dichloroethane	36	ug/Kg	U
SEE09141135PML1	9/14/2010	1,2-Dichloroethane	36	ug/Kg	U
SEE09101022PML1	9/10/2010	1,2-Dichloroethane	36	ug/Kg	U
SEE10171115JDF1	10/17/2010	1,2-Dichloroethane	35	ug/Kg	U
SEE08311420PML1	8/31/2010	1,2-Dichloroethane	35	ug/Kg	U
SEE08311420PML1	8/31/2010	1,2-Dichloroethane	35	ug/Kg	U
SEE08271215PML1	8/27/2010	1,2-Dichloroethane	35	ug/kg	U
SEE10041530JDF1	10/4/2010	1,2-Dichloroethane	34	ug/Kg	U
SEE09121105RCM1	9/12/2010	1,2-Dichloroethane	34	ug/Kg	U
SEE09011545PML1	9/1/2010	1,2-Dichloroethane	34	ug/Kg	U
SEE08301550PML1	8/30/2010	1,2-Dichloroethane	34	ug/Kg	U
SEE10181210JDF1	10/18/2010	1,2-Dichloroethane	33	ug/Kg	U
SEE10181430JWP1	10/18/2010	1,2-Dichloroethane	33	ug/Kg	U
SEE10181510JDF1	10/18/2010	1,2-Dichloroethane	33	ug/Kg	U
SEE10181510JDF1	10/18/2010	1,2-Dichloroethane	33	ug/Kg	U
SEE10131150JDF1	10/13/2010	1,2-Dichloroethane	33	ug/Kg	U
SEE10101010PML1	10/10/2010	1,2-Dichloroethane	33	ug/Kg	U
SEE10101215PML1	10/10/2010	1,2-Dichloroethane	33	ug/Kg	U
SEE10101215PML1	10/10/2010	1,2-Dichloroethane	33	ug/Kg	U
SEE09140945PML1	9/14/2010	1,2-Dichloroethane	33	ug/Kg	U
SEE09061525MHS1	9/6/2010	1,2-Dichloroethane	33	ug/Kg	U
SEE09051130PML1	9/5/2010	1,2-Dichloroethane	33	ug/Kg	U
SEE09031100PML1	9/3/2010	1,2-Dichloroethane	33	ug/Kg	U
SEE09021010PML1	9/2/2010	1,2-Dichloroethane	33	ug/Kg	U
SEE08281630RCM1	8/28/2010	1,2-Dichloroethane	33	ug/kg	U
SEE10031115JDF1	10/3/2010	1,2-Dichloroethane	32	ug/Kg	U
SEE10031115JDF1	10/3/2010	1,2-Dichloroethane	32	ug/Kg	U
SEE09301205RCM1	9/30/2010	1,2-Dichloroethane	32	ug/Kg	U
SEE09301255JDF1	9/30/2010	1,2-Dichloroethane	32	ug/Kg	U
SEE09231645JDF1	9/23/2010	1,2-Dichloroethane	32	ug/Kg	U
SEE09141515PML1	9/14/2010	1,2-Dichloroethane	32	ug/Kg	U
SEE09101625PML1	9/10/2010	1,2-Dichloroethane	32	ug/Kg	U
SEE09091005RCM1	9/9/2010	1,2-Dichloroethane	32	ug/Kg	U
SEE09061105PML1	9/6/2010	1,2-Dichloroethane	32	ug/Kg	U
SEE09031650PML1	9/3/2010	1,2-Dichloroethane	32	ug/Kg	U
SEE09031650PML1	9/3/2010	1,2-Dichloroethane	32	ug/Kg	U
SEE10081231PML1	10/8/2010	1,2-Dichloroethane	31	ug/Kg	U
SEE09231210JDF1	9/23/2010	1,2-Dichloroethane	31	ug/Kg	U
SEE09161045PML1	9/16/2010	1,2-Dichloroethane	31	ug/Kg	U
SEE09081205PML1	9/8/2010	1,2-Dichloroethane	31	ug/Kg	U
SEE09071050PML1	9/7/2010	1,2-Dichloroethane	31	ug/Kg	UJ
SEE08301145MHS1	8/30/2010	1,2-Dichloroethane	31	ug/Kg	U
SEE10161115ARM1	10/16/2010	1,2-Dichloroethane	30	ug/Kg	U
SEE10120930JDF1	10/12/2010	1,2-Dichloroethane	30	ug/Kg	U
SEE10071101PML1	10/7/2010	1,2-Dichloroethane	30	ug/Kg	U
SEE09261625JDF1	9/26/2010	1,2-Dichloroethane	30	ug/Kg	U
SEE09261625JDF1	9/26/2010	1,2-Dichloroethane	30	ug/Kg	U
SEE09131445RCM1	9/13/2010	1,2-Dichloroethane	30	ug/Kg	U
SEE09121055PML1	9/12/2010	1,2-Dichloroethane	30	ug/Kg	U
SEE09121055PML1	9/12/2010	1,2-Dichloroethane	30	ug/Kg	U
SEE09121436RCM1	9/12/2010	1,2-Dichloroethane	30	ug/Kg	U
SEE09091410RCM1	9/9/2010	1,2-Dichloroethane	30	ug/Kg	U
SEE09011050PML1	9/1/2010	1,2-Dichloroethane	30	ug/Kg	U
SEE10081051RCM1	10/8/2010	1,2-Dichloroethane	29	ug/Kg	U
SEE10061640PML1	10/6/2010	1,2-Dichloroethane	29	ug/Kg	U
SEE10061640PML1	10/6/2010	1,2-Dichloroethane	29	ug/Kg	U

**TABLE B-2b**  
**Upstream Sediment Samples (Morrow Lake)**

Sample ID	Sample Date	Analyte	Result	Unit	Data Qualifier
SEE10051653PML1	10/5/2010	1,2-Dichloroethane	29	ug/Kg	UJ
SEE09261215JDF1	9/26/2010	1,2-Dichloroethane	29	ug/Kg	U
SEE09231130ARM1	9/23/2010	1,2-Dichloroethane	29	ug/Kg	U
SEE09191040PML1	9/19/2010	1,2-Dichloroethane	29	ug/Kg	U
SEE09131026RCM1	9/13/2010	1,2-Dichloroethane	29	ug/Kg	U
SEE09131505PML1	9/13/2010	1,2-Dichloroethane	29	ug/Kg	U
SEE09040950PML1	9/4/2010	1,2-Dichloroethane	29	ug/Kg	U
SEE10011120JDF1	10/1/2010	1,2-Dichloroethane	28	ug/Kg	U
SEE09211155JDF1	9/21/2010	1,2-Dichloroethane	28	ug/Kg	U
SEE09171415PML1	9/17/2010	1,2-Dichloroethane	28	ug/Kg	U
SEE09151145PML1	9/15/2010	1,2-Dichloroethane	28	ug/Kg	U
SEE09151145PML1	9/15/2010	1,2-Dichloroethane	28	ug/Kg	U
SEE09131620PML1	9/13/2010	1,2-Dichloroethane	28	ug/Kg	U
SEE09121450PML1	9/12/2010	1,2-Dichloroethane	28	ug/Kg	U
SEE09091515PML1	9/9/2010	1,2-Dichloroethane	28	ug/Kg	U
SEE09081010PML1	9/8/2010	1,2-Dichloroethane	28	ug/Kg	U
SEE09081020RCM1	9/8/2010	1,2-Dichloroethane	28	ug/Kg	U
SEE09011255PML1	9/1/2010	1,2-Dichloroethane	28	ug/Kg	U
SEE08301015JRP1	8/30/2010	1,2-Dichloroethane	28	ug/Kg	U
SEE08261420RCM1	8/26/2010	1,2-Dichloroethane	28	ug/kg	U
SEE10091614PML1	10/9/2010	1,2-Dichloroethane	27	ug/Kg	U
SEE10061205PML1	10/6/2010	1,2-Dichloroethane	27	ug/Kg	U
SEE10041150JDF1	10/4/2010	1,2-Dichloroethane	27	ug/Kg	U
SEE09251135JDF1	9/25/2010	1,2-Dichloroethane	27	ug/Kg	U
SEE09221440JDF1	9/22/2010	1,2-Dichloroethane	27	ug/Kg	U
SEE09170839RCM1	9/17/2010	1,2-Dichloroethane	27	ug/Kg	U
SEE09151015PML1	9/15/2010	1,2-Dichloroethane	27	ug/Kg	U
SEE08291110PML1	8/29/2010	1,2-Dichloroethane	27	ug/kg	U
SEE10141150JDF1	10/14/2010	1,2-Dichloroethane	26	ug/Kg	U
SEE10141550JDF1	10/14/2010	1,2-Dichloroethane	26	ug/Kg	U
SEE10141550JDF1	10/14/2010	1,2-Dichloroethane	26	ug/Kg	U
SEE10121155JDF1	10/12/2010	1,2-Dichloroethane	26	ug/Kg	U
SEE09271130JDF1	9/27/2010	1,2-Dichloroethane	26	ug/Kg	U
SEE09131125PML1	9/13/2010	1,2-Dichloroethane	26	ug/Kg	U
SEE09091010PML1	9/9/2010	1,2-Dichloroethane	26	ug/Kg	U
SEE09091145PML1	9/9/2010	1,2-Dichloroethane	26	ug/Kg	U
SEE09091410PML1	9/9/2010	1,2-Dichloroethane	26	ug/Kg	U
SEE09061130MHS1	9/6/2010	1,2-Dichloroethane	26	ug/Kg	U
SEE09011145PML1	9/1/2010	1,2-Dichloroethane	26	ug/Kg	U
SEE08301638MHS1	8/30/2010	1,2-Dichloroethane	26	ug/Kg	U
SEE10151055ARM1	10/15/2010	1,2-Dichloroethane	25	ug/Kg	U
SEE10121415ARM1	10/12/2010	1,2-Dichloroethane	25	ug/Kg	U
SEE10111125JDF1	10/11/2010	1,2-Dichloroethane	25	ug/Kg	U
SEE10031425JDF1	10/3/2010	1,2-Dichloroethane	25	ug/Kg	U
SEE09291035JDF1	9/29/2010	1,2-Dichloroethane	25	ug/Kg	U
SEE09220935RCM1	9/22/2010	1,2-Dichloroethane	25	ug/Kg	U
SEE09111015PML1	9/11/2010	1,2-Dichloroethane	25	ug/Kg	U
SEE09051015PML1	9/5/2010	1,2-Dichloroethane	25	ug/Kg	U
SEE08301445JRP1	8/30/2010	1,2-Dichloroethane	25	ug/Kg	U
SEE10161415JDF1	10/16/2010	1,2-Dichloroethane	24	ug/Kg	U
SEE10040945JDF1	10/4/2010	1,2-Dichloroethane	24	ug/Kg	U
SEE09230955RCM1	9/23/2010	1,2-Dichloroethane	24	ug/Kg	U
SEE09211530JDF1	9/21/2010	1,2-Dichloroethane	24	ug/Kg	U
SEE09170945PML1	9/17/2010	1,2-Dichloroethane	24	ug/Kg	U
SEE09171125PML1	9/17/2010	1,2-Dichloroethane	24	ug/Kg	U
SEE09130955JRP1	9/13/2010	1,2-Dichloroethane	24	ug/Kg	U
SEE09091605PML1	9/9/2010	1,2-Dichloroethane	24	ug/Kg	U
SEE09041350PML1	9/4/2010	1,2-Dichloroethane	24	ug/Kg	U
SEE10071205PML1	10/7/2010	1,2-Dichloroethane	23	ug/Kg	U
SEE10071540PML1	10/7/2010	1,2-Dichloroethane	23	ug/Kg	U

**TABLE B-2b**  
**Upstream Sediment Samples (Morrow Lake)**

Sample ID	Sample Date	Analyte	Result	Unit	Data Qualifier
SEE10041335JDF1	10/4/2010	1,2-Dichloroethane	23	ug/Kg	U
SEE09271025ARM1	9/27/2010	1,2-Dichloroethane	23	ug/Kg	U
SEE09171530PML1	9/17/2010	1,2-Dichloroethane	23	ug/Kg	U
SEE09051430PML1	9/5/2010	1,2-Dichloroethane	23	ug/Kg	U
SEE08271500PML1	8/27/2010	1,2-Dichloroethane	23	ug/kg	U
SEE10150945JDF1	10/15/2010	1,2-Dichloroethane	22	ug/Kg	U
SEE10111011JDF1	10/11/2010	1,2-Dichloroethane	22	ug/Kg	U
SEE10111350JDF1	10/11/2010	1,2-Dichloroethane	22	ug/Kg	U
SEE10061051RCM1	10/6/2010	1,2-Dichloroethane	22	ug/Kg	U
SEE10041355ARM1	10/4/2010	1,2-Dichloroethane	22	ug/Kg	U
SEE09271515JDF1	9/27/2010	1,2-Dichloroethane	22	ug/Kg	U
SEE09221105JDF1	9/22/2010	1,2-Dichloroethane	22	ug/Kg	U
SEE09130940PML1	9/13/2010	1,2-Dichloroethane	22	ug/Kg	U
SEE08281215PML1	8/28/2010	1,2-Dichloroethane	22	ug/kg	U
SEE10121030JDF1	10/12/2010	1,2-Dichloroethane	21	ug/Kg	U
SEE09290925JDF1	9/29/2010	1,2-Dichloroethane	21	ug/Kg	U
SEE09091025JRP1	9/9/2010	1,2-Dichloroethane	21	ug/Kg	U
SEE09011635PML1	9/1/2010	1,2-Dichloroethane	21	ug/Kg	U
SEE08301520JRP1	8/30/2010	1,2-Dichloroethane	21	ug/Kg	U
SEE08281420TWH1	8/28/2010	1,2-Dichloroethane	21	ug/kg	U
SEE08261445JRP1	8/26/2010	1,2-Dichloroethane	21	ug/Kg	U
SEE10161055JDF1	10/16/2010	1,2-Dichloroethane	20	ug/Kg	U
SEE10151355ARM1	10/15/2010	1,2-Dichloroethane	20	ug/Kg	U
SEE10071415ARM1	10/7/2010	1,2-Dichloroethane	20	ug/Kg	U
SEE09031140MHS1	9/3/2010	1,2-Dichloroethane	20	ug/Kg	U
SEE08291421KAP1	8/29/2010	1,2-Dichloroethane	20	ug/kg	U
SEE08271145RCM1	8/27/2010	1,2-Dichloroethane	20	ug/kg	U
SEE10041050JDF1	10/4/2010	1,2-Dichloroethane	19	ug/Kg	U
SEE09301255MAE1	9/30/2010	1,2-Dichloroethane	19	ug/Kg	U
SEE09291645JDF1	9/29/2010	1,2-Dichloroethane	19	ug/Kg	U
SEE09051550MHS1	9/5/2010	1,2-Dichloroethane	19	ug/Kg	U
SEE09031645MHS1	9/3/2010	1,2-Dichloroethane	19	ug/Kg	U
SEE10041138RCM1	10/4/2010	1,2-Dichloroethane	18	ug/Kg	U
SEE09221615JDF1	9/22/2010	1,2-Dichloroethane	18	ug/Kg	U
SEE09191445RCM1	9/19/2010	1,2-Dichloroethane	18	ug/Kg	U
SEE08311010JRP1	8/31/2010	1,2-Dichloroethane	18	ug/Kg	U
SEE09250905RCM1	9/25/2010	1,2-Dichloroethane	17	ug/Kg	U
SEE09200911RCM1	9/20/2010	1,2-Dichloroethane	17	ug/Kg	U
SEE09090900JRP1	9/9/2010	1,2-Dichloroethane	17	ug/Kg	U
SEE09011545MHS1	9/1/2010	1,2-Dichloroethane	17	ug/Kg	U
SEE08281510TWH1	8/28/2010	1,2-Dichloroethane	17	ug/kg	U
SEE10170915JDF1	10/17/2010	1,2-Dichloroethane	16	ug/Kg	U
SEE09291135JDF1	9/29/2010	1,2-Dichloroethane	16	ug/Kg	U
SEE09260930RCM1	9/26/2010	1,2-Dichloroethane	16	ug/Kg	U
SEE09201110ARM1	9/20/2010	1,2-Dichloroethane	15	ug/Kg	U
SEE08301530JAW1	8/30/2010	1,2-Dichloroethane	15	ug/Kg	U
SEE10071151RCM1	10/7/2010	1,2-Dichloroethane	14	ug/Kg	U
SEE09211112RCM1	9/21/2010	1,2-Dichloroethane	14	ug/Kg	U
SEE08311348MHS1	8/31/2010	1,2-Dichloroethane	14	ug/Kg	U
SEE08300920JRP1	8/30/2010	1,2-Dichloroethane	14	ug/Kg	U
SEE08261620RCM1	8/26/2010	1,2-Dichloroethane	14	ug/kg	U
SEE10141025ARM1	10/14/2010	1,2-Dichloroethane	12	ug/Kg	U
SEE09130915JRP1	9/13/2010	1,2-Dichloroethane	12	ug/Kg	U
SEE10091200ARM1	10/9/2010	1,2-Dichloroethane	11	ug/Kg	U
SEE09291023RCM1	9/29/2010	1,2-Dichloroethane	11	ug/Kg	U
SEE09171445RCM1	9/17/2010	1,2-Dichloroethane	11	ug/Kg	U
SEE09161035RCM1	9/16/2010	1,2-Dichloroethane	11	ug/Kg	U
SEE09141312RCM1	9/14/2010	1,2-Dichloroethane	10	ug/Kg	U
SEE08291445PML1	8/29/2010	1,2-Dichloroethane	10	ug/kg	U
SEE08291354KAP1	8/29/2010	1,2-Dichloroethane	9.3	ug/Kg	U



**TABLE B-2b**  
**Upstream Sediment Samples (Morrow Lake)**

Sample ID	Sample Date	Analyte	Result	Unit	Data Qualifier
SEE10051415ARM1	10/5/2010	1,2-Dichloroethane	8.7	ug/Kg	UJ
SEE09061610JAW1	9/6/2010	1,2-Dichloroethane	8.5	ug/Kg	U
SEE10011125ARM1	10/1/2010	1,2-Dichloroethane	8.2	ug/Kg	U
SEE08261700JRP1	8/26/2010	1,2-Dichloroethane	8.2	ug/Kg	U
SEE09051500MHS1	9/5/2010	1,2-Dichloroethane	8.0	ug/Kg	U
SEE10171535ARM1	10/17/2010	1,2-Dichloroethane	7.9	ug/Kg	U
SEE09231035ARM1	9/23/2010	1,2-Dichloroethane	7.9	ug/Kg	U
SEE09171200ARM1	9/17/2010	1,2-Dichloroethane	7.9	ug/Kg	U
SEE08271614TWH1	8/27/2010	1,2-Dichloroethane	7.8	ug/kg	U
SEE10081035ARM1	10/8/2010	1,2-Dichloroethane	7.6	ug/Kg	U
SEE08271652TWH1	8/27/2010	1,2-Dichloroethane	7.6	ug/kg	U
SEE09100945RCM1	9/10/2010	1,2-Dichloroethane	7.5	ug/Kg	U
SEE09211120ARM1	9/21/2010	1,2-Dichloroethane	7.4	ug/Kg	U
SEB09011143JLS1	9/1/2010	1,2-Dichloroethane	7.1	ug/Kg	U
SEE08301410JRP1	8/30/2010	1,2-Dichloroethane	7.0	ug/Kg	U
SEE09281445RCM1	9/28/2010	1,2-Dichloroethane	6.5	ug/Kg	U
SEE08271536TWH1	8/27/2010	1,2-Dichloroethane	6.3	ug/kg	U
SEE09271500ARM1	9/27/2010	1,2-Dichloroethane	6.2	ug/Kg	U
SEE09170935RCM1	9/17/2010	1,2-Dichloroethane	6.1	ug/Kg	U
SEF10011045TDF1	10/1/2010	1,2-Dichloroethane	6.0	ug/Kg	U
SEE09150915JRP1	9/15/2010	1,2-Dichloroethane	6.0	ug/Kg	U
SEE10011043RCM1	10/1/2010	1,2-Dichloroethane	5.8	ug/Kg	U
SEE09290915MAE1	9/29/2010	1,2-Dichloroethane	5.8	ug/Kg	U
SEE10131035ARM1	10/13/2010	1,2-Dichloroethane	5.5	ug/Kg	U
SEE10071045ARM1	10/7/2010	1,2-Dichloroethane	5.5	ug/Kg	U
SEE10041045ARM1	10/4/2010	1,2-Dichloroethane	5.5	ug/Kg	U
SEF10151030PMB3	10/15/2010	1,2-Dichloroethane	5.4	ug/Kg	U
SEF10081108TDF3	10/8/2010	1,2-Dichloroethane	5.4	ug/Kg	U
SEE09251235ARM1	9/25/2010	1,2-Dichloroethane	5.4	ug/Kg	U
SEE08281540JRP1	8/28/2010	1,2-Dichloroethane	5.4	ug/kg	U
SEF10051206TDF3	10/5/2010	1,2-Dichloroethane	5.3	ug/Kg	UJ
SEE09140945JRP1	9/14/2010	1,2-Dichloroethane	5.3	ug/Kg	U
SEE09080930JRP1	9/8/2010	1,2-Dichloroethane	5.3	ug/Kg	U
SEE09011515JAW1	9/1/2010	1,2-Dichloroethane	5.3	ug/Kg	U
SEE08301100JRP1	8/30/2010	1,2-Dichloroethane	5.3	ug/Kg	U
SEE10121040ARM1	10/12/2010	1,2-Dichloroethane	5.2	ug/Kg	U
SEF10121130PMB3	10/12/2010	1,2-Dichloroethane	5.2	ug/Kg	U
SEE09221045ARM1	9/22/2010	1,2-Dichloroethane	5.2	ug/Kg	U
SEE09100920JRP1	9/10/2010	1,2-Dichloroethane	5.1	ug/Kg	U
SEB08281400JLS1	8/28/2010	1,2-Dichloroethane	5.1	ug/kg	U
SEE09301025MAE1	9/30/2010	1,2-Dichloroethane	5.0	ug/Kg	U
SEE09051500JAW1	9/5/2010	1,2-Dichloroethane	5.0	ug/Kg	U
SEE10051145RCM1	10/5/2010	1,2-Dichloroethane	4.9	ug/Kg	UJ
SEE09070930JRP1	9/7/2010	1,2-Dichloroethane	4.9	ug/Kg	UJ
SEE10061135ARM1	10/6/2010	1,2-Dichloroethane	4.8	ug/Kg	U
SEE10181030JWP1	10/18/2010	1,2-Dichloroethane	4.6	ug/Kg	U
SEF09281139TDF1	9/28/2010	1,2-Dichloroethane	4.3	ug/Kg	U
SEE09231205RCM1	9/23/2010	1,2-Dichloroethane	3.3	ug/Kg	U
SEE08271445JRP1	8/27/2010	1,2-Dichloroethane	2.8	ug/kg	U
SEE08291550KAP1	8/29/2010	1,2-Dichloroethane	1.6	ug/kg	J
ML-07-S-082510	8/25/2010	1,2-Dichloroethane	0.73	mg/Kg	U
ML-03-S-082510	8/25/2010	1,2-Dichloroethane	0.43	mg/Kg	U
ML-06-S-082510	8/25/2010	1,2-Dichloroethane	0.42	mg/Kg	U
ML-07-S-082410	8/24/2010	1,2-Dichloroethane	0.41	mg/Kg	UJ
ML-06-S-082010	8/20/2010	1,2-Dichloroethane	0.38	mg/Kg	U
ML-08-S-082510	8/25/2010	1,2-Dichloroethane	0.37	mg/Kg	U
ML-08-S-082410	8/24/2010	1,2-Dichloroethane	0.37	mg/Kg	UJ
ML-06-S-082310	8/23/2010	1,2-Dichloroethane	0.37	mg/Kg	U
ML-07-S-082110	8/21/2010	1,2-Dichloroethane	0.37	mg/Kg	U
ML-08-S-082110	8/21/2010	1,2-Dichloroethane	0.37	mg/Kg	U

**TABLE B-2b**  
**Upstream Sediment Samples (Morrow Lake)**

Sample ID	Sample Date	Analyte	Result	Unit	Data Qualifier
ML-10-S-082110	8/21/2010	1,2-Dichloroethane	0.37	mg/Kg	U
ML-10-S-082110	8/21/2010	1,2-Dichloroethane	0.37	mg/Kg	U
ML-10-S-081910	8/19/2010	1,2-Dichloroethane	0.37	mg/Kg	U
ML-10-S-081910	8/19/2010	1,2-Dichloroethane	0.37	mg/Kg	U
ML-07-S-081810	8/18/2010	1,2-Dichloroethane	0.37	mg/Kg	UJ
ML-09-S-081810	8/18/2010	1,2-Dichloroethane	0.37	mg/Kg	UJ
ML-10-S-082410	8/24/2010	1,2-Dichloroethane	0.36	mg/Kg	UJ
ML-10-S-082410	8/24/2010	1,2-Dichloroethane	0.36	mg/Kg	UJ
ML-01-S-081610	8/16/2010	1,2-Dichloroethane	0.35	mg/Kg	U
ML-10-S-081610	8/16/2010	1,2-Dichloroethane	0.35	mg/Kg	U
ML-10-S-081610	8/16/2010	1,2-Dichloroethane	0.35	mg/Kg	U
ML-04-S-082410	8/24/2010	1,2-Dichloroethane	0.34	mg/Kg	UJ
ML-03-S-082310	8/23/2010	1,2-Dichloroethane	0.34	mg/Kg	U
ML-10-S-082110-D	8/21/2010	1,2-Dichloroethane	0.34	mg/Kg	U
ML-10-S-082110-D	8/21/2010	1,2-Dichloroethane	0.34	mg/Kg	U
ML-07-S-081610	8/16/2010	1,2-Dichloroethane	0.34	mg/Kg	U
ML-08-S-081610-D	8/16/2010	1,2-Dichloroethane	0.34	mg/Kg	U
ML-04-S-082610	8/26/2010	1,2-Dichloroethane	0.33	mg/Kg	U
ML-05-S-082310	8/23/2010	1,2-Dichloroethane	0.33	mg/Kg	U
ML-05-S-082010	8/20/2010	1,2-Dichloroethane	0.33	mg/Kg	U
ML-10-S-082610	8/26/2010	1,2-Dichloroethane	0.32	mg/Kg	U
ML-10-S-082610	8/26/2010	1,2-Dichloroethane	0.32	mg/Kg	U
ML-06-S-081710	8/17/2010	1,2-Dichloroethane	0.32	mg/Kg	U
ML-08-S-081610	8/16/2010	1,2-Dichloroethane	0.32	mg/Kg	U
ML-01-S-082510	8/25/2010	1,2-Dichloroethane	0.31	mg/Kg	U
ML-09-S-082510	8/25/2010	1,2-Dichloroethane	0.31	mg/Kg	U
ML-09-S-082410	8/24/2010	1,2-Dichloroethane	0.31	mg/Kg	UJ
ML-02-S-081710	8/17/2010	1,2-Dichloroethane	0.31	mg/Kg	U
ML-02-S-082510	8/25/2010	1,2-Dichloroethane	0.28	mg/Kg	U
ML-09-S-082110	8/21/2010	1,2-Dichloroethane	0.28	mg/Kg	U
ML-01-S-082110	8/21/2010	1,2-Dichloroethane	0.27	mg/Kg	U
ML-04-S-081710	8/17/2010	1,2-Dichloroethane	0.27	mg/Kg	U
ML-05-S-081710	8/17/2010	1,2-Dichloroethane	0.27	mg/Kg	U
ML-02-S-082310	8/23/2010	1,2-Dichloroethane	0.25	mg/Kg	U
ML-04-S-082010	8/20/2010	1,2-Dichloroethane	0.25	mg/Kg	U
ML-01-S-081910	8/19/2010	1,2-Dichloroethane	0.25	mg/Kg	U
ML-02-S-082010	8/20/2010	1,2-Dichloroethane	0.22	mg/Kg	U
ML-03-S-081610	8/16/2010	1,2-Dichloroethane	0.22	mg/Kg	U
ML-03-S-082010	8/20/2010	1,2-Dichloroethane	0.19	mg/Kg	U
ML-05-S-082610	8/26/2010	1,2-Dichloroethane	0.17	mg/Kg	U
SEE10211035JDF1	10/21/2010	1,2-Dichloropropane	2200	ug/Kg	U
SEE10191515JDF1	10/19/2010	1,2-Dichloropropane	2000	ug/Kg	U
SEE10211430JDF1	10/21/2010	1,2-Dichloropropane	1900	ug/Kg	U
SEE10191005JDF1	10/19/2010	1,2-Dichloropropane	1900	ug/Kg	U
SEE10221110JDF1	10/22/2010	1,2-Dichloropropane	1800	ug/Kg	U
SEE10221110JDF1	10/22/2010	1,2-Dichloropropane	1800	ug/Kg	U
SEE10191415JDF1	10/19/2010	1,2-Dichloropropane	1800	ug/Kg	U
SEE10211010JWP1	10/21/2010	1,2-Dichloropropane	1700	ug/Kg	U
SEE10191100JDF1	10/19/2010	1,2-Dichloropropane	1700	ug/Kg	U
SEE10191155JDF1	10/19/2010	1,2-Dichloropropane	1700	ug/Kg	U
SEE10221055DWS1	10/22/2010	1,2-Dichloropropane	1600	ug/Kg	U
SEE10191010JWP1	10/19/2010	1,2-Dichloropropane	1600	ug/Kg	U
SEE10221450DWS1	10/22/2010	1,2-Dichloropropane	860	ug/Kg	U
SEE10211345JWP1	10/21/2010	1,2-Dichloropropane	760	ug/Kg	U
SEF10221050MAE3	10/22/2010	1,2-Dichloropropane	540	ug/Kg	U
SEF10191135NAC3	10/19/2010	1,2-Dichloropropane	520	ug/Kg	U
SEE10191115JWP1	10/19/2010	1,2-Dichloropropane	470	ug/Kg	U
SEE10141015JDF1	10/14/2010	1,2-Dichloropropane	140	ug/Kg	U
SEE09200945PML1	9/20/2010	1,2-Dichloropropane	60	ug/Kg	U
SEE09200945PML1	9/20/2010	1,2-Dichloropropane	60	ug/Kg	U

**TABLE B-2b**  
**Upstream Sediment Samples (Morrow Lake)**

Sample ID	Sample Date	Analyte	Result	Unit	Data Qualifier
SEE09201115RCM1	9/20/2010	1,2-Dichloropropane	58	ug/Kg	U
SEE09201645ARM1	9/20/2010	1,2-Dichloropropane	48	ug/Kg	U
SEE10071042RCM1	10/7/2010	1,2-Dichloropropane	45	ug/Kg	U
SEE09061500PML1	9/6/2010	1,2-Dichloropropane	45	ug/Kg	U
SEE08281607TWH1	8/28/2010	1,2-Dichloropropane	44	ug/kg	U
SEE09301105JDF1	9/30/2010	1,2-Dichloropropane	42	ug/Kg	U
SEE09181705PML1	9/18/2010	1,2-Dichloropropane	42	ug/Kg	U
SEE09021400PML1	9/2/2010	1,2-Dichloropropane	41	ug/Kg	U
SEE08301130PML1	8/30/2010	1,2-Dichloropropane	41	ug/Kg	U
SEE10091401PML1	10/9/2010	1,2-Dichloropropane	40	ug/Kg	U
SEE10181035JDF1	10/18/2010	1,2-Dichloropropane	39	ug/Kg	U
SEE10051125PML1	10/5/2010	1,2-Dichloropropane	39	ug/Kg	U
SEE08311045PML1	8/31/2010	1,2-Dichloropropane	39	ug/Kg	U
SEE10141555ARM1	10/14/2010	1,2-Dichloropropane	38	ug/Kg	U
SEE09101215PML1	9/10/2010	1,2-Dichloropropane	38	ug/Kg	U
SEE10161530JDF1	10/16/2010	1,2-Dichloropropane	37	ug/Kg	U
SEE10081115PML1	10/8/2010	1,2-Dichloropropane	37	ug/Kg	U
SEE09030925PML1	9/3/2010	1,2-Dichloropropane	37	ug/Kg	U
SEE09031115JAW1	9/3/2010	1,2-Dichloropropane	37	ug/Kg	U
SEE08281505PML1	8/28/2010	1,2-Dichloropropane	37	ug/kg	U
SEE10171410JDF1	10/17/2010	1,2-Dichloropropane	36	ug/Kg	U
SEE09191530PML1	9/19/2010	1,2-Dichloropropane	36	ug/Kg	U
SEE09181235PML1	9/18/2010	1,2-Dichloropropane	36	ug/Kg	U
SEE09141135PML1	9/14/2010	1,2-Dichloropropane	36	ug/Kg	U
SEE09101022PML1	9/10/2010	1,2-Dichloropropane	36	ug/Kg	U
SEE10171115JDF1	10/17/2010	1,2-Dichloropropane	35	ug/Kg	U
SEE08311420PML1	8/31/2010	1,2-Dichloropropane	35	ug/Kg	U
SEE08311420PML1	8/31/2010	1,2-Dichloropropane	35	ug/Kg	U
SEE08271215PML1	8/27/2010	1,2-Dichloropropane	35	ug/kg	U
SEE10041530JDF1	10/4/2010	1,2-Dichloropropane	34	ug/Kg	U
SEE09121105RCM1	9/12/2010	1,2-Dichloropropane	34	ug/Kg	U
SEE09011545PML1	9/1/2010	1,2-Dichloropropane	34	ug/Kg	U
SEE08301550PML1	8/30/2010	1,2-Dichloropropane	34	ug/Kg	U
SEE10181210JDF1	10/18/2010	1,2-Dichloropropane	33	ug/Kg	U
SEE10181430JWP1	10/18/2010	1,2-Dichloropropane	33	ug/Kg	U
SEE10181510JDF1	10/18/2010	1,2-Dichloropropane	33	ug/Kg	U
SEE10181510JDF1	10/18/2010	1,2-Dichloropropane	33	ug/Kg	U
SEE10131150JDF1	10/13/2010	1,2-Dichloropropane	33	ug/Kg	U
SEE10101010PML1	10/10/2010	1,2-Dichloropropane	33	ug/Kg	U
SEE10101215PML1	10/10/2010	1,2-Dichloropropane	33	ug/Kg	U
SEE10101215PML1	10/10/2010	1,2-Dichloropropane	33	ug/Kg	U
SEE09140945PML1	9/14/2010	1,2-Dichloropropane	33	ug/Kg	U
SEE09061525MHS1	9/6/2010	1,2-Dichloropropane	33	ug/Kg	U
SEE09051130PML1	9/5/2010	1,2-Dichloropropane	33	ug/Kg	U
SEE09031100PML1	9/3/2010	1,2-Dichloropropane	33	ug/Kg	U
SEE09021010PML1	9/2/2010	1,2-Dichloropropane	33	ug/Kg	U
SEE08281630RCM1	8/28/2010	1,2-Dichloropropane	33	ug/kg	U
SEE10031115JDF1	10/3/2010	1,2-Dichloropropane	32	ug/Kg	U
SEE10031115JDF1	10/3/2010	1,2-Dichloropropane	32	ug/Kg	U
SEE09301205RCM1	9/30/2010	1,2-Dichloropropane	32	ug/Kg	U
SEE09301255JDF1	9/30/2010	1,2-Dichloropropane	32	ug/Kg	U
SEE09231645JDF1	9/23/2010	1,2-Dichloropropane	32	ug/Kg	U
SEE09141515PML1	9/14/2010	1,2-Dichloropropane	32	ug/Kg	U
SEE09101625PML1	9/10/2010	1,2-Dichloropropane	32	ug/Kg	U
SEE09091005RCM1	9/9/2010	1,2-Dichloropropane	32	ug/Kg	U
SEE09061105PML1	9/6/2010	1,2-Dichloropropane	32	ug/Kg	U
SEE09031650PML1	9/3/2010	1,2-Dichloropropane	32	ug/Kg	U
SEE09031650PML1	9/3/2010	1,2-Dichloropropane	32	ug/Kg	U
SEE10081231PML1	10/8/2010	1,2-Dichloropropane	31	ug/Kg	U
SEE09231210JDF1	9/23/2010	1,2-Dichloropropane	31	ug/Kg	U

**TABLE B-2b**  
**Upstream Sediment Samples (Morrow Lake)**

Sample ID	Sample Date	Analyte	Result	Unit	Data Qualifier
SEE09161045PML1	9/16/2010	1,2-Dichloropropane	31	ug/Kg	U
SEE09081205PML1	9/8/2010	1,2-Dichloropropane	31	ug/Kg	U
SEE09071050PML1	9/7/2010	1,2-Dichloropropane	31	ug/Kg	U
SEE08301145MHS1	8/30/2010	1,2-Dichloropropane	31	ug/Kg	U
SEE10161115ARM1	10/16/2010	1,2-Dichloropropane	30	ug/Kg	U
SEE10120930JDF1	10/12/2010	1,2-Dichloropropane	30	ug/Kg	U
SEE10071101PML1	10/7/2010	1,2-Dichloropropane	30	ug/Kg	U
SEE09261625JDF1	9/26/2010	1,2-Dichloropropane	30	ug/Kg	U
SEE09261625JDF1	9/26/2010	1,2-Dichloropropane	30	ug/Kg	U
SEE09131445RCM1	9/13/2010	1,2-Dichloropropane	30	ug/Kg	U
SEE09121055PML1	9/12/2010	1,2-Dichloropropane	30	ug/Kg	U
SEE09121055PML1	9/12/2010	1,2-Dichloropropane	30	ug/Kg	U
SEE09121436RCM1	9/12/2010	1,2-Dichloropropane	30	ug/Kg	U
SEE09091410RCM1	9/9/2010	1,2-Dichloropropane	30	ug/Kg	U
SEE09011050PML1	9/1/2010	1,2-Dichloropropane	30	ug/Kg	U
SEE10081051RCM1	10/8/2010	1,2-Dichloropropane	29	ug/Kg	U
SEE10061640PML1	10/6/2010	1,2-Dichloropropane	29	ug/Kg	U
SEE10061640PML1	10/6/2010	1,2-Dichloropropane	29	ug/Kg	U
SEE10051653PML1	10/5/2010	1,2-Dichloropropane	29	ug/Kg	U
SEE09261215JDF1	9/26/2010	1,2-Dichloropropane	29	ug/Kg	U
SEE09231130ARM1	9/23/2010	1,2-Dichloropropane	29	ug/Kg	U
SEE09191040PML1	9/19/2010	1,2-Dichloropropane	29	ug/Kg	U
SEE09131026RCM1	9/13/2010	1,2-Dichloropropane	29	ug/Kg	U
SEE09131505PML1	9/13/2010	1,2-Dichloropropane	29	ug/Kg	U
SEE09040950PML1	9/4/2010	1,2-Dichloropropane	29	ug/Kg	U
SEE10011120JDF1	10/1/2010	1,2-Dichloropropane	28	ug/Kg	U
SEE09211155JDF1	9/21/2010	1,2-Dichloropropane	28	ug/Kg	U
SEE09171415PML1	9/17/2010	1,2-Dichloropropane	28	ug/Kg	U
SEE09151145PML1	9/15/2010	1,2-Dichloropropane	28	ug/Kg	U
SEE09151145PML1	9/15/2010	1,2-Dichloropropane	28	ug/Kg	U
SEE09131620PML1	9/13/2010	1,2-Dichloropropane	28	ug/Kg	U
SEE09121450PML1	9/12/2010	1,2-Dichloropropane	28	ug/Kg	U
SEE09091515PML1	9/9/2010	1,2-Dichloropropane	28	ug/Kg	U
SEE09081010PML1	9/8/2010	1,2-Dichloropropane	28	ug/Kg	U
SEE09081020RCM1	9/8/2010	1,2-Dichloropropane	28	ug/Kg	U
SEE09011255PML1	9/1/2010	1,2-Dichloropropane	28	ug/Kg	U
SEE08301015JRP1	8/30/2010	1,2-Dichloropropane	28	ug/Kg	U
SEE08261420RCM1	8/26/2010	1,2-Dichloropropane	28	ug/kg	U
SEE10091614PML1	10/9/2010	1,2-Dichloropropane	27	ug/Kg	U
SEE10061205PML1	10/6/2010	1,2-Dichloropropane	27	ug/Kg	U
SEE10041150JDF1	10/4/2010	1,2-Dichloropropane	27	ug/Kg	U
SEE09251135JDF1	9/25/2010	1,2-Dichloropropane	27	ug/Kg	U
SEE09221440JDF1	9/22/2010	1,2-Dichloropropane	27	ug/Kg	U
SEE09170839RCM1	9/17/2010	1,2-Dichloropropane	27	ug/Kg	U
SEE09151015PML1	9/15/2010	1,2-Dichloropropane	27	ug/Kg	U
SEE08291110PML1	8/29/2010	1,2-Dichloropropane	27	ug/kg	U
SEE10141150JDF1	10/14/2010	1,2-Dichloropropane	26	ug/Kg	U
SEE10141550JDF1	10/14/2010	1,2-Dichloropropane	26	ug/Kg	U
SEE10141550JDF1	10/14/2010	1,2-Dichloropropane	26	ug/Kg	U
SEE10121155JDF1	10/12/2010	1,2-Dichloropropane	26	ug/Kg	U
SEE09271130JDF1	9/27/2010	1,2-Dichloropropane	26	ug/Kg	U
SEE09131125PML1	9/13/2010	1,2-Dichloropropane	26	ug/Kg	U
SEE09091010PML1	9/9/2010	1,2-Dichloropropane	26	ug/Kg	U
SEE09091145PML1	9/9/2010	1,2-Dichloropropane	26	ug/Kg	U
SEE09091410PML1	9/9/2010	1,2-Dichloropropane	26	ug/Kg	U
SEE09061130MHS1	9/6/2010	1,2-Dichloropropane	26	ug/Kg	U
SEE09011145PML1	9/1/2010	1,2-Dichloropropane	26	ug/Kg	U
SEE08301638MHS1	8/30/2010	1,2-Dichloropropane	26	ug/Kg	U
SEE10151055ARM1	10/15/2010	1,2-Dichloropropane	25	ug/Kg	U
SEE10121415ARM1	10/12/2010	1,2-Dichloropropane	25	ug/Kg	U

**TABLE B-2b**  
**Upstream Sediment Samples (Morrow Lake)**

Sample ID	Sample Date	Analyte	Result	Unit	Data Qualifier
SEE10111125JDF1	10/11/2010	1,2-Dichloropropane	25	ug/Kg	U
SEE10031425JDF1	10/3/2010	1,2-Dichloropropane	25	ug/Kg	U
SEE09291035JDF1	9/29/2010	1,2-Dichloropropane	25	ug/Kg	U
SEE09220935RCM1	9/22/2010	1,2-Dichloropropane	25	ug/Kg	U
SEE09111015PML1	9/11/2010	1,2-Dichloropropane	25	ug/Kg	U
SEE09051015PML1	9/5/2010	1,2-Dichloropropane	25	ug/Kg	U
SEE08301445JRP1	8/30/2010	1,2-Dichloropropane	25	ug/Kg	U
SEE10161415JDF1	10/16/2010	1,2-Dichloropropane	24	ug/Kg	U
SEE10040945JDF1	10/4/2010	1,2-Dichloropropane	24	ug/Kg	U
SEE09230955RCM1	9/23/2010	1,2-Dichloropropane	24	ug/Kg	U
SEE09211530JDF1	9/21/2010	1,2-Dichloropropane	24	ug/Kg	U
SEE09170945PML1	9/17/2010	1,2-Dichloropropane	24	ug/Kg	U
SEE09171125PML1	9/17/2010	1,2-Dichloropropane	24	ug/Kg	U
SEE09130955JRP1	9/13/2010	1,2-Dichloropropane	24	ug/Kg	U
SEE09091605PML1	9/9/2010	1,2-Dichloropropane	24	ug/Kg	U
SEE09041350PML1	9/4/2010	1,2-Dichloropropane	24	ug/Kg	U
SEE10071205PML1	10/7/2010	1,2-Dichloropropane	23	ug/Kg	U
SEE10071540PML1	10/7/2010	1,2-Dichloropropane	23	ug/Kg	U
SEE10041335JDF1	10/4/2010	1,2-Dichloropropane	23	ug/Kg	U
SEE09271025ARM1	9/27/2010	1,2-Dichloropropane	23	ug/Kg	U
SEE09171530PML1	9/17/2010	1,2-Dichloropropane	23	ug/Kg	U
SEE09051430PML1	9/5/2010	1,2-Dichloropropane	23	ug/Kg	U
SEE08271500PML1	8/27/2010	1,2-Dichloropropane	23	ug/kg	U
SEE10150945JDF1	10/15/2010	1,2-Dichloropropane	22	ug/Kg	U
SEE10111011JDF1	10/11/2010	1,2-Dichloropropane	22	ug/Kg	U
SEE10111350JDF1	10/11/2010	1,2-Dichloropropane	22	ug/Kg	U
SEE10061051RCM1	10/6/2010	1,2-Dichloropropane	22	ug/Kg	U
SEE10041355ARM1	10/4/2010	1,2-Dichloropropane	22	ug/Kg	U
SEE09271515JDF1	9/27/2010	1,2-Dichloropropane	22	ug/Kg	U
SEE09221105JDF1	9/22/2010	1,2-Dichloropropane	22	ug/Kg	U
SEE09130940PML1	9/13/2010	1,2-Dichloropropane	22	ug/Kg	U
SEE08281215PML1	8/28/2010	1,2-Dichloropropane	22	ug/kg	U
SEE10121030JDF1	10/12/2010	1,2-Dichloropropane	21	ug/Kg	U
SEE09290925JDF1	9/29/2010	1,2-Dichloropropane	21	ug/Kg	U
SEE09091025JRP1	9/9/2010	1,2-Dichloropropane	21	ug/Kg	U
SEE09011635PML1	9/1/2010	1,2-Dichloropropane	21	ug/Kg	U
SEE08301520JRP1	8/30/2010	1,2-Dichloropropane	21	ug/Kg	U
SEE08281420TWH1	8/28/2010	1,2-Dichloropropane	21	ug/kg	U
SEE08261445JRP1	8/26/2010	1,2-Dichloropropane	21	ug/Kg	U
SEE10161055JDF1	10/16/2010	1,2-Dichloropropane	20	ug/Kg	U
SEE10151355ARM1	10/15/2010	1,2-Dichloropropane	20	ug/Kg	U
SEE10071415ARM1	10/7/2010	1,2-Dichloropropane	20	ug/Kg	U
SEE09031140MHS1	9/3/2010	1,2-Dichloropropane	20	ug/Kg	U
SEE08291421KAP1	8/29/2010	1,2-Dichloropropane	20	ug/kg	U
SEE08271145RCM1	8/27/2010	1,2-Dichloropropane	20	ug/kg	U
SEE10041050JDF1	10/4/2010	1,2-Dichloropropane	19	ug/Kg	U
SEE09301255MAE1	9/30/2010	1,2-Dichloropropane	19	ug/Kg	U
SEE09291645JDF1	9/29/2010	1,2-Dichloropropane	19	ug/Kg	U
SEE09051550MHS1	9/5/2010	1,2-Dichloropropane	19	ug/Kg	U
SEE09031645MHS1	9/3/2010	1,2-Dichloropropane	19	ug/Kg	U
SEE10041138RCM1	10/4/2010	1,2-Dichloropropane	18	ug/Kg	U
SEE09221615JDF1	9/22/2010	1,2-Dichloropropane	18	ug/Kg	U
SEE09191445RCM1	9/19/2010	1,2-Dichloropropane	18	ug/Kg	U
SEE08311010JRP1	8/31/2010	1,2-Dichloropropane	18	ug/Kg	U
SEE09250905RCM1	9/25/2010	1,2-Dichloropropane	17	ug/Kg	U
SEE09200911RCM1	9/20/2010	1,2-Dichloropropane	17	ug/Kg	U
SEE09090900JRP1	9/9/2010	1,2-Dichloropropane	17	ug/Kg	U
SEE09011545MHS1	9/1/2010	1,2-Dichloropropane	17	ug/Kg	U
SEE08281510TWH1	8/28/2010	1,2-Dichloropropane	17	ug/kg	U
SEE10170915JDF1	10/17/2010	1,2-Dichloropropane	16	ug/Kg	U

**TABLE B-2b**  
**Upstream Sediment Samples (Morrow Lake)**

Sample ID	Sample Date	Analyte	Result	Unit	Data Qualifier
SEE09291135JDF1	9/29/2010	1,2-Dichloropropane	16	ug/Kg	U
SEE09260930RCM1	9/26/2010	1,2-Dichloropropane	16	ug/Kg	U
SEE09201110ARM1	9/20/2010	1,2-Dichloropropane	15	ug/Kg	U
SEE08301530JAW1	8/30/2010	1,2-Dichloropropane	15	ug/Kg	U
SEE08291550KAP1	8/29/2010	1,2-Dichloropropane	15	ug/kg	U
SEE10071151RCM1	10/7/2010	1,2-Dichloropropane	14	ug/Kg	U
SEE09211112RCM1	9/21/2010	1,2-Dichloropropane	14	ug/Kg	U
SEE08311348MHS1	8/31/2010	1,2-Dichloropropane	14	ug/Kg	U
SEE08300920JRP1	8/30/2010	1,2-Dichloropropane	14	ug/Kg	U
SEE08261620RCM1	8/26/2010	1,2-Dichloropropane	14	ug/kg	U
SEE10141025ARM1	10/14/2010	1,2-Dichloropropane	12	ug/Kg	U
SEE09130915JRP1	9/13/2010	1,2-Dichloropropane	12	ug/Kg	U
SEE10091200ARM1	10/9/2010	1,2-Dichloropropane	11	ug/Kg	U
SEE09291023RCM1	9/29/2010	1,2-Dichloropropane	11	ug/Kg	U
SEE09171445RCM1	9/17/2010	1,2-Dichloropropane	11	ug/Kg	U
SEE09161035RCM1	9/16/2010	1,2-Dichloropropane	11	ug/Kg	U
SEE09141312RCM1	9/14/2010	1,2-Dichloropropane	10	ug/Kg	U
SEE08291445PML1	8/29/2010	1,2-Dichloropropane	10	ug/kg	U
SEE08291354KAP1	8/29/2010	1,2-Dichloropropane	9.3	ug/kg	U
SEE10051415ARM1	10/5/2010	1,2-Dichloropropane	8.7	ug/Kg	U
SEE09061610JAW1	9/6/2010	1,2-Dichloropropane	8.5	ug/Kg	U
SEE10011125ARM1	10/1/2010	1,2-Dichloropropane	8.2	ug/Kg	U
SEE08261700JRP1	8/26/2010	1,2-Dichloropropane	8.2	ug/Kg	U
SEE09051500MHS1	9/5/2010	1,2-Dichloropropane	8.0	ug/Kg	U
SEE10171535ARM1	10/17/2010	1,2-Dichloropropane	7.9	ug/Kg	U
SEE09231035ARM1	9/23/2010	1,2-Dichloropropane	7.9	ug/Kg	U
SEE09171200ARM1	9/17/2010	1,2-Dichloropropane	7.9	ug/Kg	U
SEE08271614TWH1	8/27/2010	1,2-Dichloropropane	7.8	ug/kg	U
SEE10081035ARM1	10/8/2010	1,2-Dichloropropane	7.6	ug/Kg	U
SEE08271652TWH1	8/27/2010	1,2-Dichloropropane	7.6	ug/kg	U
SEE09100945RCM1	9/10/2010	1,2-Dichloropropane	7.5	ug/Kg	U
SEE09211120ARM1	9/21/2010	1,2-Dichloropropane	7.4	ug/Kg	U
SEB09011143JLS1	9/1/2010	1,2-Dichloropropane	7.1	ug/Kg	U
SEE08301410JRP1	8/30/2010	1,2-Dichloropropane	7.0	ug/Kg	U
SEE09281445RCM1	9/28/2010	1,2-Dichloropropane	6.5	ug/Kg	U
SEE08271536TWH1	8/27/2010	1,2-Dichloropropane	6.3	ug/kg	U
SEE09271500ARM1	9/27/2010	1,2-Dichloropropane	6.2	ug/Kg	U
SEE09170935RCM1	9/17/2010	1,2-Dichloropropane	6.1	ug/Kg	U
SEF10011045TDF1	10/1/2010	1,2-Dichloropropane	6.0	ug/Kg	U
SEE09150915JRP1	9/15/2010	1,2-Dichloropropane	6.0	ug/Kg	U
SEE10011043RCM1	10/1/2010	1,2-Dichloropropane	5.8	ug/Kg	U
SEE09290915MAE1	9/29/2010	1,2-Dichloropropane	5.8	ug/Kg	U
SEE10131035ARM1	10/13/2010	1,2-Dichloropropane	5.5	ug/Kg	U
SEE10071045ARM1	10/7/2010	1,2-Dichloropropane	5.5	ug/Kg	U
SEE10041045ARM1	10/4/2010	1,2-Dichloropropane	5.5	ug/Kg	U
SEF10151030PMB3	10/15/2010	1,2-Dichloropropane	5.4	ug/Kg	U
SEF10081108TDF3	10/8/2010	1,2-Dichloropropane	5.4	ug/Kg	U
SEE09251235ARM1	9/25/2010	1,2-Dichloropropane	5.4	ug/Kg	U
SEE08281540JRP1	8/28/2010	1,2-Dichloropropane	5.4	ug/kg	U
SEF10051206TDF3	10/5/2010	1,2-Dichloropropane	5.3	ug/Kg	U
SEE09140945JRP1	9/14/2010	1,2-Dichloropropane	5.3	ug/Kg	U
SEE09080930JRP1	9/8/2010	1,2-Dichloropropane	5.3	ug/Kg	U
SEE09011515JAW1	9/1/2010	1,2-Dichloropropane	5.3	ug/Kg	U
SEE08301100JRP1	8/30/2010	1,2-Dichloropropane	5.3	ug/Kg	U
SEE10121040ARM1	10/12/2010	1,2-Dichloropropane	5.2	ug/Kg	U
SEF10121130PMB3	10/12/2010	1,2-Dichloropropane	5.2	ug/Kg	U
SEE09221045ARM1	9/22/2010	1,2-Dichloropropane	5.2	ug/Kg	U
SEE09100920JRP1	9/10/2010	1,2-Dichloropropane	5.1	ug/Kg	U
SEB08281400JLS1	8/28/2010	1,2-Dichloropropane	5.1	ug/kg	U
SEE09301025MAE1	9/30/2010	1,2-Dichloropropane	5.0	ug/Kg	U

**TABLE B-2b**  
**Upstream Sediment Samples (Morrow Lake)**

Sample ID	Sample Date	Analyte	Result	Unit	Data Qualifier
SEE09051500JAW1	9/5/2010	1,2-Dichloropropane	5.0	ug/Kg	U
SEE10051145RCM1	10/5/2010	1,2-Dichloropropane	4.9	ug/Kg	U
SEE09070930JRP1	9/7/2010	1,2-Dichloropropane	4.9	ug/Kg	U
SEE10061135ARM1	10/6/2010	1,2-Dichloropropane	4.8	ug/Kg	U
SEE10181030JWP1	10/18/2010	1,2-Dichloropropane	4.6	ug/Kg	U
SEF09281139TDF1	9/28/2010	1,2-Dichloropropane	4.3	ug/Kg	U
SEE09231205RCM1	9/23/2010	1,2-Dichloropropane	3.3	ug/Kg	U
SEE08271445JRP1	8/27/2010	1,2-Dichloropropane	2.8	ug/kg	U
ML-07-S-082510	8/25/2010	1,2-Dichloropropane	0.73	mg/Kg	U
ML-03-S-082510	8/25/2010	1,2-Dichloropropane	0.43	mg/Kg	U
ML-06-S-082510	8/25/2010	1,2-Dichloropropane	0.42	mg/Kg	U
ML-07-S-082410	8/24/2010	1,2-Dichloropropane	0.41	mg/Kg	UJ
ML-06-S-082010	8/20/2010	1,2-Dichloropropane	0.38	mg/Kg	U
ML-08-S-082510	8/25/2010	1,2-Dichloropropane	0.37	mg/Kg	U
ML-08-S-082410	8/24/2010	1,2-Dichloropropane	0.37	mg/Kg	UJ
ML-06-S-082310	8/23/2010	1,2-Dichloropropane	0.37	mg/Kg	U
ML-07-S-082110	8/21/2010	1,2-Dichloropropane	0.37	mg/Kg	U
ML-08-S-082110	8/21/2010	1,2-Dichloropropane	0.37	mg/Kg	U
ML-10-S-082110	8/21/2010	1,2-Dichloropropane	0.37	mg/Kg	U
ML-10-S-082110	8/21/2010	1,2-Dichloropropane	0.37	mg/Kg	U
ML-10-S-081910	8/19/2010	1,2-Dichloropropane	0.37	mg/Kg	U
ML-10-S-081910	8/19/2010	1,2-Dichloropropane	0.37	mg/Kg	U
ML-07-S-081810	8/18/2010	1,2-Dichloropropane	0.37	mg/Kg	UJ
ML-09-S-081810	8/18/2010	1,2-Dichloropropane	0.37	mg/Kg	UJ
ML-10-S-082410	8/24/2010	1,2-Dichloropropane	0.36	mg/Kg	UJ
ML-10-S-082410	8/24/2010	1,2-Dichloropropane	0.36	mg/Kg	UJ
ML-01-S-081610	8/16/2010	1,2-Dichloropropane	0.35	mg/Kg	U
ML-10-S-081610	8/16/2010	1,2-Dichloropropane	0.35	mg/Kg	U
ML-10-S-081610	8/16/2010	1,2-Dichloropropane	0.35	mg/Kg	U
ML-04-S-082410	8/24/2010	1,2-Dichloropropane	0.34	mg/Kg	UJ
ML-03-S-082310	8/23/2010	1,2-Dichloropropane	0.34	mg/Kg	U
ML-10-S-082110-D	8/21/2010	1,2-Dichloropropane	0.34	mg/Kg	U
ML-10-S-082110-D	8/21/2010	1,2-Dichloropropane	0.34	mg/Kg	U
ML-07-S-081610	8/16/2010	1,2-Dichloropropane	0.34	mg/Kg	U
ML-08-S-081610-D	8/16/2010	1,2-Dichloropropane	0.34	mg/Kg	U
ML-04-S-082610	8/26/2010	1,2-Dichloropropane	0.33	mg/Kg	U
ML-05-S-082310	8/23/2010	1,2-Dichloropropane	0.33	mg/Kg	U
ML-05-S-082010	8/20/2010	1,2-Dichloropropane	0.33	mg/Kg	U
ML-10-S-082610	8/26/2010	1,2-Dichloropropane	0.32	mg/Kg	U
ML-10-S-082610	8/26/2010	1,2-Dichloropropane	0.32	mg/Kg	U
ML-06-S-081710	8/17/2010	1,2-Dichloropropane	0.32	mg/Kg	U
ML-08-S-081610	8/16/2010	1,2-Dichloropropane	0.32	mg/Kg	U
ML-01-S-082510	8/25/2010	1,2-Dichloropropane	0.31	mg/Kg	U
ML-09-S-082510	8/25/2010	1,2-Dichloropropane	0.31	mg/Kg	U
ML-09-S-082410	8/24/2010	1,2-Dichloropropane	0.31	mg/Kg	UJ
ML-02-S-081710	8/17/2010	1,2-Dichloropropane	0.31	mg/Kg	U
ML-02-S-082510	8/25/2010	1,2-Dichloropropane	0.28	mg/Kg	U
ML-09-S-082110	8/21/2010	1,2-Dichloropropane	0.28	mg/Kg	U
ML-01-S-082110	8/21/2010	1,2-Dichloropropane	0.27	mg/Kg	U
ML-04-S-081710	8/17/2010	1,2-Dichloropropane	0.27	mg/Kg	U
ML-05-S-081710	8/17/2010	1,2-Dichloropropane	0.27	mg/Kg	U
ML-02-S-082310	8/23/2010	1,2-Dichloropropane	0.25	mg/Kg	U
ML-04-S-082010	8/20/2010	1,2-Dichloropropane	0.25	mg/Kg	U
ML-01-S-081910	8/19/2010	1,2-Dichloropropane	0.25	mg/Kg	U
ML-02-S-082010	8/20/2010	1,2-Dichloropropane	0.22	mg/Kg	U
ML-03-S-081610	8/16/2010	1,2-Dichloropropane	0.22	mg/Kg	U
ML-03-S-082010	8/20/2010	1,2-Dichloropropane	0.19	mg/Kg	U
ML-05-S-082610	8/26/2010	1,2-Dichloropropane	0.17	mg/Kg	U
SEE10211035JDF1	10/21/2010	1,3,5-Trimethylbenzene	620	ug/Kg	U
SEE10191515JDF1	10/19/2010	1,3,5-Trimethylbenzene	560	ug/Kg	U

**TABLE B-2b**  
**Upstream Sediment Samples (Morrow Lake)**

Sample ID	Sample Date	Analyte	Result	Unit	Data Qualifier
SEE10211430JDF1	10/21/2010	1,3,5-Trimethylbenzene	540	ug/Kg	U
SEE10191005JDF1	10/19/2010	1,3,5-Trimethylbenzene	540	ug/Kg	U
SEE10221110JDF1	10/22/2010	1,3,5-Trimethylbenzene	530	ug/Kg	U
SEE10221110JDF1	10/22/2010	1,3,5-Trimethylbenzene	530	ug/Kg	U
SEE10191415JDF1	10/19/2010	1,3,5-Trimethylbenzene	510	ug/Kg	U
SEE10191155JDF1	10/19/2010	1,3,5-Trimethylbenzene	490	ug/Kg	U
SEE10211010JWP1	10/21/2010	1,3,5-Trimethylbenzene	470	ug/Kg	U
SEE10191100JDF1	10/19/2010	1,3,5-Trimethylbenzene	470	ug/Kg	U
SEE10221055DWS1	10/22/2010	1,3,5-Trimethylbenzene	450	ug/Kg	U
SEE10191010JWP1	10/19/2010	1,3,5-Trimethylbenzene	450	ug/Kg	U
SEE10141015JDF1	10/14/2010	1,3,5-Trimethylbenzene	280	ug/Kg	U
SEE10221450DWS1	10/22/2010	1,3,5-Trimethylbenzene	240	ug/Kg	U
SEE10211345JWP1	10/21/2010	1,3,5-Trimethylbenzene	220	ug/Kg	U
SEF10221050MAE3	10/22/2010	1,3,5-Trimethylbenzene	150	ug/Kg	U
SEF10191135NAC3	10/19/2010	1,3,5-Trimethylbenzene	150	ug/Kg	U
SEE10191115JWP1	10/19/2010	1,3,5-Trimethylbenzene	130	ug/Kg	U
SEE09200945PML1	9/20/2010	1,3,5-Trimethylbenzene	60	ug/Kg	U
SEE09200945PML1	9/20/2010	1,3,5-Trimethylbenzene	60	ug/Kg	U
SEE09201115RCM1	9/20/2010	1,3,5-Trimethylbenzene	58	ug/Kg	U
SEE09201645ARM1	9/20/2010	1,3,5-Trimethylbenzene	48	ug/Kg	U
SEE10071042RCM1	10/7/2010	1,3,5-Trimethylbenzene	45	ug/Kg	U
SEE09061500PML1	9/6/2010	1,3,5-Trimethylbenzene	45	ug/Kg	U
SEE08281607TWH1	8/28/2010	1,3,5-Trimethylbenzene	44	ug/kg	U
SEE09301105JDF1	9/30/2010	1,3,5-Trimethylbenzene	42	ug/Kg	U
SEE09181705PML1	9/18/2010	1,3,5-Trimethylbenzene	42	ug/Kg	U
SEE09021400PML1	9/2/2010	1,3,5-Trimethylbenzene	41	ug/Kg	U
SEE08301130PML1	8/30/2010	1,3,5-Trimethylbenzene	41	ug/Kg	U
SEE10091401PML1	10/9/2010	1,3,5-Trimethylbenzene	40	ug/Kg	U
SEE10181035JDF1	10/18/2010	1,3,5-Trimethylbenzene	39	ug/Kg	U
SEE10051125PML1	10/5/2010	1,3,5-Trimethylbenzene	39	ug/Kg	U
SEE08311045PML1	8/31/2010	1,3,5-Trimethylbenzene	39	ug/Kg	U
SEE10141555ARM1	10/14/2010	1,3,5-Trimethylbenzene	38	ug/Kg	U
SEE09101215PML1	9/10/2010	1,3,5-Trimethylbenzene	38	ug/Kg	U
SEE10161530JDF1	10/16/2010	1,3,5-Trimethylbenzene	37	ug/Kg	U
SEE10081115PML1	10/8/2010	1,3,5-Trimethylbenzene	37	ug/Kg	UJ
SEE09030925PML1	9/3/2010	1,3,5-Trimethylbenzene	37	ug/Kg	UJ
SEE09031115JAW1	9/3/2010	1,3,5-Trimethylbenzene	37	ug/Kg	UJ
SEE08281505PML1	8/28/2010	1,3,5-Trimethylbenzene	37	ug/kg	U
SEE10171410JDF1	10/17/2010	1,3,5-Trimethylbenzene	36	ug/Kg	U
SEE09191530PML1	9/19/2010	1,3,5-Trimethylbenzene	36	ug/Kg	U
SEE09181235PML1	9/18/2010	1,3,5-Trimethylbenzene	36	ug/Kg	U
SEE09141135PML1	9/14/2010	1,3,5-Trimethylbenzene	36	ug/Kg	UJ
SEE09101022PML1	9/10/2010	1,3,5-Trimethylbenzene	36	ug/Kg	U
SEE10171115JDF1	10/17/2010	1,3,5-Trimethylbenzene	35	ug/Kg	U
SEE08311420PML1	8/31/2010	1,3,5-Trimethylbenzene	35	ug/Kg	U
SEE08311420PML1	8/31/2010	1,3,5-Trimethylbenzene	35	ug/Kg	U
SEE08271215PML1	8/27/2010	1,3,5-Trimethylbenzene	35	ug/kg	U
SEE10041530JDF1	10/4/2010	1,3,5-Trimethylbenzene	34	ug/Kg	UJ
SEE09121105RCM1	9/12/2010	1,3,5-Trimethylbenzene	34	ug/Kg	U
SEE09011545PML1	9/1/2010	1,3,5-Trimethylbenzene	34	ug/Kg	U
SEE08301550PML1	8/30/2010	1,3,5-Trimethylbenzene	34	ug/Kg	U
SEE10181210JDF1	10/18/2010	1,3,5-Trimethylbenzene	33	ug/Kg	U
SEE10181430JWP1	10/18/2010	1,3,5-Trimethylbenzene	33	ug/Kg	U
SEE10181510JDF1	10/18/2010	1,3,5-Trimethylbenzene	33	ug/Kg	U
SEE10181510JDF1	10/18/2010	1,3,5-Trimethylbenzene	33	ug/Kg	U
SEE10131150JDF1	10/13/2010	1,3,5-Trimethylbenzene	33	ug/Kg	U
SEE10101010PML1	10/10/2010	1,3,5-Trimethylbenzene	33	ug/Kg	U
SEE10101215PML1	10/10/2010	1,3,5-Trimethylbenzene	33	ug/Kg	U
SEE10101215PML1	10/10/2010	1,3,5-Trimethylbenzene	33	ug/Kg	U
SEE09140945PML1	9/14/2010	1,3,5-Trimethylbenzene	33	ug/Kg	UJ



**TABLE B-2b**  
**Upstream Sediment Samples (Morrow Lake)**

Sample ID	Sample Date	Analyte	Result	Unit	Data Qualifier
SEE09061525MHS1	9/6/2010	1,3,5-Trimethylbenzene	33	ug/Kg	U
SEE09051130PML1	9/5/2010	1,3,5-Trimethylbenzene	33	ug/Kg	U
SEE09031100PML1	9/3/2010	1,3,5-Trimethylbenzene	33	ug/Kg	UJ
SEE09021010PML1	9/2/2010	1,3,5-Trimethylbenzene	33	ug/Kg	U
SEE08281630RCM1	8/28/2010	1,3,5-Trimethylbenzene	33	ug/kg	U
SEE10031115JDF1	10/3/2010	1,3,5-Trimethylbenzene	32	ug/Kg	U
SEE10031115JDF1	10/3/2010	1,3,5-Trimethylbenzene	32	ug/Kg	U
SEE09301205RCM1	9/30/2010	1,3,5-Trimethylbenzene	32	ug/Kg	U
SEE09301255JDF1	9/30/2010	1,3,5-Trimethylbenzene	32	ug/Kg	U
SEE09231645JDF1	9/23/2010	1,3,5-Trimethylbenzene	32	ug/Kg	U
SEE09141515PML1	9/14/2010	1,3,5-Trimethylbenzene	32	ug/Kg	UJ
SEE09101625PML1	9/10/2010	1,3,5-Trimethylbenzene	32	ug/Kg	U
SEE09091005RCM1	9/9/2010	1,3,5-Trimethylbenzene	32	ug/Kg	U
SEE09061105PML1	9/6/2010	1,3,5-Trimethylbenzene	32	ug/Kg	U
SEE09031650PML1	9/3/2010	1,3,5-Trimethylbenzene	32	ug/Kg	UJ
SEE09031650PML1	9/3/2010	1,3,5-Trimethylbenzene	32	ug/Kg	UJ
SEE10081231PML1	10/8/2010	1,3,5-Trimethylbenzene	31	ug/Kg	UJ
SEE09231210JDF1	9/23/2010	1,3,5-Trimethylbenzene	31	ug/Kg	U
SEE09161045PML1	9/16/2010	1,3,5-Trimethylbenzene	31	ug/Kg	U
SEE09081205PML1	9/8/2010	1,3,5-Trimethylbenzene	31	ug/Kg	U
SEE09071050PML1	9/7/2010	1,3,5-Trimethylbenzene	31	ug/Kg	U
SEE08301145MHS1	8/30/2010	1,3,5-Trimethylbenzene	31	ug/Kg	U
SEE10161115ARM1	10/16/2010	1,3,5-Trimethylbenzene	30	ug/Kg	U
SEE10120930JDF1	10/12/2010	1,3,5-Trimethylbenzene	30	ug/Kg	U
SEE10071101PML1	10/7/2010	1,3,5-Trimethylbenzene	30	ug/Kg	U
SEE09261625JDF1	9/26/2010	1,3,5-Trimethylbenzene	30	ug/Kg	U
SEE09261625JDF1	9/26/2010	1,3,5-Trimethylbenzene	30	ug/Kg	U
SEE09131445RCM1	9/13/2010	1,3,5-Trimethylbenzene	30	ug/Kg	U
SEE09121055PML1	9/12/2010	1,3,5-Trimethylbenzene	30	ug/Kg	U
SEE09121055PML1	9/12/2010	1,3,5-Trimethylbenzene	30	ug/Kg	U
SEE09121436RCM1	9/12/2010	1,3,5-Trimethylbenzene	30	ug/Kg	U
SEE09091410RCM1	9/9/2010	1,3,5-Trimethylbenzene	30	ug/Kg	U
SEE09011050PML1	9/1/2010	1,3,5-Trimethylbenzene	30	ug/Kg	U
SEE10081051RCM1	10/8/2010	1,3,5-Trimethylbenzene	29	ug/Kg	UJ
SEE10061640PML1	10/6/2010	1,3,5-Trimethylbenzene	29	ug/Kg	U
SEE10061640PML1	10/6/2010	1,3,5-Trimethylbenzene	29	ug/Kg	U
SEE10051653PML1	10/5/2010	1,3,5-Trimethylbenzene	29	ug/Kg	U
SEE09261215JDF1	9/26/2010	1,3,5-Trimethylbenzene	29	ug/Kg	U
SEE09231130ARM1	9/23/2010	1,3,5-Trimethylbenzene	29	ug/Kg	U
SEE09191040PML1	9/19/2010	1,3,5-Trimethylbenzene	29	ug/Kg	U
SEE09131026RCM1	9/13/2010	1,3,5-Trimethylbenzene	29	ug/Kg	U
SEE09131505PML1	9/13/2010	1,3,5-Trimethylbenzene	29	ug/Kg	U
SEE09040950PML1	9/4/2010	1,3,5-Trimethylbenzene	29	ug/Kg	U
SEE10011120JDF1	10/1/2010	1,3,5-Trimethylbenzene	28	ug/Kg	U
SEE09211155JDF1	9/21/2010	1,3,5-Trimethylbenzene	28	ug/Kg	U
SEE09171415PML1	9/17/2010	1,3,5-Trimethylbenzene	28	ug/Kg	U
SEE09151145PML1	9/15/2010	1,3,5-Trimethylbenzene	28	ug/Kg	U
SEE09151145PML1	9/15/2010	1,3,5-Trimethylbenzene	28	ug/Kg	U
SEE09131620PML1	9/13/2010	1,3,5-Trimethylbenzene	28	ug/Kg	U
SEE09121450PML1	9/12/2010	1,3,5-Trimethylbenzene	28	ug/Kg	U
SEE09091515PML1	9/9/2010	1,3,5-Trimethylbenzene	28	ug/Kg	U
SEE09081010PML1	9/8/2010	1,3,5-Trimethylbenzene	28	ug/Kg	U
SEE09081020RCM1	9/8/2010	1,3,5-Trimethylbenzene	28	ug/Kg	U
SEE09011255PML1	9/1/2010	1,3,5-Trimethylbenzene	28	ug/Kg	U
SEE08301015JRP1	8/30/2010	1,3,5-Trimethylbenzene	28	ug/Kg	U
SEE08261420RCM1	8/26/2010	1,3,5-Trimethylbenzene	28	ug/kg	U
SEE10091614PML1	10/9/2010	1,3,5-Trimethylbenzene	27	ug/Kg	U
SEE10061205PML1	10/6/2010	1,3,5-Trimethylbenzene	27	ug/Kg	U
SEE10041150JDF1	10/4/2010	1,3,5-Trimethylbenzene	27	ug/Kg	UJ
SEE09251135JDF1	9/25/2010	1,3,5-Trimethylbenzene	27	ug/Kg	U

**TABLE B-2b**  
**Upstream Sediment Samples (Morrow Lake)**

Sample ID	Sample Date	Analyte	Result	Unit	Data Qualifier
SEE09221440JDF1	9/22/2010	1,3,5-Trimethylbenzene	27	ug/Kg	U
SEE09170839RCM1	9/17/2010	1,3,5-Trimethylbenzene	27	ug/Kg	U
SEE09151015PML1	9/15/2010	1,3,5-Trimethylbenzene	27	ug/Kg	U
SEE08291110PML1	8/29/2010	1,3,5-Trimethylbenzene	27	ug/kg	U
SEE10141150JDF1	10/14/2010	1,3,5-Trimethylbenzene	26	ug/Kg	U
SEE10141550JDF1	10/14/2010	1,3,5-Trimethylbenzene	26	ug/Kg	U
SEE10141550JDF1	10/14/2010	1,3,5-Trimethylbenzene	26	ug/Kg	U
SEE10121155JDF1	10/12/2010	1,3,5-Trimethylbenzene	26	ug/Kg	U
SEE09271130JDF1	9/27/2010	1,3,5-Trimethylbenzene	26	ug/Kg	U
SEE09131125PML1	9/13/2010	1,3,5-Trimethylbenzene	26	ug/Kg	U
SEE09091010PML1	9/9/2010	1,3,5-Trimethylbenzene	26	ug/Kg	U
SEE09091145PML1	9/9/2010	1,3,5-Trimethylbenzene	26	ug/Kg	U
SEE09091410PML1	9/9/2010	1,3,5-Trimethylbenzene	26	ug/Kg	U
SEE09061130MHS1	9/6/2010	1,3,5-Trimethylbenzene	26	ug/Kg	U
SEE09011145PML1	9/1/2010	1,3,5-Trimethylbenzene	26	ug/Kg	U
SEE08301638MHS1	8/30/2010	1,3,5-Trimethylbenzene	26	ug/Kg	U
SEE10151055ARM1	10/15/2010	1,3,5-Trimethylbenzene	25	ug/Kg	U
SEE10121415ARM1	10/12/2010	1,3,5-Trimethylbenzene	25	ug/Kg	U
SEE10111125JDF1	10/11/2010	1,3,5-Trimethylbenzene	25	ug/Kg	U
SEE10031425JDF1	10/3/2010	1,3,5-Trimethylbenzene	25	ug/Kg	U
SEE09291035JDF1	9/29/2010	1,3,5-Trimethylbenzene	25	ug/Kg	U
SEE09220935RCM1	9/22/2010	1,3,5-Trimethylbenzene	25	ug/Kg	U
SEE09111015PML1	9/11/2010	1,3,5-Trimethylbenzene	25	ug/Kg	U
SEE09051015PML1	9/5/2010	1,3,5-Trimethylbenzene	25	ug/Kg	U
SEE08301445JRP1	8/30/2010	1,3,5-Trimethylbenzene	25	ug/Kg	U
SEE10161415JDF1	10/16/2010	1,3,5-Trimethylbenzene	24	ug/Kg	U
SEE10040945JDF1	10/4/2010	1,3,5-Trimethylbenzene	24	ug/Kg	UJ
SEE09230955RCM1	9/23/2010	1,3,5-Trimethylbenzene	24	ug/Kg	U
SEE09211530JDF1	9/21/2010	1,3,5-Trimethylbenzene	24	ug/Kg	U
SEE09170945PML1	9/17/2010	1,3,5-Trimethylbenzene	24	ug/Kg	U
SEE09171125PML1	9/17/2010	1,3,5-Trimethylbenzene	24	ug/Kg	U
SEE09130955JRP1	9/13/2010	1,3,5-Trimethylbenzene	24	ug/Kg	U
SEE09091605PML1	9/9/2010	1,3,5-Trimethylbenzene	24	ug/Kg	U
SEE09041350PML1	9/4/2010	1,3,5-Trimethylbenzene	24	ug/Kg	U
SEE10071205PML1	10/7/2010	1,3,5-Trimethylbenzene	23	ug/Kg	U
SEE10071540PML1	10/7/2010	1,3,5-Trimethylbenzene	23	ug/Kg	U
SEE10041335JDF1	10/4/2010	1,3,5-Trimethylbenzene	23	ug/Kg	UJ
SEE09271025ARM1	9/27/2010	1,3,5-Trimethylbenzene	23	ug/Kg	U
SEE09171530PML1	9/17/2010	1,3,5-Trimethylbenzene	23	ug/Kg	U
SEE09051430PML1	9/5/2010	1,3,5-Trimethylbenzene	23	ug/Kg	U
SEE08271500PML1	8/27/2010	1,3,5-Trimethylbenzene	23	ug/kg	U
SEE10150945JDF1	10/15/2010	1,3,5-Trimethylbenzene	22	ug/Kg	U
SEE10111011JDF1	10/11/2010	1,3,5-Trimethylbenzene	22	ug/Kg	U
SEE10111350JDF1	10/11/2010	1,3,5-Trimethylbenzene	22	ug/Kg	U
SEE10061051RCM1	10/6/2010	1,3,5-Trimethylbenzene	22	ug/Kg	U
SEE10041355ARM1	10/4/2010	1,3,5-Trimethylbenzene	22	ug/Kg	UJ
SEE09271515JDF1	9/27/2010	1,3,5-Trimethylbenzene	22	ug/Kg	U
SEE09221105JDF1	9/22/2010	1,3,5-Trimethylbenzene	22	ug/Kg	U
SEE09130940PML1	9/13/2010	1,3,5-Trimethylbenzene	22	ug/Kg	U
SEE08281215PML1	8/28/2010	1,3,5-Trimethylbenzene	22	ug/kg	U
SEE10121030JDF1	10/12/2010	1,3,5-Trimethylbenzene	21	ug/Kg	U
SEE09290925JDF1	9/29/2010	1,3,5-Trimethylbenzene	21	ug/Kg	U
SEE09091025JRP1	9/9/2010	1,3,5-Trimethylbenzene	21	ug/Kg	U
SEE09011635PML1	9/1/2010	1,3,5-Trimethylbenzene	21	ug/Kg	U
SEE08301520JRP1	8/30/2010	1,3,5-Trimethylbenzene	21	ug/Kg	U
SEE08281420TWH1	8/28/2010	1,3,5-Trimethylbenzene	21	ug/kg	U
SEE08261445JRP1	8/26/2010	1,3,5-Trimethylbenzene	21	ug/Kg	U
SEE10161055JDF1	10/16/2010	1,3,5-Trimethylbenzene	20	ug/Kg	U
SEE10151355ARM1	10/15/2010	1,3,5-Trimethylbenzene	20	ug/Kg	U
SEE10071415ARM1	10/7/2010	1,3,5-Trimethylbenzene	20	ug/Kg	U

**TABLE B-2b**  
**Upstream Sediment Samples (Morrow Lake)**

Sample ID	Sample Date	Analyte	Result	Unit	Data Qualifier
SEE09031140MHS1	9/3/2010	1,3,5-Trimethylbenzene	20	ug/Kg	UJ
SEE08291421KAP1	8/29/2010	1,3,5-Trimethylbenzene	20	ug/kg	U
SEE08271145RCM1	8/27/2010	1,3,5-Trimethylbenzene	20	ug/kg	U
SEE10041050JDF1	10/4/2010	1,3,5-Trimethylbenzene	19	ug/Kg	UJ
SEE09301255MAE1	9/30/2010	1,3,5-Trimethylbenzene	19	ug/Kg	U
SEE09291645JDF1	9/29/2010	1,3,5-Trimethylbenzene	19	ug/Kg	U
SEE09051550MHS1	9/5/2010	1,3,5-Trimethylbenzene	19	ug/Kg	U
SEE09031645MHS1	9/3/2010	1,3,5-Trimethylbenzene	19	ug/Kg	UJ
SEE10041138RCM1	10/4/2010	1,3,5-Trimethylbenzene	18	ug/Kg	UJ
SEE09221615JDF1	9/22/2010	1,3,5-Trimethylbenzene	18	ug/Kg	U
SEE09191445RCM1	9/19/2010	1,3,5-Trimethylbenzene	18	ug/Kg	U
SEE08311010JRP1	8/31/2010	1,3,5-Trimethylbenzene	18	ug/Kg	U
SEE09250905RCM1	9/25/2010	1,3,5-Trimethylbenzene	17	ug/Kg	U
SEE09200911RCM1	9/20/2010	1,3,5-Trimethylbenzene	17	ug/Kg	U
SEE09090900JRP1	9/9/2010	1,3,5-Trimethylbenzene	17	ug/Kg	U
SEE09011545MHS1	9/1/2010	1,3,5-Trimethylbenzene	17	ug/Kg	U
SEE08281510TWH1	8/28/2010	1,3,5-Trimethylbenzene	17	ug/kg	U
SEE10170915JDF1	10/17/2010	1,3,5-Trimethylbenzene	16	ug/Kg	U
SEE09291135JDF1	9/29/2010	1,3,5-Trimethylbenzene	16	ug/Kg	U
SEE09260930RCM1	9/26/2010	1,3,5-Trimethylbenzene	16	ug/Kg	U
SEE09201110ARM1	9/20/2010	1,3,5-Trimethylbenzene	15	ug/Kg	U
SEE08301530JAW1	8/30/2010	1,3,5-Trimethylbenzene	15	ug/Kg	U
SEE08291550KAP1	8/29/2010	1,3,5-Trimethylbenzene	15	ug/kg	U
SEE10071151RCM1	10/7/2010	1,3,5-Trimethylbenzene	14	ug/Kg	U
SEE09211112RCM1	9/21/2010	1,3,5-Trimethylbenzene	14	ug/Kg	U
SEE08311348MHS1	8/31/2010	1,3,5-Trimethylbenzene	14	ug/Kg	U
SEE08300920JRP1	8/30/2010	1,3,5-Trimethylbenzene	14	ug/Kg	U
SEE08261620RCM1	8/26/2010	1,3,5-Trimethylbenzene	14	ug/kg	U
SEE10141025ARM1	10/14/2010	1,3,5-Trimethylbenzene	12	ug/Kg	U
SEE09130915JRP1	9/13/2010	1,3,5-Trimethylbenzene	12	ug/Kg	U
SEE10091200ARM1	10/9/2010	1,3,5-Trimethylbenzene	11	ug/Kg	U
SEE09291023RCM1	9/29/2010	1,3,5-Trimethylbenzene	11	ug/Kg	U
SEE09171445RCM1	9/17/2010	1,3,5-Trimethylbenzene	11	ug/Kg	U
SEE09161035RCM1	9/16/2010	1,3,5-Trimethylbenzene	11	ug/Kg	U
SEE09141312RCM1	9/14/2010	1,3,5-Trimethylbenzene	10	ug/Kg	UJ
SEE08291445PML1	8/29/2010	1,3,5-Trimethylbenzene	10	ug/kg	U
SEE08291354KAP1	8/29/2010	1,3,5-Trimethylbenzene	9.3	ug/kg	U
SEE10051415ARM1	10/5/2010	1,3,5-Trimethylbenzene	8.7	ug/Kg	U
SEE09061610JAW1	9/6/2010	1,3,5-Trimethylbenzene	8.5	ug/Kg	U
SEE10011125ARM1	10/1/2010	1,3,5-Trimethylbenzene	8.2	ug/Kg	U
SEE08261700JRP1	8/26/2010	1,3,5-Trimethylbenzene	8.2	ug/Kg	U
SEE09051500MHS1	9/5/2010	1,3,5-Trimethylbenzene	8.0	ug/Kg	U
SEE10171535ARM1	10/17/2010	1,3,5-Trimethylbenzene	7.9	ug/Kg	U
SEE09231035ARM1	9/23/2010	1,3,5-Trimethylbenzene	7.9	ug/Kg	U
SEE09171200ARM1	9/17/2010	1,3,5-Trimethylbenzene	7.9	ug/Kg	U
SEE08271614TWH1	8/27/2010	1,3,5-Trimethylbenzene	7.8	ug/kg	U
SEE10081035ARM1	10/8/2010	1,3,5-Trimethylbenzene	7.6	ug/Kg	UJ
SEE08271652TWH1	8/27/2010	1,3,5-Trimethylbenzene	7.6	ug/kg	U
SEE09100945RCM1	9/10/2010	1,3,5-Trimethylbenzene	7.5	ug/Kg	U
SEE09211120ARM1	9/21/2010	1,3,5-Trimethylbenzene	7.4	ug/Kg	U
SEB09011143JLS1	9/1/2010	1,3,5-Trimethylbenzene	7.1	ug/Kg	U
SEE08301410JRP1	8/30/2010	1,3,5-Trimethylbenzene	7.0	ug/Kg	U
SEE09281445RCM1	9/28/2010	1,3,5-Trimethylbenzene	6.5	ug/Kg	U
SEE08271536TWH1	8/27/2010	1,3,5-Trimethylbenzene	6.3	ug/kg	U
SEE09271500ARM1	9/27/2010	1,3,5-Trimethylbenzene	6.2	ug/Kg	U
SEE09170935RCM1	9/17/2010	1,3,5-Trimethylbenzene	6.1	ug/Kg	U
SEF10011045TDF1	10/1/2010	1,3,5-Trimethylbenzene	6.0	ug/Kg	U
SEE09150915JRP1	9/15/2010	1,3,5-Trimethylbenzene	6.0	ug/Kg	U
SEE10011043RCM1	10/1/2010	1,3,5-Trimethylbenzene	5.8	ug/Kg	U
SEE09290915MAE1	9/29/2010	1,3,5-Trimethylbenzene	5.8	ug/Kg	U

**TABLE B-2b**  
**Upstream Sediment Samples (Morrow Lake)**

Sample ID	Sample Date	Analyte	Result	Unit	Data Qualifier
SEE10131035ARM1	10/13/2010	1,3,5-Trimethylbenzene	5.5	ug/Kg	U
SEE10071045ARM1	10/7/2010	1,3,5-Trimethylbenzene	5.5	ug/Kg	U
SEE10041045ARM1	10/4/2010	1,3,5-Trimethylbenzene	5.5	ug/Kg	UJ
SEF10151030PMB3	10/15/2010	1,3,5-Trimethylbenzene	5.4	ug/Kg	U
SEF10081108TDF3	10/8/2010	1,3,5-Trimethylbenzene	5.4	ug/Kg	UJ
SEE09251235ARM1	9/25/2010	1,3,5-Trimethylbenzene	5.4	ug/Kg	U
SEE08281540JRP1	8/28/2010	1,3,5-Trimethylbenzene	5.4	ug/kg	U
SEF10051206TDF3	10/5/2010	1,3,5-Trimethylbenzene	5.3	ug/Kg	U
SEE09140945JRP1	9/14/2010	1,3,5-Trimethylbenzene	5.3	ug/Kg	UJ
SEE09080930JRP1	9/8/2010	1,3,5-Trimethylbenzene	5.3	ug/Kg	U
SEE09011515JAW1	9/1/2010	1,3,5-Trimethylbenzene	5.3	ug/Kg	U
SEE08301100JRP1	8/30/2010	1,3,5-Trimethylbenzene	5.3	ug/Kg	U
SEE10121040ARM1	10/12/2010	1,3,5-Trimethylbenzene	5.2	ug/Kg	U
SEF10121130PMB3	10/12/2010	1,3,5-Trimethylbenzene	5.2	ug/Kg	U
SEE09221045ARM1	9/22/2010	1,3,5-Trimethylbenzene	5.2	ug/Kg	U
SEE09100920JRP1	9/10/2010	1,3,5-Trimethylbenzene	5.1	ug/Kg	U
SEB08281400JLS1	8/28/2010	1,3,5-Trimethylbenzene	5.1	ug/kg	U
SEE09301025MAE1	9/30/2010	1,3,5-Trimethylbenzene	5.0	ug/Kg	U
SEE09051500JAW1	9/5/2010	1,3,5-Trimethylbenzene	5.0	ug/Kg	U
SEE10051145RCM1	10/5/2010	1,3,5-Trimethylbenzene	4.9	ug/Kg	U
SEE09070930JRP1	9/7/2010	1,3,5-Trimethylbenzene	4.9	ug/Kg	U
SEE10181030JWP1	10/18/2010	1,3,5-Trimethylbenzene	4.6	ug/Kg	U
SEF09281139TDF1	9/28/2010	1,3,5-Trimethylbenzene	4.3	ug/Kg	U
SEE09231205RCM1	9/23/2010	1,3,5-Trimethylbenzene	3.3	ug/Kg	U
SEE08271445JRP1	8/27/2010	1,3,5-Trimethylbenzene	2.8	ug/kg	U
SEE10061135ARM1	10/6/2010	1,3,5-Trimethylbenzene	0.88	ug/Kg	J
SEE09051430PML1	9/5/2010	1,3-Dichlorobenzene	3000	ug/Kg	U
SEE09011635PML1	9/1/2010	1,3-Dichlorobenzene	3000	ug/Kg	U
SEE10211035JDF1	10/21/2010	1,3-Dichlorobenzene	960	ug/Kg	UJ
SEE10051125PML1	10/5/2010	1,3-Dichlorobenzene	930	ug/Kg	UJ
SEE09061500PML1	9/6/2010	1,3-Dichlorobenzene	920	ug/Kg	U
SEE09021400PML1	9/2/2010	1,3-Dichlorobenzene	920	ug/Kg	U
SEE09301105JDF1	9/30/2010	1,3-Dichlorobenzene	910	ug/Kg	UJ
SEE08301130PML1	8/30/2010	1,3-Dichlorobenzene	910	ug/Kg	U
SEE10191005JDF1	10/19/2010	1,3-Dichlorobenzene	880	ug/Kg	U
SEE10171410JDF1	10/17/2010	1,3-Dichlorobenzene	880	ug/Kg	UJ
SEE09181235PML1	9/18/2010	1,3-Dichlorobenzene	880	ug/Kg	UJ
SEE09101022PML1	9/10/2010	1,3-Dichlorobenzene	880	ug/Kg	UJ
SEE09011545PML1	9/1/2010	1,3-Dichlorobenzene	870	ug/Kg	U
SEE10211430JDF1	10/21/2010	1,3-Dichlorobenzene	860	ug/Kg	U
SEE09231645JDF1	9/23/2010	1,3-Dichlorobenzene	860	ug/Kg	U
SEE09141135PML1	9/14/2010	1,3-Dichlorobenzene	860	ug/Kg	UJ
SEE09091410RCM1	9/9/2010	1,3-Dichlorobenzene	860	ug/Kg	U
SEE10081115PML1	10/8/2010	1,3-Dichlorobenzene	850	ug/Kg	UJ
SEE09121105RCM1	9/12/2010	1,3-Dichlorobenzene	850	ug/Kg	UJ
SEE09101215PML1	9/10/2010	1,3-Dichlorobenzene	850	ug/Kg	UJ
SEE09081020RCM1	9/8/2010	1,3-Dichlorobenzene	850	ug/Kg	U
SEE09031645MHS1	9/3/2010	1,3-Dichlorobenzene	850	ug/Kg	U
SEE09011545MHS1	9/1/2010	1,3-Dichlorobenzene	850	ug/Kg	U
SEE08311420PML1	8/31/2010	1,3-Dichlorobenzene	850	ug/Kg	U
SEE08311420PML1	8/31/2010	1,3-Dichlorobenzene	850	ug/Kg	U
SEE10131150JDF1	10/13/2010	1,3-Dichlorobenzene	840	ug/Kg	U
SEE09301255JDF1	9/30/2010	1,3-Dichlorobenzene	840	ug/Kg	UJ
SEE10221110JDF1	10/22/2010	1,3-Dichlorobenzene	830	ug/Kg	U
SEE10221110JDF1	10/22/2010	1,3-Dichlorobenzene	830	ug/Kg	U
SEE09030925PML1	9/3/2010	1,3-Dichlorobenzene	830	ug/Kg	U
SEE10191515JDF1	10/19/2010	1,3-Dichlorobenzene	820	ug/Kg	U
SEE10091401PML1	10/9/2010	1,3-Dichlorobenzene	820	ug/Kg	UJ
SEE09051550MHS1	9/5/2010	1,3-Dichlorobenzene	820	ug/Kg	U
SEE09291023RCM1	9/29/2010	1,3-Dichlorobenzene	810	ug/Kg	UJ

**TABLE B-2b**  
**Upstream Sediment Samples (Morrow Lake)**

Sample ID	Sample Date	Analyte	Result	Unit	Data Qualifier
SEE09121436RCM1	9/12/2010	1,3-Dichlorobenzene	810	ug/Kg	UJ
SEE09021010PML1	9/2/2010	1,3-Dichlorobenzene	810	ug/Kg	U
SEE10041530JDF1	10/4/2010	1,3-Dichlorobenzene	800	ug/Kg	U
SEE09101625PML1	9/10/2010	1,3-Dichlorobenzene	800	ug/Kg	UJ
SEE09061525MHS1	9/6/2010	1,3-Dichlorobenzene	800	ug/Kg	U
SEE09031100PML1	9/3/2010	1,3-Dichlorobenzene	800	ug/Kg	U
SEE08301638MHS1	8/30/2010	1,3-Dichlorobenzene	800	ug/Kg	U
SEE10191415JDF1	10/19/2010	1,3-Dichlorobenzene	790	ug/Kg	U
SEE10181035JDF1	10/18/2010	1,3-Dichlorobenzene	790	ug/Kg	U
SEE10091614PML1	10/9/2010	1,3-Dichlorobenzene	790	ug/Kg	UJ
SEE10051653PML1	10/5/2010	1,3-Dichlorobenzene	790	ug/Kg	UJ
SEE09231210JDF1	9/23/2010	1,3-Dichlorobenzene	790	ug/Kg	U
SEE09141515PML1	9/14/2010	1,3-Dichlorobenzene	790	ug/Kg	UJ
SEE09131026RCM1	9/13/2010	1,3-Dichlorobenzene	790	ug/Kg	U
SEE09051130PML1	9/5/2010	1,3-Dichlorobenzene	790	ug/Kg	U
SEE08301550PML1	8/30/2010	1,3-Dichlorobenzene	790	ug/Kg	U
SEE10191155JDF1	10/19/2010	1,3-Dichlorobenzene	780	ug/Kg	U
SEE10171115JDF1	10/17/2010	1,3-Dichlorobenzene	780	ug/Kg	UJ
SEE10141015JDF1	10/14/2010	1,3-Dichlorobenzene	780	ug/Kg	UJ
SEE09220935RCM1	9/22/2010	1,3-Dichlorobenzene	780	ug/Kg	U
SEE09191445RCM1	9/19/2010	1,3-Dichlorobenzene	780	ug/Kg	U
SEE09161045PML1	9/16/2010	1,3-Dichlorobenzene	780	ug/Kg	UJ
SEE09071050PML1	9/7/2010	1,3-Dichlorobenzene	780	ug/Kg	UJ
SEE10211010JWP1	10/21/2010	1,3-Dichlorobenzene	770	ug/Kg	U
SEE10181510JDF1	10/18/2010	1,3-Dichlorobenzene	770	ug/Kg	U
SEE10181510JDF1	10/18/2010	1,3-Dichlorobenzene	770	ug/Kg	U
SEE10061205PML1	10/6/2010	1,3-Dichlorobenzene	770	ug/Kg	UJ
SEE10031115JDF1	10/3/2010	1,3-Dichlorobenzene	770	ug/Kg	UJ
SEE10031115JDF1	10/3/2010	1,3-Dichlorobenzene	770	ug/Kg	UJ
SEE09171415PML1	9/17/2010	1,3-Dichlorobenzene	770	ug/Kg	UJ
SEE09140945PML1	9/14/2010	1,3-Dichlorobenzene	770	ug/Kg	UJ
SEE09131445RCM1	9/13/2010	1,3-Dichlorobenzene	770	ug/Kg	U
SEE09131505PML1	9/13/2010	1,3-Dichlorobenzene	770	ug/Kg	U
SEE08301145MHS1	8/30/2010	1,3-Dichlorobenzene	770	ug/Kg	U
SEE10141555ARM1	10/14/2010	1,3-Dichlorobenzene	760	ug/Kg	UJ
SEE10101215PML1	10/10/2010	1,3-Dichlorobenzene	760	ug/Kg	U
SEE10101215PML1	10/10/2010	1,3-Dichlorobenzene	760	ug/Kg	U
SEE09170839RCM1	9/17/2010	1,3-Dichlorobenzene	760	ug/Kg	UJ
SEE09081205PML1	9/8/2010	1,3-Dichlorobenzene	760	ug/Kg	U
SEE09031140MHS1	9/3/2010	1,3-Dichlorobenzene	760	ug/Kg	U
SEE10061051RCM1	10/6/2010	1,3-Dichlorobenzene	750	ug/Kg	UJ
SEE10041138RCM1	10/4/2010	1,3-Dichlorobenzene	750	ug/Kg	U
SEE09251135JDF1	9/25/2010	1,3-Dichlorobenzene	750	ug/Kg	UJ
SEE09200945PML1	9/20/2010	1,3-Dichlorobenzene	750	ug/Kg	U
SEE09200945PML1	9/20/2010	1,3-Dichlorobenzene	750	ug/Kg	U
SEE09191040PML1	9/19/2010	1,3-Dichlorobenzene	750	ug/Kg	U
SEE09181705PML1	9/18/2010	1,3-Dichlorobenzene	750	ug/Kg	UJ
SEE09091005RCM1	9/9/2010	1,3-Dichlorobenzene	750	ug/Kg	U
SEE09061105PML1	9/6/2010	1,3-Dichlorobenzene	750	ug/Kg	U
SEE09031650PML1	9/3/2010	1,3-Dichlorobenzene	750	ug/Kg	U
SEE09031650PML1	9/3/2010	1,3-Dichlorobenzene	750	ug/Kg	U
SEE10191100JDF1	10/19/2010	1,3-Dichlorobenzene	740	ug/Kg	U
SEE10141150JDF1	10/14/2010	1,3-Dichlorobenzene	740	ug/Kg	UJ
SEE10101010PML1	10/10/2010	1,3-Dichlorobenzene	740	ug/Kg	U
SEE10081051RCM1	10/8/2010	1,3-Dichlorobenzene	740	ug/Kg	UJ
SEE09261625JDF1	9/26/2010	1,3-Dichlorobenzene	740	ug/Kg	UJ
SEE09261625JDF1	9/26/2010	1,3-Dichlorobenzene	740	ug/Kg	UJ
SEE09191530PML1	9/19/2010	1,3-Dichlorobenzene	740	ug/Kg	U
SEE09151145PML1	9/15/2010	1,3-Dichlorobenzene	740	ug/Kg	U
SEE09151145PML1	9/15/2010	1,3-Dichlorobenzene	740	ug/Kg	U

**TABLE B-2b**  
**Upstream Sediment Samples (Morrow Lake)**

Sample ID	Sample Date	Analyte	Result	Unit	Data Qualifier
SEE09121055PML1	9/12/2010	1,3-Dichlorobenzene	740	ug/Kg	UJ
SEE09121055PML1	9/12/2010	1,3-Dichlorobenzene	740	ug/Kg	UJ
SEE09091515PML1	9/9/2010	1,3-Dichlorobenzene	740	ug/Kg	U
SEE09081010PML1	9/8/2010	1,3-Dichlorobenzene	740	ug/Kg	U
SEE08311045PML1	8/31/2010	1,3-Dichlorobenzene	740	ug/Kg	U
SEE10161530JDF1	10/16/2010	1,3-Dichlorobenzene	730	ug/Kg	U
SEE10141550JDF1	10/14/2010	1,3-Dichlorobenzene	730	ug/Kg	UJ
SEE10141550JDF1	10/14/2010	1,3-Dichlorobenzene	730	ug/Kg	UJ
SEE10121155JDF1	10/12/2010	1,3-Dichlorobenzene	730	ug/Kg	UJ
SEE10011120JDF1	10/1/2010	1,3-Dichlorobenzene	730	ug/Kg	UJ
SEE09260930RCM1	9/26/2010	1,3-Dichlorobenzene	730	ug/Kg	UJ
SEE09230955RCM1	9/23/2010	1,3-Dichlorobenzene	730	ug/Kg	U
SEE09151015PML1	9/15/2010	1,3-Dichlorobenzene	730	ug/Kg	U
SEE09111015PML1	9/11/2010	1,3-Dichlorobenzene	730	ug/Kg	UJ
SEE10181210JDF1	10/18/2010	1,3-Dichlorobenzene	720	ug/Kg	U
SEE10150945JDF1	10/15/2010	1,3-Dichlorobenzene	720	ug/Kg	U
SEE10120930JDF1	10/12/2010	1,3-Dichlorobenzene	720	ug/Kg	UJ
SEE10081231PML1	10/8/2010	1,3-Dichlorobenzene	720	ug/Kg	UJ
SEE10071042RCM1	10/7/2010	1,3-Dichlorobenzene	720	ug/Kg	U
SEE10071101PML1	10/7/2010	1,3-Dichlorobenzene	720	ug/Kg	U
SEE09261215JDF1	9/26/2010	1,3-Dichlorobenzene	720	ug/Kg	UJ
SEE09011050PML1	9/1/2010	1,3-Dichlorobenzene	720	ug/Kg	U
SEE10221055DWS1	10/22/2010	1,3-Dichlorobenzene	710	ug/Kg	U
SEE09221440JDF1	9/22/2010	1,3-Dichlorobenzene	710	ug/Kg	U
SEE09040950PML1	9/4/2010	1,3-Dichlorobenzene	710	ug/Kg	U
SEE10181430JWP1	10/18/2010	1,3-Dichlorobenzene	700	ug/Kg	U
SEE10161115ARM1	10/16/2010	1,3-Dichlorobenzene	700	ug/Kg	U
SEE10061640PML1	10/6/2010	1,3-Dichlorobenzene	700	ug/Kg	UJ
SEE10061640PML1	10/6/2010	1,3-Dichlorobenzene	700	ug/Kg	UJ
SEE09301205RCM1	9/30/2010	1,3-Dichlorobenzene	700	ug/Kg	UJ
SEE09211155JDF1	9/21/2010	1,3-Dichlorobenzene	700	ug/Kg	UJ
SEE09201115RCM1	9/20/2010	1,3-Dichlorobenzene	700	ug/Kg	U
SEE09171445RCM1	9/17/2010	1,3-Dichlorobenzene	700	ug/Kg	UJ
SEE09161035RCM1	9/16/2010	1,3-Dichlorobenzene	700	ug/Kg	UJ
SEE10191010JWP1	10/19/2010	1,3-Dichlorobenzene	690	ug/Kg	U
SEE10041150JDF1	10/4/2010	1,3-Dichlorobenzene	690	ug/Kg	U
SEE09121450PML1	9/12/2010	1,3-Dichlorobenzene	690	ug/Kg	UJ
SEE08301520JRP1	8/30/2010	1,3-Dichlorobenzene	690	ug/Kg	U
SEE10111125JDF1	10/11/2010	1,3-Dichlorobenzene	680	ug/Kg	U
SEE09271130JDF1	9/27/2010	1,3-Dichlorobenzene	680	ug/Kg	U
SEE09131620PML1	9/13/2010	1,3-Dichlorobenzene	680	ug/Kg	UJ
SEE09061130MHS1	9/6/2010	1,3-Dichlorobenzene	680	ug/Kg	U
SEE08261445JRP1	8/26/2010	1,3-Dichlorobenzene	680	ug/Kg	U
SEE10031425JDF1	10/3/2010	1,3-Dichlorobenzene	670	ug/Kg	UJ
SEE09291035JDF1	9/29/2010	1,3-Dichlorobenzene	670	ug/Kg	UJ
SEE09250905RCM1	9/25/2010	1,3-Dichlorobenzene	670	ug/Kg	UJ
SEE09211530JDF1	9/21/2010	1,3-Dichlorobenzene	670	ug/Kg	UJ
SEE09131125PML1	9/13/2010	1,3-Dichlorobenzene	670	ug/Kg	U
SEE09091605PML1	9/9/2010	1,3-Dichlorobenzene	670	ug/Kg	U
SEE09041350PML1	9/4/2010	1,3-Dichlorobenzene	670	ug/Kg	U
SEE09011255PML1	9/1/2010	1,3-Dichlorobenzene	670	ug/Kg	U
SEE09170945PML1	9/17/2010	1,3-Dichlorobenzene	660	ug/Kg	UJ
SEE09091145PML1	9/9/2010	1,3-Dichlorobenzene	660	ug/Kg	U
SEE08301445JRP1	8/30/2010	1,3-Dichlorobenzene	660	ug/Kg	U
SEE09091410PML1	9/9/2010	1,3-Dichlorobenzene	650	ug/Kg	U
SEE09171125PML1	9/17/2010	1,3-Dichlorobenzene	640	ug/Kg	UJ
SEE09051015PML1	9/5/2010	1,3-Dichlorobenzene	640	ug/Kg	U
SEE10161415JDF1	10/16/2010	1,3-Dichlorobenzene	630	ug/Kg	U
SEE10111011JDF1	10/11/2010	1,3-Dichlorobenzene	630	ug/Kg	U
SEE09130940PML1	9/13/2010	1,3-Dichlorobenzene	630	ug/Kg	U

**TABLE B-2b**  
**Upstream Sediment Samples (Morrow Lake)**

Sample ID	Sample Date	Analyte	Result	Unit	Data Qualifier
SEE08301015JRP1	8/30/2010	1,3-Dichlorobenzene	630	ug/Kg	U
SEE10211035JDF1	10/21/2010	1,3-Dichlorobenzene	620	ug/Kg	U
SEE10121415ARM1	10/12/2010	1,3-Dichlorobenzene	620	ug/Kg	UJ
SEE10071540PML1	10/7/2010	1,3-Dichlorobenzene	620	ug/Kg	U
SEE09031115JAW1	9/3/2010	1,3-Dichlorobenzene	620	ug/Kg	U
SEE08301530JAW1	8/30/2010	1,3-Dichlorobenzene	620	ug/Kg	U
SEE10161055JDF1	10/16/2010	1,3-Dichlorobenzene	610	ug/Kg	U
SEE10071205PML1	10/7/2010	1,3-Dichlorobenzene	610	ug/Kg	U
SEE09271515JDF1	9/27/2010	1,3-Dichlorobenzene	610	ug/Kg	U
SEE09211112RCM1	9/21/2010	1,3-Dichlorobenzene	610	ug/Kg	UJ
SEE09201645ARM1	9/20/2010	1,3-Dichlorobenzene	610	ug/Kg	U
SEE09171530PML1	9/17/2010	1,3-Dichlorobenzene	610	ug/Kg	UJ
SEE09091010PML1	9/9/2010	1,3-Dichlorobenzene	610	ug/Kg	U
SEE09091025JRP1	9/9/2010	1,3-Dichlorobenzene	610	ug/Kg	U
SEE10111350JDF1	10/11/2010	1,3-Dichlorobenzene	600	ug/Kg	U
SEE09290925JDF1	9/29/2010	1,3-Dichlorobenzene	600	ug/Kg	UJ
SEE09221105JDF1	9/22/2010	1,3-Dichlorobenzene	600	ug/Kg	U
SEE09221615JDF1	9/22/2010	1,3-Dichlorobenzene	600	ug/Kg	U
SEE10151055ARM1	10/15/2010	1,3-Dichlorobenzene	590	ug/Kg	U
SEE09301255MAE1	9/30/2010	1,3-Dichlorobenzene	590	ug/Kg	UJ
SEE09011145PML1	9/1/2010	1,3-Dichlorobenzene	590	ug/Kg	U
SEE10041050JDF1	10/4/2010	1,3-Dichlorobenzene	580	ug/Kg	U
SEE09231130ARM1	9/23/2010	1,3-Dichlorobenzene	580	ug/Kg	U
SEE10121030JDF1	10/12/2010	1,3-Dichlorobenzene	570	ug/Kg	UJ
SEE10041335JDF1	10/4/2010	1,3-Dichlorobenzene	570	ug/Kg	U
SEE09271025ARM1	9/27/2010	1,3-Dichlorobenzene	570	ug/Kg	U
SEE10191515JDF1	10/19/2010	1,3-Dichlorobenzene	560	ug/Kg	U
SEE10040945JDF1	10/4/2010	1,3-Dichlorobenzene	560	ug/Kg	U
SEE09130955JRP1	9/13/2010	1,3-Dichlorobenzene	560	ug/Kg	U
SEE09291645JDF1	9/29/2010	1,3-Dichlorobenzene	550	ug/Kg	UJ
SEE10211430JDF1	10/21/2010	1,3-Dichlorobenzene	540	ug/Kg	U
SEE10191005JDF1	10/19/2010	1,3-Dichlorobenzene	540	ug/Kg	U
SEE10221110JDF1	10/22/2010	1,3-Dichlorobenzene	530	ug/Kg	U
SEE10221110JDF1	10/22/2010	1,3-Dichlorobenzene	530	ug/Kg	U
SEE09141312RCM1	9/14/2010	1,3-Dichlorobenzene	530	ug/Kg	UJ
SEE10191415JDF1	10/19/2010	1,3-Dichlorobenzene	510	ug/Kg	U
SEE10191155JDF1	10/19/2010	1,3-Dichlorobenzene	490	ug/Kg	U
SEE10151355ARM1	10/15/2010	1,3-Dichlorobenzene	480	ug/Kg	U
SEE10041355ARM1	10/4/2010	1,3-Dichlorobenzene	480	ug/Kg	U
SEE10211010JWP1	10/21/2010	1,3-Dichlorobenzene	470	ug/Kg	U
SEE10191100JDF1	10/19/2010	1,3-Dichlorobenzene	470	ug/Kg	U
SEE09090900JRP1	9/9/2010	1,3-Dichlorobenzene	470	ug/Kg	U
SEE08311010JRP1	8/31/2010	1,3-Dichlorobenzene	470	ug/Kg	U
SEE08311348MHS1	8/31/2010	1,3-Dichlorobenzene	470	ug/Kg	U
SEE10170915JDF1	10/17/2010	1,3-Dichlorobenzene	460	ug/Kg	UJ
SEE10071415ARM1	10/7/2010	1,3-Dichlorobenzene	460	ug/Kg	U
SEE09291135JDF1	9/29/2010	1,3-Dichlorobenzene	460	ug/Kg	UJ
SEE10221055DWS1	10/22/2010	1,3-Dichlorobenzene	450	ug/Kg	U
SEE10191010JWP1	10/19/2010	1,3-Dichlorobenzene	450	ug/Kg	U
SEE10071151RCM1	10/7/2010	1,3-Dichlorobenzene	430	ug/Kg	U
SEE08300920JRP1	8/30/2010	1,3-Dichlorobenzene	410	ug/Kg	U
SEE10221450DWS1	10/22/2010	1,3-Dichlorobenzene	390	ug/Kg	U
SEE09051500MHS1	9/5/2010	1,3-Dichlorobenzene	380	ug/Kg	U
SEE10141025ARM1	10/14/2010	1,3-Dichlorobenzene	370	ug/Kg	UJ
SEE10211345JWP1	10/21/2010	1,3-Dichlorobenzene	330	ug/Kg	U
SEE10091200ARM1	10/9/2010	1,3-Dichlorobenzene	330	ug/Kg	UJ
SEE09130915JRP1	9/13/2010	1,3-Dichlorobenzene	330	ug/Kg	U
SEE08271145RCM1	8/27/2010	1,3-Dichlorobenzene	310	ug/kg	U
SEE09061610JAW1	9/6/2010	1,3-Dichlorobenzene	290	ug/Kg	U
SEE10141015JDF1	10/14/2010	1,3-Dichlorobenzene	280	ug/Kg	U

**TABLE B-2b**  
**Upstream Sediment Samples (Morrow Lake)**

Sample ID	Sample Date	Analyte	Result	Unit	Data Qualifier
SEE10051415ARM1	10/5/2010	1,3-Dichlorobenzene	280	ug/Kg	UJ
SEE10171535ARM1	10/17/2010	1,3-Dichlorobenzene	270	ug/Kg	UJ
SEE08261620RCM1	8/26/2010	1,3-Dichlorobenzene	270	ug/kg	U
SEE08261700JRP1	8/26/2010	1,3-Dichlorobenzene	270	ug/Kg	U
SEE09100945RCM1	9/10/2010	1,3-Dichlorobenzene	260	ug/Kg	UJ
SEE08301410JRP1	8/30/2010	1,3-Dichlorobenzene	260	ug/Kg	U
SEE10011125ARM1	10/1/2010	1,3-Dichlorobenzene	250	ug/Kg	UJ
SEE09211120ARM1	9/21/2010	1,3-Dichlorobenzene	250	ug/Kg	UJ
SEE09201110ARM1	9/20/2010	1,3-Dichlorobenzene	250	ug/Kg	U
SEE10221450DWS1	10/22/2010	1,3-Dichlorobenzene	240	ug/Kg	U
SEF10221050MAE3	10/22/2010	1,3-Dichlorobenzene	240	ug/Kg	U
SEF10191135NAC3	10/19/2010	1,3-Dichlorobenzene	240	ug/Kg	U
SEE10081035ARM1	10/8/2010	1,3-Dichlorobenzene	240	ug/Kg	UJ
SEE09171200ARM1	9/17/2010	1,3-Dichlorobenzene	240	ug/Kg	UJ
SEF10011045TDF1	10/1/2010	1,3-Dichlorobenzene	230	ug/Kg	UJ
SEE09290915MAE1	9/29/2010	1,3-Dichlorobenzene	230	ug/Kg	UJ
SEE09271500ARM1	9/27/2010	1,3-Dichlorobenzene	230	ug/Kg	U
SEE09231205RCM1	9/23/2010	1,3-Dichlorobenzene	230	ug/Kg	U
SEE09200911RCM1	9/20/2010	1,3-Dichlorobenzene	230	ug/Kg	U
SEE09140945JRP1	9/14/2010	1,3-Dichlorobenzene	230	ug/Kg	UJ
SEE08261420RCM1	8/26/2010	1,3-Dichlorobenzene	230	ug/kg	U
SEE10211345JWP1	10/21/2010	1,3-Dichlorobenzene	220	ug/Kg	U
SEF10081108TDF3	10/8/2010	1,3-Dichlorobenzene	220	ug/Kg	UJ
SEE10071045ARM1	10/7/2010	1,3-Dichlorobenzene	220	ug/Kg	U
SEE10041045ARM1	10/4/2010	1,3-Dichlorobenzene	220	ug/Kg	U
SEE10011043RCM1	10/1/2010	1,3-Dichlorobenzene	220	ug/Kg	UJ
SEE09281445RCM1	9/28/2010	1,3-Dichlorobenzene	220	ug/Kg	U
SEE09251235ARM1	9/25/2010	1,3-Dichlorobenzene	220	ug/Kg	UJ
SEE09231035ARM1	9/23/2010	1,3-Dichlorobenzene	220	ug/Kg	U
SEE09170935RCM1	9/17/2010	1,3-Dichlorobenzene	220	ug/Kg	UJ
SEE09150915JRP1	9/15/2010	1,3-Dichlorobenzene	220	ug/Kg	U
SEE09070930JRP1	9/7/2010	1,3-Dichlorobenzene	220	ug/Kg	UJ
SEB09011143JLS1	9/1/2010	1,3-Dichlorobenzene	220	ug/Kg	U
SEE08301100JRP1	8/30/2010	1,3-Dichlorobenzene	220	ug/Kg	U
SEE10191115JWP1	10/19/2010	1,3-Dichlorobenzene	210	ug/Kg	U
SEF10151030PMB3	10/15/2010	1,3-Dichlorobenzene	210	ug/Kg	U
SEF10121130PMB3	10/12/2010	1,3-Dichlorobenzene	210	ug/Kg	UJ
SEE10061135ARM1	10/6/2010	1,3-Dichlorobenzene	210	ug/Kg	UJ
SEF10051206TDF3	10/5/2010	1,3-Dichlorobenzene	210	ug/Kg	UJ
SEE09100920JRP1	9/10/2010	1,3-Dichlorobenzene	210	ug/Kg	UJ
SEE09051500JAW1	9/5/2010	1,3-Dichlorobenzene	210	ug/Kg	U
SEE10131035ARM1	10/13/2010	1,3-Dichlorobenzene	200	ug/Kg	U
SEE10121040ARM1	10/12/2010	1,3-Dichlorobenzene	200	ug/Kg	UJ
SEE10051145RCM1	10/5/2010	1,3-Dichlorobenzene	200	ug/Kg	UJ
SEE09301025MAE1	9/30/2010	1,3-Dichlorobenzene	200	ug/Kg	UJ
SEF09281139TDF1	9/28/2010	1,3-Dichlorobenzene	200	ug/Kg	U
SEE09221045ARM1	9/22/2010	1,3-Dichlorobenzene	200	ug/Kg	U
SEE09080930JRP1	9/8/2010	1,3-Dichlorobenzene	200	ug/Kg	U
SEE09011515JAW1	9/1/2010	1,3-Dichlorobenzene	200	ug/Kg	U
SEE10181030JWP1	10/18/2010	1,3-Dichlorobenzene	190	ug/Kg	U
SEE08281607TWH1	8/28/2010	1,3-Dichlorobenzene	160	ug/kg	UJ
SEE08281630RCM1	8/28/2010	1,3-Dichlorobenzene	160	ug/kg	UJ
SEF10221050MAE3	10/22/2010	1,3-Dichlorobenzene	150	ug/Kg	U
SEF10191135NAC3	10/19/2010	1,3-Dichlorobenzene	150	ug/Kg	U
SEE08281505PML1	8/28/2010	1,3-Dichlorobenzene	140	ug/kg	UJ
SEE08271215PML1	8/27/2010	1,3-Dichlorobenzene	140	ug/kg	U
SEE10191115JWP1	10/19/2010	1,3-Dichlorobenzene	130	ug/Kg	U
SEE08271500PML1	8/27/2010	1,3-Dichlorobenzene	130	ug/kg	U
SEE08271614TWH1	8/27/2010	1,3-Dichlorobenzene	130	ug/kg	U
SEE08291110PML1	8/29/2010	1,3-Dichlorobenzene	110	ug/Kg	U



**TABLE B-2b**  
**Upstream Sediment Samples (Morrow Lake)**

Sample ID	Sample Date	Analyte	Result	Unit	Data Qualifier
SEE08281215PML1	8/28/2010	1,3-Dichlorobenzene	110	ug/kg	U
SEE08281420TWH1	8/28/2010	1,3-Dichlorobenzene	110	ug/kg	UJ
SEE08281510TWH1	8/28/2010	1,3-Dichlorobenzene	100	ug/kg	UJ
SEE08291421KAP1	8/29/2010	1,3-Dichlorobenzene	97	ug/kg	U
SEE08271652TWH1	8/27/2010	1,3-Dichlorobenzene	95	ug/kg	U
SEE08291550KAP1	8/29/2010	1,3-Dichlorobenzene	78	ug/kg	U
SEE08291354KAP1	8/29/2010	1,3-Dichlorobenzene	63	ug/kg	U
SEE09200945PML1	9/20/2010	1,3-Dichlorobenzene	60	ug/Kg	U
SEE09200945PML1	9/20/2010	1,3-Dichlorobenzene	60	ug/Kg	U
SEE09201115RCM1	9/20/2010	1,3-Dichlorobenzene	58	ug/Kg	U
SEE08291445PML1	8/29/2010	1,3-Dichlorobenzene	52	ug/kg	U
SEE09201645ARM1	9/20/2010	1,3-Dichlorobenzene	48	ug/Kg	U
SEE10071042RCM1	10/7/2010	1,3-Dichlorobenzene	45	ug/Kg	UJ
SEE09061500PML1	9/6/2010	1,3-Dichlorobenzene	45	ug/Kg	U
SEE08281607TWH1	8/28/2010	1,3-Dichlorobenzene	44	ug/kg	U
SEE08271445JRP1	8/27/2010	1,3-Dichlorobenzene	43	ug/kg	U
SEE09301105JDF1	9/30/2010	1,3-Dichlorobenzene	42	ug/Kg	UJ
SEE09181705PML1	9/18/2010	1,3-Dichlorobenzene	42	ug/Kg	U
SEE08271536TWH1	8/27/2010	1,3-Dichlorobenzene	42	ug/kg	U
SEE09021400PML1	9/2/2010	1,3-Dichlorobenzene	41	ug/Kg	U
SEE08301130PML1	8/30/2010	1,3-Dichlorobenzene	41	ug/Kg	U
SEE10091401PML1	10/9/2010	1,3-Dichlorobenzene	40	ug/Kg	U
SEB08281400JLS1	8/28/2010	1,3-Dichlorobenzene	40	ug/kg	UJ
SEE10181035JDF1	10/18/2010	1,3-Dichlorobenzene	39	ug/Kg	U
SEE10051125PML1	10/5/2010	1,3-Dichlorobenzene	39	ug/Kg	UJ
SEE08311045PML1	8/31/2010	1,3-Dichlorobenzene	39	ug/Kg	UJ
SEE08281540JRP1	8/28/2010	1,3-Dichlorobenzene	39	ug/kg	U
SEE10141555ARM1	10/14/2010	1,3-Dichlorobenzene	38	ug/Kg	U
SEE09101215PML1	9/10/2010	1,3-Dichlorobenzene	38	ug/Kg	UJ
SEE10161530JDF1	10/16/2010	1,3-Dichlorobenzene	37	ug/Kg	U
SEE10081115PML1	10/8/2010	1,3-Dichlorobenzene	37	ug/Kg	UJ
SEE09030925PML1	9/3/2010	1,3-Dichlorobenzene	37	ug/Kg	UJ
SEE09031115JAW1	9/3/2010	1,3-Dichlorobenzene	37	ug/Kg	UJ
SEE08281505PML1	8/28/2010	1,3-Dichlorobenzene	37	ug/kg	UJ
SEE10171410JDF1	10/17/2010	1,3-Dichlorobenzene	36	ug/Kg	U
SEE09191530PML1	9/19/2010	1,3-Dichlorobenzene	36	ug/Kg	U
SEE09181235PML1	9/18/2010	1,3-Dichlorobenzene	36	ug/Kg	U
SEE09141135PML1	9/14/2010	1,3-Dichlorobenzene	36	ug/Kg	UJ
SEE09101022PML1	9/10/2010	1,3-Dichlorobenzene	36	ug/Kg	UJ
SEE10171115JDF1	10/17/2010	1,3-Dichlorobenzene	35	ug/Kg	U
SEE08311420PML1	8/31/2010	1,3-Dichlorobenzene	35	ug/Kg	UJ
SEE08311420PML1	8/31/2010	1,3-Dichlorobenzene	35	ug/Kg	UJ
SEE08271215PML1	8/27/2010	1,3-Dichlorobenzene	35	ug/kg	U
SEE10041530JDF1	10/4/2010	1,3-Dichlorobenzene	34	ug/Kg	UJ
SEE09121105RCM1	9/12/2010	1,3-Dichlorobenzene	34	ug/Kg	U
SEE09011545PML1	9/1/2010	1,3-Dichlorobenzene	34	ug/Kg	U
SEE08301550PML1	8/30/2010	1,3-Dichlorobenzene	34	ug/Kg	U
SEE10181210JDF1	10/18/2010	1,3-Dichlorobenzene	33	ug/Kg	U
SEE10181430JWP1	10/18/2010	1,3-Dichlorobenzene	33	ug/Kg	U
SEE10181510JDF1	10/18/2010	1,3-Dichlorobenzene	33	ug/Kg	U
SEE10181510JDF1	10/18/2010	1,3-Dichlorobenzene	33	ug/Kg	U
SEE10131150JDF1	10/13/2010	1,3-Dichlorobenzene	33	ug/Kg	U
SEE10101010PML1	10/10/2010	1,3-Dichlorobenzene	33	ug/Kg	U
SEE10101215PML1	10/10/2010	1,3-Dichlorobenzene	33	ug/Kg	U
SEE10101215PML1	10/10/2010	1,3-Dichlorobenzene	33	ug/Kg	U
SEE09140945PML1	9/14/2010	1,3-Dichlorobenzene	33	ug/Kg	UJ
SEE09061525MHS1	9/6/2010	1,3-Dichlorobenzene	33	ug/Kg	U
SEE09051130PML1	9/5/2010	1,3-Dichlorobenzene	33	ug/Kg	U
SEE09031100PML1	9/3/2010	1,3-Dichlorobenzene	33	ug/Kg	UJ
SEE09021010PML1	9/2/2010	1,3-Dichlorobenzene	33	ug/Kg	U

**TABLE B-2b**  
**Upstream Sediment Samples (Morrow Lake)**

Sample ID	Sample Date	Analyte	Result	Unit	Data Qualifier
SEE08281630RCM1	8/28/2010	1,3-Dichlorobenzene	33	ug/kg	UJ
SEE10031115JDF1	10/3/2010	1,3-Dichlorobenzene	32	ug/Kg	U
SEE10031115JDF1	10/3/2010	1,3-Dichlorobenzene	32	ug/Kg	U
SEE09301205RCM1	9/30/2010	1,3-Dichlorobenzene	32	ug/Kg	UJ
SEE09301255JDF1	9/30/2010	1,3-Dichlorobenzene	32	ug/Kg	UJ
SEE09231645JDF1	9/23/2010	1,3-Dichlorobenzene	32	ug/Kg	U
SEE09141515PML1	9/14/2010	1,3-Dichlorobenzene	32	ug/Kg	UJ
SEE09101625PML1	9/10/2010	1,3-Dichlorobenzene	32	ug/Kg	UJ
SEE09091005RCM1	9/9/2010	1,3-Dichlorobenzene	32	ug/Kg	U
SEE09061105PML1	9/6/2010	1,3-Dichlorobenzene	32	ug/Kg	U
SEE09031650PML1	9/3/2010	1,3-Dichlorobenzene	32	ug/Kg	UJ
SEE09031650PML1	9/3/2010	1,3-Dichlorobenzene	32	ug/Kg	UJ
SEE10081231PML1	10/8/2010	1,3-Dichlorobenzene	31	ug/Kg	UJ
SEE09231210JDF1	9/23/2010	1,3-Dichlorobenzene	31	ug/Kg	U
SEE09161045PML1	9/16/2010	1,3-Dichlorobenzene	31	ug/Kg	U
SEE09081205PML1	9/8/2010	1,3-Dichlorobenzene	31	ug/Kg	U
SEE09071050PML1	9/7/2010	1,3-Dichlorobenzene	31	ug/Kg	U
SEE08301145MHS1	8/30/2010	1,3-Dichlorobenzene	31	ug/Kg	U
SEE10161115ARM1	10/16/2010	1,3-Dichlorobenzene	30	ug/Kg	U
SEE10120930JDF1	10/12/2010	1,3-Dichlorobenzene	30	ug/Kg	U
SEE10071101PML1	10/7/2010	1,3-Dichlorobenzene	30	ug/Kg	UJ
SEE09261625JDF1	9/26/2010	1,3-Dichlorobenzene	30	ug/Kg	U
SEE09261625JDF1	9/26/2010	1,3-Dichlorobenzene	30	ug/Kg	U
SEE09131445RCM1	9/13/2010	1,3-Dichlorobenzene	30	ug/Kg	U
SEE09121055PML1	9/12/2010	1,3-Dichlorobenzene	30	ug/Kg	U
SEE09121055PML1	9/12/2010	1,3-Dichlorobenzene	30	ug/Kg	U
SEE09121436RCM1	9/12/2010	1,3-Dichlorobenzene	30	ug/Kg	U
SEE09091410RCM1	9/9/2010	1,3-Dichlorobenzene	30	ug/Kg	U
SEE09011050PML1	9/1/2010	1,3-Dichlorobenzene	30	ug/Kg	U
SEE10081051RCM1	10/8/2010	1,3-Dichlorobenzene	29	ug/Kg	UJ
SEE10061640PML1	10/6/2010	1,3-Dichlorobenzene	29	ug/Kg	U
SEE10061640PML1	10/6/2010	1,3-Dichlorobenzene	29	ug/Kg	U
SEE10051653PML1	10/5/2010	1,3-Dichlorobenzene	29	ug/Kg	UJ
SEE09261215JDF1	9/26/2010	1,3-Dichlorobenzene	29	ug/Kg	U
SEE09231130ARM1	9/23/2010	1,3-Dichlorobenzene	29	ug/Kg	U
SEE09191040PML1	9/19/2010	1,3-Dichlorobenzene	29	ug/Kg	U
SEE09131026RCM1	9/13/2010	1,3-Dichlorobenzene	29	ug/Kg	U
SEE09131505PML1	9/13/2010	1,3-Dichlorobenzene	29	ug/Kg	U
SEE09040950PML1	9/4/2010	1,3-Dichlorobenzene	29	ug/Kg	U
SEE10011120JDF1	10/1/2010	1,3-Dichlorobenzene	28	ug/Kg	U
SEE09211155JDF1	9/21/2010	1,3-Dichlorobenzene	28	ug/Kg	U
SEE09171415PML1	9/17/2010	1,3-Dichlorobenzene	28	ug/Kg	U
SEE09151145PML1	9/15/2010	1,3-Dichlorobenzene	28	ug/Kg	U
SEE09151145PML1	9/15/2010	1,3-Dichlorobenzene	28	ug/Kg	U
SEE09131620PML1	9/13/2010	1,3-Dichlorobenzene	28	ug/Kg	U
SEE09121450PML1	9/12/2010	1,3-Dichlorobenzene	28	ug/Kg	U
SEE09091515PML1	9/9/2010	1,3-Dichlorobenzene	28	ug/Kg	U
SEE09081010PML1	9/8/2010	1,3-Dichlorobenzene	28	ug/Kg	U
SEE09081020RCM1	9/8/2010	1,3-Dichlorobenzene	28	ug/Kg	U
SEE09011255PML1	9/1/2010	1,3-Dichlorobenzene	28	ug/Kg	U
SEE08301015JRP1	8/30/2010	1,3-Dichlorobenzene	28	ug/Kg	U
SEE08261420RCM1	8/26/2010	1,3-Dichlorobenzene	28	ug/kg	U
SEE10091614PML1	10/9/2010	1,3-Dichlorobenzene	27	ug/Kg	U
SEE10061205PML1	10/6/2010	1,3-Dichlorobenzene	27	ug/Kg	U
SEE10041150JDF1	10/4/2010	1,3-Dichlorobenzene	27	ug/Kg	UJ
SEE09251135JDF1	9/25/2010	1,3-Dichlorobenzene	27	ug/Kg	U
SEE09221440JDF1	9/22/2010	1,3-Dichlorobenzene	27	ug/Kg	U
SEE09170839RCM1	9/17/2010	1,3-Dichlorobenzene	27	ug/Kg	U
SEE09151015PML1	9/15/2010	1,3-Dichlorobenzene	27	ug/Kg	U
SEE08291110PML1	8/29/2010	1,3-Dichlorobenzene	27	ug/kg	U

**TABLE B-2b**  
**Upstream Sediment Samples (Morrow Lake)**

Sample ID	Sample Date	Analyte	Result	Unit	Data Qualifier
SEE10141150JDF1	10/14/2010	1,3-Dichlorobenzene	26	ug/Kg	U
SEE10141550JDF1	10/14/2010	1,3-Dichlorobenzene	26	ug/Kg	U
SEE10141550JDF1	10/14/2010	1,3-Dichlorobenzene	26	ug/Kg	U
SEE10121155JDF1	10/12/2010	1,3-Dichlorobenzene	26	ug/Kg	U
SEE09271130JDF1	9/27/2010	1,3-Dichlorobenzene	26	ug/Kg	U
SEE09131125PML1	9/13/2010	1,3-Dichlorobenzene	26	ug/Kg	U
SEE09091010PML1	9/9/2010	1,3-Dichlorobenzene	26	ug/Kg	U
SEE09091145PML1	9/9/2010	1,3-Dichlorobenzene	26	ug/Kg	U
SEE09091410PML1	9/9/2010	1,3-Dichlorobenzene	26	ug/Kg	U
SEE09061130MHS1	9/6/2010	1,3-Dichlorobenzene	26	ug/Kg	U
SEE09011145PML1	9/1/2010	1,3-Dichlorobenzene	26	ug/Kg	U
SEE08301638MHS1	8/30/2010	1,3-Dichlorobenzene	26	ug/Kg	U
SEE10151055ARM1	10/15/2010	1,3-Dichlorobenzene	25	ug/Kg	U
SEE10121415ARM1	10/12/2010	1,3-Dichlorobenzene	25	ug/Kg	U
SEE10111125JDF1	10/11/2010	1,3-Dichlorobenzene	25	ug/Kg	U
SEE10031425JDF1	10/3/2010	1,3-Dichlorobenzene	25	ug/Kg	U
SEE09291035JDF1	9/29/2010	1,3-Dichlorobenzene	25	ug/Kg	U
SEE09220935RCM1	9/22/2010	1,3-Dichlorobenzene	25	ug/Kg	U
SEE09111015PML1	9/11/2010	1,3-Dichlorobenzene	25	ug/Kg	U
SEE09051015PML1	9/5/2010	1,3-Dichlorobenzene	25	ug/Kg	U
SEE08301445JRP1	8/30/2010	1,3-Dichlorobenzene	25	ug/Kg	U
SEE10161415JDF1	10/16/2010	1,3-Dichlorobenzene	24	ug/Kg	U
SEE10040945JDF1	10/4/2010	1,3-Dichlorobenzene	24	ug/Kg	UJ
SEE09230955RCM1	9/23/2010	1,3-Dichlorobenzene	24	ug/Kg	U
SEE09211530JDF1	9/21/2010	1,3-Dichlorobenzene	24	ug/Kg	U
SEE09170945PML1	9/17/2010	1,3-Dichlorobenzene	24	ug/Kg	U
SEE09171125PML1	9/17/2010	1,3-Dichlorobenzene	24	ug/Kg	U
SEE09130955JRP1	9/13/2010	1,3-Dichlorobenzene	24	ug/Kg	U
SEE09091605PML1	9/9/2010	1,3-Dichlorobenzene	24	ug/Kg	U
SEE09041350PML1	9/4/2010	1,3-Dichlorobenzene	24	ug/Kg	U
SEE10071205PML1	10/7/2010	1,3-Dichlorobenzene	23	ug/Kg	UJ
SEE10071540PML1	10/7/2010	1,3-Dichlorobenzene	23	ug/Kg	UJ
SEE10041335JDF1	10/4/2010	1,3-Dichlorobenzene	23	ug/Kg	UJ
SEE09271025ARM1	9/27/2010	1,3-Dichlorobenzene	23	ug/Kg	U
SEE09171530PML1	9/17/2010	1,3-Dichlorobenzene	23	ug/Kg	U
SEE09051430PML1	9/5/2010	1,3-Dichlorobenzene	23	ug/Kg	U
SEE08271500PML1	8/27/2010	1,3-Dichlorobenzene	23	ug/kg	U
SEE10150945JDF1	10/15/2010	1,3-Dichlorobenzene	22	ug/Kg	U
SEE10111011JDF1	10/11/2010	1,3-Dichlorobenzene	22	ug/Kg	U
SEE10111350JDF1	10/11/2010	1,3-Dichlorobenzene	22	ug/Kg	U
SEE10061051RCM1	10/6/2010	1,3-Dichlorobenzene	22	ug/Kg	U
SEE10041355ARM1	10/4/2010	1,3-Dichlorobenzene	22	ug/Kg	UJ
SEE09271515JDF1	9/27/2010	1,3-Dichlorobenzene	22	ug/Kg	U
SEE09221105JDF1	9/22/2010	1,3-Dichlorobenzene	22	ug/Kg	U
SEE09130940PML1	9/13/2010	1,3-Dichlorobenzene	22	ug/Kg	U
SEE08281215PML1	8/28/2010	1,3-Dichlorobenzene	22	ug/kg	U
SEE10121030JDF1	10/12/2010	1,3-Dichlorobenzene	21	ug/Kg	U
SEE09290925JDF1	9/29/2010	1,3-Dichlorobenzene	21	ug/Kg	U
SEE09091025JRP1	9/9/2010	1,3-Dichlorobenzene	21	ug/Kg	U
SEE09011635PML1	9/1/2010	1,3-Dichlorobenzene	21	ug/Kg	U
SEE08301520JRP1	8/30/2010	1,3-Dichlorobenzene	21	ug/Kg	U
SEE08281420TWH1	8/28/2010	1,3-Dichlorobenzene	21	ug/kg	U
SEE08261445JRP1	8/26/2010	1,3-Dichlorobenzene	21	ug/Kg	U
SEE10161055JDF1	10/16/2010	1,3-Dichlorobenzene	20	ug/Kg	U
SEE10151355ARM1	10/15/2010	1,3-Dichlorobenzene	20	ug/Kg	U
SEE10071415ARM1	10/7/2010	1,3-Dichlorobenzene	20	ug/Kg	UJ
SEE09031140MHS1	9/3/2010	1,3-Dichlorobenzene	20	ug/Kg	UJ
SEE08291421KAP1	8/29/2010	1,3-Dichlorobenzene	20	ug/kg	U
SEE08271145RCM1	8/27/2010	1,3-Dichlorobenzene	20	ug/kg	U
SEE10041050JDF1	10/4/2010	1,3-Dichlorobenzene	19	ug/Kg	UJ

**TABLE B-2b**  
**Upstream Sediment Samples (Morrow Lake)**

Sample ID	Sample Date	Analyte	Result	Unit	Data Qualifier
SEE09301255MAE1	9/30/2010	1,3-Dichlorobenzene	19	ug/Kg	UJ
SEE09291645JDF1	9/29/2010	1,3-Dichlorobenzene	19	ug/Kg	U
SEE09051550MHS1	9/5/2010	1,3-Dichlorobenzene	19	ug/Kg	U
SEE09031645MHS1	9/3/2010	1,3-Dichlorobenzene	19	ug/Kg	UJ
SEE10041138RCM1	10/4/2010	1,3-Dichlorobenzene	18	ug/Kg	UJ
SEE09221615JDF1	9/22/2010	1,3-Dichlorobenzene	18	ug/Kg	U
SEE09191445RCM1	9/19/2010	1,3-Dichlorobenzene	18	ug/Kg	U
SEE08311010JRP1	8/31/2010	1,3-Dichlorobenzene	18	ug/Kg	UJ
SEE09250905RCM1	9/25/2010	1,3-Dichlorobenzene	17	ug/Kg	U
SEE09200911RCM1	9/20/2010	1,3-Dichlorobenzene	17	ug/Kg	U
SEE09090900JRP1	9/9/2010	1,3-Dichlorobenzene	17	ug/Kg	U
SEE09011545MHS1	9/1/2010	1,3-Dichlorobenzene	17	ug/Kg	U
SEE08281510TWH1	8/28/2010	1,3-Dichlorobenzene	17	ug/kg	U
SEE10170915JDF1	10/17/2010	1,3-Dichlorobenzene	16	ug/Kg	U
SEE09291135JDF1	9/29/2010	1,3-Dichlorobenzene	16	ug/Kg	U
SEE09260930RCM1	9/26/2010	1,3-Dichlorobenzene	16	ug/Kg	U
SEE09201110ARM1	9/20/2010	1,3-Dichlorobenzene	15	ug/Kg	U
SEE08301530JAW1	8/30/2010	1,3-Dichlorobenzene	15	ug/Kg	U
SEE08291550KAP1	8/29/2010	1,3-Dichlorobenzene	15	ug/kg	U
SEE10071151RCM1	10/7/2010	1,3-Dichlorobenzene	14	ug/Kg	UJ
SEE09211112RCM1	9/21/2010	1,3-Dichlorobenzene	14	ug/Kg	U
SEE08311348MHS1	8/31/2010	1,3-Dichlorobenzene	14	ug/Kg	UJ
SEE08300920JRP1	8/30/2010	1,3-Dichlorobenzene	14	ug/Kg	U
SEE08261620RCM1	8/26/2010	1,3-Dichlorobenzene	14	ug/kg	U
SEE10141025ARM1	10/14/2010	1,3-Dichlorobenzene	12	ug/Kg	U
SEE09130915JRP1	9/13/2010	1,3-Dichlorobenzene	12	ug/Kg	U
SEE10091200ARM1	10/9/2010	1,3-Dichlorobenzene	11	ug/Kg	U
SEE09291023RCM1	9/29/2010	1,3-Dichlorobenzene	11	ug/Kg	U
SEE09171445RCM1	9/17/2010	1,3-Dichlorobenzene	11	ug/Kg	U
SEE09161035RCM1	9/16/2010	1,3-Dichlorobenzene	11	ug/Kg	U
SEE09141312RCM1	9/14/2010	1,3-Dichlorobenzene	10	ug/Kg	UJ
SEE08291445PML1	8/29/2010	1,3-Dichlorobenzene	10	ug/kg	U
SEE08291354KAP1	8/29/2010	1,3-Dichlorobenzene	9.3	ug/kg	U
SEE10051415ARM1	10/5/2010	1,3-Dichlorobenzene	8.7	ug/Kg	UJ
SEE09061610JAW1	9/6/2010	1,3-Dichlorobenzene	8.5	ug/Kg	U
SEE10011125ARM1	10/1/2010	1,3-Dichlorobenzene	8.2	ug/Kg	U
SEE08261700JRP1	8/26/2010	1,3-Dichlorobenzene	8.2	ug/Kg	U
SEE09051500MHS1	9/5/2010	1,3-Dichlorobenzene	8.0	ug/Kg	U
SEE10171535ARM1	10/17/2010	1,3-Dichlorobenzene	7.9	ug/Kg	U
SEE09231035ARM1	9/23/2010	1,3-Dichlorobenzene	7.9	ug/Kg	U
SEE09171200ARM1	9/17/2010	1,3-Dichlorobenzene	7.9	ug/Kg	U
SEE08271614TWH1	8/27/2010	1,3-Dichlorobenzene	7.8	ug/kg	U
SEE10081035ARM1	10/8/2010	1,3-Dichlorobenzene	7.6	ug/Kg	UJ
SEE08271652TWH1	8/27/2010	1,3-Dichlorobenzene	7.6	ug/kg	U
SEE09100945RCM1	9/10/2010	1,3-Dichlorobenzene	7.5	ug/Kg	UJ
SEE09211120ARM1	9/21/2010	1,3-Dichlorobenzene	7.4	ug/Kg	U
SEB09011143JLS1	9/1/2010	1,3-Dichlorobenzene	7.1	ug/Kg	U
SEE08301410JRP1	8/30/2010	1,3-Dichlorobenzene	7.0	ug/Kg	U
SEE09281445RCM1	9/28/2010	1,3-Dichlorobenzene	6.5	ug/Kg	U
SEE08271536TWH1	8/27/2010	1,3-Dichlorobenzene	6.3	ug/kg	U
SEE09271500ARM1	9/27/2010	1,3-Dichlorobenzene	6.2	ug/Kg	U
SEE09170935RCM1	9/17/2010	1,3-Dichlorobenzene	6.1	ug/Kg	U
SEF10011045TDF1	10/1/2010	1,3-Dichlorobenzene	6.0	ug/Kg	U
SEE09150915JRP1	9/15/2010	1,3-Dichlorobenzene	6.0	ug/Kg	U
SEE10011043RCM1	10/1/2010	1,3-Dichlorobenzene	5.8	ug/Kg	U
SEE09290915MAE1	9/29/2010	1,3-Dichlorobenzene	5.8	ug/Kg	U
SEE10131035ARM1	10/13/2010	1,3-Dichlorobenzene	5.5	ug/Kg	U
SEE10071045ARM1	10/7/2010	1,3-Dichlorobenzene	5.5	ug/Kg	UJ
SEE10041045ARM1	10/4/2010	1,3-Dichlorobenzene	5.5	ug/Kg	UJ
SEF10151030PMB3	10/15/2010	1,3-Dichlorobenzene	5.4	ug/Kg	U

**TABLE B-2b**  
**Upstream Sediment Samples (Morrow Lake)**

Sample ID	Sample Date	Analyte	Result	Unit	Data Qualifier
SEF10081108TDF3	10/8/2010	1,3-Dichlorobenzene	5.4	ug/Kg	UJ
SEE09251235ARM1	9/25/2010	1,3-Dichlorobenzene	5.4	ug/Kg	U
SEE08281540JRP1	8/28/2010	1,3-Dichlorobenzene	5.4	ug/kg	U
SEF10051206TDF3	10/5/2010	1,3-Dichlorobenzene	5.3	ug/Kg	UJ
SEE09140945JRP1	9/14/2010	1,3-Dichlorobenzene	5.3	ug/Kg	UJ
SEE09080930JRP1	9/8/2010	1,3-Dichlorobenzene	5.3	ug/Kg	U
SEE09011515JAW1	9/1/2010	1,3-Dichlorobenzene	5.3	ug/Kg	U
SEE08301100JRP1	8/30/2010	1,3-Dichlorobenzene	5.3	ug/Kg	U
SEE10121040ARM1	10/12/2010	1,3-Dichlorobenzene	5.2	ug/Kg	U
SEF10121130PMB3	10/12/2010	1,3-Dichlorobenzene	5.2	ug/Kg	U
SEE09221045ARM1	9/22/2010	1,3-Dichlorobenzene	5.2	ug/Kg	U
SEE09100920JRP1	9/10/2010	1,3-Dichlorobenzene	5.1	ug/Kg	UJ
SEB08281400JLS1	8/28/2010	1,3-Dichlorobenzene	5.1	ug/kg	U
SEE09301025MAE1	9/30/2010	1,3-Dichlorobenzene	5.0	ug/Kg	UJ
SEE09051500JAW1	9/5/2010	1,3-Dichlorobenzene	5.0	ug/Kg	U
SEE10051145RCM1	10/5/2010	1,3-Dichlorobenzene	4.9	ug/Kg	UJ
SEE09070930JRP1	9/7/2010	1,3-Dichlorobenzene	4.9	ug/Kg	U
SEE10061135ARM1	10/6/2010	1,3-Dichlorobenzene	4.8	ug/Kg	U
SEE10181030JWP1	10/18/2010	1,3-Dichlorobenzene	4.6	ug/Kg	U
SEF09281139TDF1	9/28/2010	1,3-Dichlorobenzene	4.3	ug/Kg	U
SEE09231205RCM1	9/23/2010	1,3-Dichlorobenzene	3.3	ug/Kg	U
SEE08271445JRP1	8/27/2010	1,3-Dichlorobenzene	2.8	ug/kg	U
ML-07-S-082510	8/25/2010	1,3-Dichlorobenzene	0.73	mg/Kg	U
ML-03-S-082510	8/25/2010	1,3-Dichlorobenzene	0.43	mg/Kg	U
ML-06-S-082510	8/25/2010	1,3-Dichlorobenzene	0.42	mg/Kg	U
ML-07-S-082410	8/24/2010	1,3-Dichlorobenzene	0.41	mg/Kg	UJ
ML-06-S-082010	8/20/2010	1,3-Dichlorobenzene	0.38	mg/Kg	U
ML-08-S-082510	8/25/2010	1,3-Dichlorobenzene	0.37	mg/Kg	U
ML-08-S-082410	8/24/2010	1,3-Dichlorobenzene	0.37	mg/Kg	UJ
ML-06-S-082310	8/23/2010	1,3-Dichlorobenzene	0.37	mg/Kg	U
ML-07-S-082110	8/21/2010	1,3-Dichlorobenzene	0.37	mg/Kg	U
ML-08-S-082110	8/21/2010	1,3-Dichlorobenzene	0.37	mg/Kg	U
ML-10-S-082110	8/21/2010	1,3-Dichlorobenzene	0.37	mg/Kg	U
ML-10-S-082110	8/21/2010	1,3-Dichlorobenzene	0.37	mg/Kg	U
ML-10-S-081910	8/19/2010	1,3-Dichlorobenzene	0.37	mg/Kg	U
ML-10-S-081910	8/19/2010	1,3-Dichlorobenzene	0.37	mg/Kg	U
ML-07-S-081810	8/18/2010	1,3-Dichlorobenzene	0.37	mg/Kg	UJ
ML-09-S-081810	8/18/2010	1,3-Dichlorobenzene	0.37	mg/Kg	UJ
ML-10-S-082410	8/24/2010	1,3-Dichlorobenzene	0.36	mg/Kg	UJ
ML-10-S-082410	8/24/2010	1,3-Dichlorobenzene	0.36	mg/Kg	UJ
ML-01-S-081610	8/16/2010	1,3-Dichlorobenzene	0.35	mg/Kg	U
ML-10-S-081610	8/16/2010	1,3-Dichlorobenzene	0.35	mg/Kg	U
ML-10-S-081610	8/16/2010	1,3-Dichlorobenzene	0.35	mg/Kg	U
ML-04-S-082410	8/24/2010	1,3-Dichlorobenzene	0.34	mg/Kg	UJ
ML-03-S-082310	8/23/2010	1,3-Dichlorobenzene	0.34	mg/Kg	U
ML-10-S-082110-D	8/21/2010	1,3-Dichlorobenzene	0.34	mg/Kg	U
ML-10-S-082110-D	8/21/2010	1,3-Dichlorobenzene	0.34	mg/Kg	U
ML-07-S-081610	8/16/2010	1,3-Dichlorobenzene	0.34	mg/Kg	U
ML-08-S-081610-D	8/16/2010	1,3-Dichlorobenzene	0.34	mg/Kg	U
ML-04-S-082610	8/26/2010	1,3-Dichlorobenzene	0.33	mg/Kg	U
ML-05-S-082310	8/23/2010	1,3-Dichlorobenzene	0.33	mg/Kg	U
ML-05-S-082010	8/20/2010	1,3-Dichlorobenzene	0.33	mg/Kg	U
ML-10-S-082610	8/26/2010	1,3-Dichlorobenzene	0.32	mg/Kg	U
ML-10-S-082610	8/26/2010	1,3-Dichlorobenzene	0.32	mg/Kg	U
ML-06-S-081710	8/17/2010	1,3-Dichlorobenzene	0.32	mg/Kg	U
ML-08-S-081610	8/16/2010	1,3-Dichlorobenzene	0.32	mg/Kg	U
ML-01-S-082510	8/25/2010	1,3-Dichlorobenzene	0.31	mg/Kg	U
ML-09-S-082510	8/25/2010	1,3-Dichlorobenzene	0.31	mg/Kg	U
ML-09-S-082410	8/24/2010	1,3-Dichlorobenzene	0.31	mg/Kg	UJ
ML-02-S-081710	8/17/2010	1,3-Dichlorobenzene	0.31	mg/Kg	U

**TABLE B-2b**  
**Upstream Sediment Samples (Morrow Lake)**

Sample ID	Sample Date	Analyte	Result	Unit	Data Qualifier
ML-02-S-082510	8/25/2010	1,3-Dichlorobenzene	0.28	mg/Kg	U
ML-09-S-082110	8/21/2010	1,3-Dichlorobenzene	0.28	mg/Kg	U
ML-01-S-082110	8/21/2010	1,3-Dichlorobenzene	0.27	mg/Kg	U
ML-04-S-081710	8/17/2010	1,3-Dichlorobenzene	0.27	mg/Kg	U
ML-05-S-081710	8/17/2010	1,3-Dichlorobenzene	0.27	mg/Kg	U
ML-02-S-082310	8/23/2010	1,3-Dichlorobenzene	0.25	mg/Kg	U
ML-04-S-082010	8/20/2010	1,3-Dichlorobenzene	0.25	mg/Kg	U
ML-01-S-081910	8/19/2010	1,3-Dichlorobenzene	0.25	mg/Kg	U
ML-02-S-082010	8/20/2010	1,3-Dichlorobenzene	0.22	mg/Kg	U
ML-03-S-081610	8/16/2010	1,3-Dichlorobenzene	0.22	mg/Kg	U
ML-03-S-082010	8/20/2010	1,3-Dichlorobenzene	0.19	mg/Kg	U
ML-05-S-082610	8/26/2010	1,3-Dichlorobenzene	0.17	mg/Kg	U
SEE09051430PML1	9/5/2010	1,4-Dichlorobenzene	3000	ug/Kg	U
SEE09011635PML1	9/1/2010	1,4-Dichlorobenzene	3000	ug/Kg	U
SEE10211035JDF1	10/21/2010	1,4-Dichlorobenzene	960	ug/Kg	UJ
SEE10051125PML1	10/5/2010	1,4-Dichlorobenzene	930	ug/Kg	UJ
SEE09061500PML1	9/6/2010	1,4-Dichlorobenzene	920	ug/Kg	U
SEE09021400PML1	9/2/2010	1,4-Dichlorobenzene	920	ug/Kg	U
SEE09301105JDF1	9/30/2010	1,4-Dichlorobenzene	910	ug/Kg	U
SEE08301130PML1	8/30/2010	1,4-Dichlorobenzene	910	ug/Kg	U
SEE10191005JDF1	10/19/2010	1,4-Dichlorobenzene	880	ug/Kg	U
SEE10171410JDF1	10/17/2010	1,4-Dichlorobenzene	880	ug/Kg	UJ
SEE09181235PML1	9/18/2010	1,4-Dichlorobenzene	880	ug/Kg	UJ
SEE09101022PML1	9/10/2010	1,4-Dichlorobenzene	880	ug/Kg	UJ
SEE09011545PML1	9/1/2010	1,4-Dichlorobenzene	870	ug/Kg	U
SEE10211430JDF1	10/21/2010	1,4-Dichlorobenzene	860	ug/Kg	U
SEE09231645JDF1	9/23/2010	1,4-Dichlorobenzene	860	ug/Kg	U
SEE09141135PML1	9/14/2010	1,4-Dichlorobenzene	860	ug/Kg	UJ
SEE09091410RCM1	9/9/2010	1,4-Dichlorobenzene	860	ug/Kg	U
SEE10081115PML1	10/8/2010	1,4-Dichlorobenzene	850	ug/Kg	UJ
SEE09121105RCM1	9/12/2010	1,4-Dichlorobenzene	850	ug/Kg	UJ
SEE09101215PML1	9/10/2010	1,4-Dichlorobenzene	850	ug/Kg	UJ
SEE09081020RCM1	9/8/2010	1,4-Dichlorobenzene	850	ug/Kg	U
SEE09031645MHS1	9/3/2010	1,4-Dichlorobenzene	850	ug/Kg	U
SEE09011545MHS1	9/1/2010	1,4-Dichlorobenzene	850	ug/Kg	U
SEE08311420PML1	8/31/2010	1,4-Dichlorobenzene	850	ug/Kg	U
SEE08311420PML1	8/31/2010	1,4-Dichlorobenzene	850	ug/Kg	U
SEE10131150JDF1	10/13/2010	1,4-Dichlorobenzene	840	ug/Kg	U
SEE09301255JDF1	9/30/2010	1,4-Dichlorobenzene	840	ug/Kg	U
SEE10221110JDF1	10/22/2010	1,4-Dichlorobenzene	830	ug/Kg	U
SEE10221110JDF1	10/22/2010	1,4-Dichlorobenzene	830	ug/Kg	U
SEE09030925PML1	9/3/2010	1,4-Dichlorobenzene	830	ug/Kg	U
SEE10191515JDF1	10/19/2010	1,4-Dichlorobenzene	820	ug/Kg	U
SEE10091401PML1	10/9/2010	1,4-Dichlorobenzene	820	ug/Kg	UJ
SEE09051550MHS1	9/5/2010	1,4-Dichlorobenzene	820	ug/Kg	U
SEE09291023RCM1	9/29/2010	1,4-Dichlorobenzene	810	ug/Kg	UJ
SEE09121436RCM1	9/12/2010	1,4-Dichlorobenzene	810	ug/Kg	UJ
SEE09021010PML1	9/2/2010	1,4-Dichlorobenzene	810	ug/Kg	U
SEE10041530JDF1	10/4/2010	1,4-Dichlorobenzene	800	ug/Kg	UJ
SEE09101625PML1	9/10/2010	1,4-Dichlorobenzene	800	ug/Kg	UJ
SEE09061525MHS1	9/6/2010	1,4-Dichlorobenzene	800	ug/Kg	U
SEE09031100PML1	9/3/2010	1,4-Dichlorobenzene	800	ug/Kg	U
SEE08301638MHS1	8/30/2010	1,4-Dichlorobenzene	800	ug/Kg	U
SEE10191415JDF1	10/19/2010	1,4-Dichlorobenzene	790	ug/Kg	U
SEE10181035JDF1	10/18/2010	1,4-Dichlorobenzene	790	ug/Kg	U
SEE10091614PML1	10/9/2010	1,4-Dichlorobenzene	790	ug/Kg	UJ
SEE10051653PML1	10/5/2010	1,4-Dichlorobenzene	790	ug/Kg	UJ
SEE09231210JDF1	9/23/2010	1,4-Dichlorobenzene	790	ug/Kg	U
SEE09141515PML1	9/14/2010	1,4-Dichlorobenzene	790	ug/Kg	UJ
SEE09131026RCM1	9/13/2010	1,4-Dichlorobenzene	790	ug/Kg	U

**TABLE B-2b**  
**Upstream Sediment Samples (Morrow Lake)**

Sample ID	Sample Date	Analyte	Result	Unit	Data Qualifier
SEE09051130PML1	9/5/2010	1,4-Dichlorobenzene	790	ug/Kg	U
SEE08301550PML1	8/30/2010	1,4-Dichlorobenzene	790	ug/Kg	U
SEE10191155JDF1	10/19/2010	1,4-Dichlorobenzene	780	ug/Kg	U
SEE10171115JDF1	10/17/2010	1,4-Dichlorobenzene	780	ug/Kg	UJ
SEE10141015JDF1	10/14/2010	1,4-Dichlorobenzene	780	ug/Kg	UJ
SEE09220935RCM1	9/22/2010	1,4-Dichlorobenzene	780	ug/Kg	U
SEE09191445RCM1	9/19/2010	1,4-Dichlorobenzene	780	ug/Kg	U
SEE09161045PML1	9/16/2010	1,4-Dichlorobenzene	780	ug/Kg	UJ
SEE09071050PML1	9/7/2010	1,4-Dichlorobenzene	780	ug/Kg	UJ
SEE10211010JWP1	10/21/2010	1,4-Dichlorobenzene	770	ug/Kg	U
SEE10181510JDF1	10/18/2010	1,4-Dichlorobenzene	770	ug/Kg	U
SEE10181510JDF1	10/18/2010	1,4-Dichlorobenzene	770	ug/Kg	U
SEE10061205PML1	10/6/2010	1,4-Dichlorobenzene	770	ug/Kg	UJ
SEE10031115JDF1	10/3/2010	1,4-Dichlorobenzene	770	ug/Kg	UJ
SEE10031115JDF1	10/3/2010	1,4-Dichlorobenzene	770	ug/Kg	UJ
SEE09171415PML1	9/17/2010	1,4-Dichlorobenzene	770	ug/Kg	UJ
SEE09140945PML1	9/14/2010	1,4-Dichlorobenzene	770	ug/Kg	UJ
SEE09131445RCM1	9/13/2010	1,4-Dichlorobenzene	770	ug/Kg	U
SEE09131505PML1	9/13/2010	1,4-Dichlorobenzene	770	ug/Kg	U
SEE08301145MHS1	8/30/2010	1,4-Dichlorobenzene	770	ug/Kg	U
SEE10141555ARM1	10/14/2010	1,4-Dichlorobenzene	760	ug/Kg	UJ
SEE10101215PML1	10/10/2010	1,4-Dichlorobenzene	760	ug/Kg	U
SEE10101215PML1	10/10/2010	1,4-Dichlorobenzene	760	ug/Kg	U
SEE09170839RCM1	9/17/2010	1,4-Dichlorobenzene	760	ug/Kg	UJ
SEE09081205PML1	9/8/2010	1,4-Dichlorobenzene	760	ug/Kg	U
SEE09031140MHS1	9/3/2010	1,4-Dichlorobenzene	760	ug/Kg	U
SEE10061051RCM1	10/6/2010	1,4-Dichlorobenzene	750	ug/Kg	UJ
SEE10041138RCM1	10/4/2010	1,4-Dichlorobenzene	750	ug/Kg	UJ
SEE09251135JDF1	9/25/2010	1,4-Dichlorobenzene	750	ug/Kg	UJ
SEE09200945PML1	9/20/2010	1,4-Dichlorobenzene	750	ug/Kg	U
SEE09200945PML1	9/20/2010	1,4-Dichlorobenzene	750	ug/Kg	U
SEE09191040PML1	9/19/2010	1,4-Dichlorobenzene	750	ug/Kg	U
SEE09181705PML1	9/18/2010	1,4-Dichlorobenzene	750	ug/Kg	UJ
SEE09091005RCM1	9/9/2010	1,4-Dichlorobenzene	750	ug/Kg	U
SEE09061105PML1	9/6/2010	1,4-Dichlorobenzene	750	ug/Kg	U
SEE09031650PML1	9/3/2010	1,4-Dichlorobenzene	750	ug/Kg	U
SEE09031650PML1	9/3/2010	1,4-Dichlorobenzene	750	ug/Kg	U
SEE10191100JDF1	10/19/2010	1,4-Dichlorobenzene	740	ug/Kg	U
SEE10141150JDF1	10/14/2010	1,4-Dichlorobenzene	740	ug/Kg	UJ
SEE10101010PML1	10/10/2010	1,4-Dichlorobenzene	740	ug/Kg	U
SEE10081051RCM1	10/8/2010	1,4-Dichlorobenzene	740	ug/Kg	UJ
SEE09261625JDF1	9/26/2010	1,4-Dichlorobenzene	740	ug/Kg	UJ
SEE09261625JDF1	9/26/2010	1,4-Dichlorobenzene	740	ug/Kg	UJ
SEE09191530PML1	9/19/2010	1,4-Dichlorobenzene	740	ug/Kg	U
SEE09151145PML1	9/15/2010	1,4-Dichlorobenzene	740	ug/Kg	U
SEE09151145PML1	9/15/2010	1,4-Dichlorobenzene	740	ug/Kg	U
SEE09121055PML1	9/12/2010	1,4-Dichlorobenzene	740	ug/Kg	UJ
SEE09121055PML1	9/12/2010	1,4-Dichlorobenzene	740	ug/Kg	UJ
SEE09091515PML1	9/9/2010	1,4-Dichlorobenzene	740	ug/Kg	U
SEE09081010PML1	9/8/2010	1,4-Dichlorobenzene	740	ug/Kg	U
SEE08311045PML1	8/31/2010	1,4-Dichlorobenzene	740	ug/Kg	U
SEE10161530JDF1	10/16/2010	1,4-Dichlorobenzene	730	ug/Kg	U
SEE10141550JDF1	10/14/2010	1,4-Dichlorobenzene	730	ug/Kg	UJ
SEE10141550JDF1	10/14/2010	1,4-Dichlorobenzene	730	ug/Kg	UJ
SEE10121155JDF1	10/12/2010	1,4-Dichlorobenzene	730	ug/Kg	UJ
SEE10011120JDF1	10/1/2010	1,4-Dichlorobenzene	730	ug/Kg	UJ
SEE09260930RCM1	9/26/2010	1,4-Dichlorobenzene	730	ug/Kg	UJ
SEE09230955RCM1	9/23/2010	1,4-Dichlorobenzene	730	ug/Kg	U
SEE09151015PML1	9/15/2010	1,4-Dichlorobenzene	730	ug/Kg	U
SEE09111015PML1	9/11/2010	1,4-Dichlorobenzene	730	ug/Kg	UJ

**TABLE B-2b**  
**Upstream Sediment Samples (Morrow Lake)**

Sample ID	Sample Date	Analyte	Result	Unit	Data Qualifier
SEE10181210JDF1	10/18/2010	1,4-Dichlorobenzene	720	ug/Kg	U
SEE10150945JDF1	10/15/2010	1,4-Dichlorobenzene	720	ug/Kg	U
SEE10120930JDF1	10/12/2010	1,4-Dichlorobenzene	720	ug/Kg	UJ
SEE10081231PML1	10/8/2010	1,4-Dichlorobenzene	720	ug/Kg	UJ
SEE10071042RCM1	10/7/2010	1,4-Dichlorobenzene	720	ug/Kg	U
SEE10071101PML1	10/7/2010	1,4-Dichlorobenzene	720	ug/Kg	U
SEE09261215JDF1	9/26/2010	1,4-Dichlorobenzene	720	ug/Kg	UJ
SEE09011050PML1	9/1/2010	1,4-Dichlorobenzene	720	ug/Kg	U
SEE10221055DWS1	10/22/2010	1,4-Dichlorobenzene	710	ug/Kg	U
SEE09221440JDF1	9/22/2010	1,4-Dichlorobenzene	710	ug/Kg	U
SEE09040950PML1	9/4/2010	1,4-Dichlorobenzene	710	ug/Kg	U
SEE10181430JWP1	10/18/2010	1,4-Dichlorobenzene	700	ug/Kg	U
SEE10161115ARM1	10/16/2010	1,4-Dichlorobenzene	700	ug/Kg	U
SEE10061640PML1	10/6/2010	1,4-Dichlorobenzene	700	ug/Kg	UJ
SEE10061640PML1	10/6/2010	1,4-Dichlorobenzene	700	ug/Kg	UJ
SEE09301205RCM1	9/30/2010	1,4-Dichlorobenzene	700	ug/Kg	U
SEE09211155JDF1	9/21/2010	1,4-Dichlorobenzene	700	ug/Kg	UJ
SEE09201115RCM1	9/20/2010	1,4-Dichlorobenzene	700	ug/Kg	U
SEE09171445RCM1	9/17/2010	1,4-Dichlorobenzene	700	ug/Kg	UJ
SEE09161035RCM1	9/16/2010	1,4-Dichlorobenzene	700	ug/Kg	UJ
SEE10191010JWP1	10/19/2010	1,4-Dichlorobenzene	690	ug/Kg	U
SEE10041150JDF1	10/4/2010	1,4-Dichlorobenzene	690	ug/Kg	UJ
SEE09121450PML1	9/12/2010	1,4-Dichlorobenzene	690	ug/Kg	UJ
SEE08301520JRP1	8/30/2010	1,4-Dichlorobenzene	690	ug/Kg	U
SEE10111125JDF1	10/11/2010	1,4-Dichlorobenzene	680	ug/Kg	U
SEE09271130JDF1	9/27/2010	1,4-Dichlorobenzene	680	ug/Kg	U
SEE09131620PML1	9/13/2010	1,4-Dichlorobenzene	680	ug/Kg	UJ
SEE09061130MHS1	9/6/2010	1,4-Dichlorobenzene	680	ug/Kg	U
SEE08261445JRP1	8/26/2010	1,4-Dichlorobenzene	680	ug/Kg	U
SEE10031425JDF1	10/3/2010	1,4-Dichlorobenzene	670	ug/Kg	UJ
SEE09291035JDF1	9/29/2010	1,4-Dichlorobenzene	670	ug/Kg	UJ
SEE09250905RCM1	9/25/2010	1,4-Dichlorobenzene	670	ug/Kg	UJ
SEE09211530JDF1	9/21/2010	1,4-Dichlorobenzene	670	ug/Kg	UJ
SEE09131125PML1	9/13/2010	1,4-Dichlorobenzene	670	ug/Kg	U
SEE09091605PML1	9/9/2010	1,4-Dichlorobenzene	670	ug/Kg	U
SEE09041350PML1	9/4/2010	1,4-Dichlorobenzene	670	ug/Kg	U
SEE09011255PML1	9/1/2010	1,4-Dichlorobenzene	670	ug/Kg	U
SEE09170945PML1	9/17/2010	1,4-Dichlorobenzene	660	ug/Kg	UJ
SEE09091145PML1	9/9/2010	1,4-Dichlorobenzene	660	ug/Kg	U
SEE08301445JRP1	8/30/2010	1,4-Dichlorobenzene	660	ug/Kg	U
SEE09091410PML1	9/9/2010	1,4-Dichlorobenzene	650	ug/Kg	U
SEE09171125PML1	9/17/2010	1,4-Dichlorobenzene	640	ug/Kg	UJ
SEE09051015PML1	9/5/2010	1,4-Dichlorobenzene	640	ug/Kg	U
SEE10161415JDF1	10/16/2010	1,4-Dichlorobenzene	630	ug/Kg	U
SEE10111011JDF1	10/11/2010	1,4-Dichlorobenzene	630	ug/Kg	U
SEE09130940PML1	9/13/2010	1,4-Dichlorobenzene	630	ug/Kg	U
SEE08301015JRP1	8/30/2010	1,4-Dichlorobenzene	630	ug/Kg	U
SEE10211035JDF1	10/21/2010	1,4-Dichlorobenzene	620	ug/Kg	U
SEE10121415ARM1	10/12/2010	1,4-Dichlorobenzene	620	ug/Kg	UJ
SEE10071540PML1	10/7/2010	1,4-Dichlorobenzene	620	ug/Kg	U
SEE09031115JAW1	9/3/2010	1,4-Dichlorobenzene	620	ug/Kg	U
SEE08301530JAW1	8/30/2010	1,4-Dichlorobenzene	620	ug/Kg	U
SEE10161055JDF1	10/16/2010	1,4-Dichlorobenzene	610	ug/Kg	U
SEE10071205PML1	10/7/2010	1,4-Dichlorobenzene	610	ug/Kg	U
SEE09271515JDF1	9/27/2010	1,4-Dichlorobenzene	610	ug/Kg	U
SEE09211112RCM1	9/21/2010	1,4-Dichlorobenzene	610	ug/Kg	UJ
SEE09201645ARM1	9/20/2010	1,4-Dichlorobenzene	610	ug/Kg	U
SEE09171530PML1	9/17/2010	1,4-Dichlorobenzene	610	ug/Kg	UJ
SEE09091010PML1	9/9/2010	1,4-Dichlorobenzene	610	ug/Kg	U
SEE09091025JRP1	9/9/2010	1,4-Dichlorobenzene	610	ug/Kg	U



**TABLE B-2b**  
**Upstream Sediment Samples (Morrow Lake)**

Sample ID	Sample Date	Analyte	Result	Unit	Data Qualifier
SEE10111350JDF1	10/11/2010	1,4-Dichlorobenzene	600	ug/Kg	U
SEE09290925JDF1	9/29/2010	1,4-Dichlorobenzene	600	ug/Kg	UJ
SEE09221105JDF1	9/22/2010	1,4-Dichlorobenzene	600	ug/Kg	U
SEE09221615JDF1	9/22/2010	1,4-Dichlorobenzene	600	ug/Kg	U
SEE10151055ARM1	10/15/2010	1,4-Dichlorobenzene	590	ug/Kg	U
SEE09301255MAE1	9/30/2010	1,4-Dichlorobenzene	590	ug/Kg	U
SEE09011145PML1	9/1/2010	1,4-Dichlorobenzene	590	ug/Kg	U
SEE10041050JDF1	10/4/2010	1,4-Dichlorobenzene	580	ug/Kg	UJ
SEE09231130ARM1	9/23/2010	1,4-Dichlorobenzene	580	ug/Kg	U
SEE10121030JDF1	10/12/2010	1,4-Dichlorobenzene	570	ug/Kg	UJ
SEE10041335JDF1	10/4/2010	1,4-Dichlorobenzene	570	ug/Kg	UJ
SEE09271025ARM1	9/27/2010	1,4-Dichlorobenzene	570	ug/Kg	U
SEE10191515JDF1	10/19/2010	1,4-Dichlorobenzene	560	ug/Kg	U
SEE10040945JDF1	10/4/2010	1,4-Dichlorobenzene	560	ug/Kg	UJ
SEE09130955JRP1	9/13/2010	1,4-Dichlorobenzene	560	ug/Kg	U
SEE09291645JDF1	9/29/2010	1,4-Dichlorobenzene	550	ug/Kg	UJ
SEE10211430JDF1	10/21/2010	1,4-Dichlorobenzene	540	ug/Kg	U
SEE10191005JDF1	10/19/2010	1,4-Dichlorobenzene	540	ug/Kg	U
SEE10221110JDF1	10/22/2010	1,4-Dichlorobenzene	530	ug/Kg	U
SEE10221110JDF1	10/22/2010	1,4-Dichlorobenzene	530	ug/Kg	U
SEE09141312RCM1	9/14/2010	1,4-Dichlorobenzene	530	ug/Kg	UJ
SEE10191415JDF1	10/19/2010	1,4-Dichlorobenzene	510	ug/Kg	U
SEE10191155JDF1	10/19/2010	1,4-Dichlorobenzene	490	ug/Kg	U
SEE10151355ARM1	10/15/2010	1,4-Dichlorobenzene	480	ug/Kg	U
SEE10041355ARM1	10/4/2010	1,4-Dichlorobenzene	480	ug/Kg	UJ
SEE10211010JWP1	10/21/2010	1,4-Dichlorobenzene	470	ug/Kg	U
SEE10191100JDF1	10/19/2010	1,4-Dichlorobenzene	470	ug/Kg	U
SEE09090900JRP1	9/9/2010	1,4-Dichlorobenzene	470	ug/Kg	U
SEE08311010JRP1	8/31/2010	1,4-Dichlorobenzene	470	ug/Kg	U
SEE08311348MHS1	8/31/2010	1,4-Dichlorobenzene	470	ug/Kg	U
SEE10170915JDF1	10/17/2010	1,4-Dichlorobenzene	460	ug/Kg	UJ
SEE10071415ARM1	10/7/2010	1,4-Dichlorobenzene	460	ug/Kg	U
SEE09291135JDF1	9/29/2010	1,4-Dichlorobenzene	460	ug/Kg	UJ
SEE10221055DWS1	10/22/2010	1,4-Dichlorobenzene	450	ug/Kg	U
SEE10191010JWP1	10/19/2010	1,4-Dichlorobenzene	450	ug/Kg	U
SEE10071151RCM1	10/7/2010	1,4-Dichlorobenzene	430	ug/Kg	U
SEE08300920JRP1	8/30/2010	1,4-Dichlorobenzene	410	ug/Kg	U
SEE10221450DWS1	10/22/2010	1,4-Dichlorobenzene	390	ug/Kg	U
SEE09051500MHS1	9/5/2010	1,4-Dichlorobenzene	380	ug/Kg	U
SEE10141025ARM1	10/14/2010	1,4-Dichlorobenzene	370	ug/Kg	UJ
SEE10211345JWP1	10/21/2010	1,4-Dichlorobenzene	330	ug/Kg	U
SEE10091200ARM1	10/9/2010	1,4-Dichlorobenzene	330	ug/Kg	UJ
SEE09130915JRP1	9/13/2010	1,4-Dichlorobenzene	330	ug/Kg	U
SEE08271145RCM1	8/27/2010	1,4-Dichlorobenzene	310	ug/kg	U
SEE09061610JAW1	9/6/2010	1,4-Dichlorobenzene	290	ug/Kg	U
SEE10141015JDF1	10/14/2010	1,4-Dichlorobenzene	280	ug/Kg	U
SEE10051415ARM1	10/5/2010	1,4-Dichlorobenzene	280	ug/Kg	UJ
SEE10171535ARM1	10/17/2010	1,4-Dichlorobenzene	270	ug/Kg	UJ
SEE08261620RCM1	8/26/2010	1,4-Dichlorobenzene	270	ug/kg	U
SEE08261700JRP1	8/26/2010	1,4-Dichlorobenzene	270	ug/Kg	U
SEE09100945RCM1	9/10/2010	1,4-Dichlorobenzene	260	ug/Kg	UJ
SEE08301410JRP1	8/30/2010	1,4-Dichlorobenzene	260	ug/Kg	U
SEE10011125ARM1	10/1/2010	1,4-Dichlorobenzene	250	ug/Kg	UJ
SEE09211120ARM1	9/21/2010	1,4-Dichlorobenzene	250	ug/Kg	UJ
SEE09201110ARM1	9/20/2010	1,4-Dichlorobenzene	250	ug/Kg	U
SEE10221450DWS1	10/22/2010	1,4-Dichlorobenzene	240	ug/Kg	U
SEF10221050MAE3	10/22/2010	1,4-Dichlorobenzene	240	ug/Kg	U
SEF10191135NAC3	10/19/2010	1,4-Dichlorobenzene	240	ug/Kg	U
SEE10081035ARM1	10/8/2010	1,4-Dichlorobenzene	240	ug/Kg	UJ
SEE09171200ARM1	9/17/2010	1,4-Dichlorobenzene	240	ug/Kg	UJ

**TABLE B-2b**  
**Upstream Sediment Samples (Morrow Lake)**

Sample ID	Sample Date	Analyte	Result	Unit	Data Qualifier
SEF10011045TDF1	10/1/2010	1,4-Dichlorobenzene	230	ug/Kg	UJ
SEE09290915MAE1	9/29/2010	1,4-Dichlorobenzene	230	ug/Kg	UJ
SEE09271500ARM1	9/27/2010	1,4-Dichlorobenzene	230	ug/Kg	U
SEE09231205RCM1	9/23/2010	1,4-Dichlorobenzene	230	ug/Kg	U
SEE09200911RCM1	9/20/2010	1,4-Dichlorobenzene	230	ug/Kg	U
SEE09140945JRP1	9/14/2010	1,4-Dichlorobenzene	230	ug/Kg	UJ
SEE08261420RCM1	8/26/2010	1,4-Dichlorobenzene	230	ug/kg	U
SEE10211345JWP1	10/21/2010	1,4-Dichlorobenzene	220	ug/Kg	U
SEF10081108TDF3	10/8/2010	1,4-Dichlorobenzene	220	ug/Kg	UJ
SEE10071045ARM1	10/7/2010	1,4-Dichlorobenzene	220	ug/Kg	U
SEE10041045ARM1	10/4/2010	1,4-Dichlorobenzene	220	ug/Kg	UJ
SEE10011043RCM1	10/1/2010	1,4-Dichlorobenzene	220	ug/Kg	UJ
SEE09281445RCM1	9/28/2010	1,4-Dichlorobenzene	220	ug/Kg	U
SEE09251235ARM1	9/25/2010	1,4-Dichlorobenzene	220	ug/Kg	UJ
SEE09231035ARM1	9/23/2010	1,4-Dichlorobenzene	220	ug/Kg	U
SEE09170935RCM1	9/17/2010	1,4-Dichlorobenzene	220	ug/Kg	UJ
SEE09150915JRP1	9/15/2010	1,4-Dichlorobenzene	220	ug/Kg	U
SEE09070930JRP1	9/7/2010	1,4-Dichlorobenzene	220	ug/Kg	UJ
SEB09011143JLS1	9/1/2010	1,4-Dichlorobenzene	220	ug/Kg	U
SEE08301100JRP1	8/30/2010	1,4-Dichlorobenzene	220	ug/Kg	U
SEE10191115JWP1	10/19/2010	1,4-Dichlorobenzene	210	ug/Kg	U
SEF10151030PMB3	10/15/2010	1,4-Dichlorobenzene	210	ug/Kg	U
SEF10121130PMB3	10/12/2010	1,4-Dichlorobenzene	210	ug/Kg	UJ
SEE10061135ARM1	10/6/2010	1,4-Dichlorobenzene	210	ug/Kg	UJ
SEF10051206TDF3	10/5/2010	1,4-Dichlorobenzene	210	ug/Kg	UJ
SEE09100920JRP1	9/10/2010	1,4-Dichlorobenzene	210	ug/Kg	UJ
SEE09051500JAW1	9/5/2010	1,4-Dichlorobenzene	210	ug/Kg	U
SEE10131035ARM1	10/13/2010	1,4-Dichlorobenzene	200	ug/Kg	U
SEE10121040ARM1	10/12/2010	1,4-Dichlorobenzene	200	ug/Kg	UJ
SEE10051145RCM1	10/5/2010	1,4-Dichlorobenzene	200	ug/Kg	UJ
SEE09301025MAE1	9/30/2010	1,4-Dichlorobenzene	200	ug/Kg	U
SEF09281139TDF1	9/28/2010	1,4-Dichlorobenzene	200	ug/Kg	U
SEE09221045ARM1	9/22/2010	1,4-Dichlorobenzene	200	ug/Kg	U
SEE09080930JRP1	9/8/2010	1,4-Dichlorobenzene	200	ug/Kg	U
SEE09011515JAW1	9/1/2010	1,4-Dichlorobenzene	200	ug/Kg	U
SEE10181030JWP1	10/18/2010	1,4-Dichlorobenzene	190	ug/Kg	U
SEE08281607TWH1	8/28/2010	1,4-Dichlorobenzene	160	ug/kg	UJ
SEE08281630RCM1	8/28/2010	1,4-Dichlorobenzene	160	ug/kg	UJ
SEF10221050MAE3	10/22/2010	1,4-Dichlorobenzene	150	ug/Kg	U
SEF10191135NAC3	10/19/2010	1,4-Dichlorobenzene	150	ug/Kg	U
SEE08281505PML1	8/28/2010	1,4-Dichlorobenzene	140	ug/kg	UJ
SEE08271215PML1	8/27/2010	1,4-Dichlorobenzene	140	ug/kg	U
SEE10191115JWP1	10/19/2010	1,4-Dichlorobenzene	130	ug/Kg	U
SEE08271500PML1	8/27/2010	1,4-Dichlorobenzene	130	ug/kg	U
SEE08271614TWH1	8/27/2010	1,4-Dichlorobenzene	130	ug/kg	U
SEE08291110PML1	8/29/2010	1,4-Dichlorobenzene	110	ug/kg	U
SEE08281215PML1	8/28/2010	1,4-Dichlorobenzene	110	ug/kg	U
SEE08281420TWH1	8/28/2010	1,4-Dichlorobenzene	110	ug/kg	UJ
SEE08281510TWH1	8/28/2010	1,4-Dichlorobenzene	100	ug/kg	UJ
SEE08291421KAP1	8/29/2010	1,4-Dichlorobenzene	97	ug/kg	U
SEE08271652TWH1	8/27/2010	1,4-Dichlorobenzene	95	ug/kg	U
SEE08291550KAP1	8/29/2010	1,4-Dichlorobenzene	78	ug/kg	U
SEE08291354KAP1	8/29/2010	1,4-Dichlorobenzene	63	ug/kg	U
SEE09200945PML1	9/20/2010	1,4-Dichlorobenzene	60	ug/Kg	U
SEE09200945PML1	9/20/2010	1,4-Dichlorobenzene	60	ug/Kg	U
SEE09201115RCM1	9/20/2010	1,4-Dichlorobenzene	58	ug/Kg	U
SEE08291445PML1	8/29/2010	1,4-Dichlorobenzene	52	ug/kg	U
SEE09201645ARM1	9/20/2010	1,4-Dichlorobenzene	48	ug/Kg	U
SEE10071042RCM1	10/7/2010	1,4-Dichlorobenzene	45	ug/Kg	UJ
SEE09061500PML1	9/6/2010	1,4-Dichlorobenzene	45	ug/Kg	U

**TABLE B-2b**  
**Upstream Sediment Samples (Morrow Lake)**

Sample ID	Sample Date	Analyte	Result	Unit	Data Qualifier
SEE08281607TWH1	8/28/2010	1,4-Dichlorobenzene	44	ug/kg	U
SEE08271445JRP1	8/27/2010	1,4-Dichlorobenzene	43	ug/kg	U
SEE09301105JDF1	9/30/2010	1,4-Dichlorobenzene	42	ug/Kg	UJ
SEE09181705PML1	9/18/2010	1,4-Dichlorobenzene	42	ug/Kg	U
SEE08271536TWH1	8/27/2010	1,4-Dichlorobenzene	42	ug/kg	U
SEE09021400PML1	9/2/2010	1,4-Dichlorobenzene	41	ug/Kg	U
SEE08301130PML1	8/30/2010	1,4-Dichlorobenzene	41	ug/Kg	U
SEE10091401PML1	10/9/2010	1,4-Dichlorobenzene	40	ug/Kg	U
SEB08281400JLS1	8/28/2010	1,4-Dichlorobenzene	40	ug/kg	UJ
SEE10181035JDF1	10/18/2010	1,4-Dichlorobenzene	39	ug/Kg	U
SEE10051125PML1	10/5/2010	1,4-Dichlorobenzene	39	ug/Kg	UJ
SEE08311045PML1	8/31/2010	1,4-Dichlorobenzene	39	ug/Kg	UJ
SEE08281540JRP1	8/28/2010	1,4-Dichlorobenzene	39	ug/kg	U
SEE10141555ARM1	10/14/2010	1,4-Dichlorobenzene	38	ug/Kg	U
SEE09101215PML1	9/10/2010	1,4-Dichlorobenzene	38	ug/Kg	UJ
SEE10161530JDF1	10/16/2010	1,4-Dichlorobenzene	37	ug/Kg	U
SEE10081115PML1	10/8/2010	1,4-Dichlorobenzene	37	ug/Kg	UJ
SEE09030925PML1	9/3/2010	1,4-Dichlorobenzene	37	ug/Kg	UJ
SEE09031115JAW1	9/3/2010	1,4-Dichlorobenzene	37	ug/Kg	UJ
SEE08281505PML1	8/28/2010	1,4-Dichlorobenzene	37	ug/kg	UJ
SEE10171410JDF1	10/17/2010	1,4-Dichlorobenzene	36	ug/Kg	U
SEE09191530PML1	9/19/2010	1,4-Dichlorobenzene	36	ug/Kg	U
SEE09181235PML1	9/18/2010	1,4-Dichlorobenzene	36	ug/Kg	U
SEE09141135PML1	9/14/2010	1,4-Dichlorobenzene	36	ug/Kg	UJ
SEE09101022PML1	9/10/2010	1,4-Dichlorobenzene	36	ug/Kg	UJ
SEE10171115JDF1	10/17/2010	1,4-Dichlorobenzene	35	ug/Kg	U
SEE08311420PML1	8/31/2010	1,4-Dichlorobenzene	35	ug/Kg	UJ
SEE08311420PML1	8/31/2010	1,4-Dichlorobenzene	35	ug/Kg	UJ
SEE08271215PML1	8/27/2010	1,4-Dichlorobenzene	35	ug/kg	U
SEE10041530JDF1	10/4/2010	1,4-Dichlorobenzene	34	ug/Kg	UJ
SEE09121105RCM1	9/12/2010	1,4-Dichlorobenzene	34	ug/Kg	U
SEE09011545PML1	9/1/2010	1,4-Dichlorobenzene	34	ug/Kg	U
SEE08301550PML1	8/30/2010	1,4-Dichlorobenzene	34	ug/Kg	U
SEE10181210JDF1	10/18/2010	1,4-Dichlorobenzene	33	ug/Kg	U
SEE10181430JWP1	10/18/2010	1,4-Dichlorobenzene	33	ug/Kg	U
SEE10181510JDF1	10/18/2010	1,4-Dichlorobenzene	33	ug/Kg	U
SEE10181510JDF1	10/18/2010	1,4-Dichlorobenzene	33	ug/Kg	U
SEE10131150JDF1	10/13/2010	1,4-Dichlorobenzene	33	ug/Kg	U
SEE10101010PML1	10/10/2010	1,4-Dichlorobenzene	33	ug/Kg	U
SEE10101215PML1	10/10/2010	1,4-Dichlorobenzene	33	ug/Kg	U
SEE10101215PML1	10/10/2010	1,4-Dichlorobenzene	33	ug/Kg	U
SEE09140945PML1	9/14/2010	1,4-Dichlorobenzene	33	ug/Kg	UJ
SEE09061525MHS1	9/6/2010	1,4-Dichlorobenzene	33	ug/Kg	U
SEE09051130PML1	9/5/2010	1,4-Dichlorobenzene	33	ug/Kg	U
SEE09031100PML1	9/3/2010	1,4-Dichlorobenzene	33	ug/Kg	UJ
SEE09021010PML1	9/2/2010	1,4-Dichlorobenzene	33	ug/Kg	U
SEE08281630RCM1	8/28/2010	1,4-Dichlorobenzene	33	ug/kg	UJ
SEE10031115JDF1	10/3/2010	1,4-Dichlorobenzene	32	ug/Kg	U
SEE10031115JDF1	10/3/2010	1,4-Dichlorobenzene	32	ug/Kg	U
SEE09301205RCM1	9/30/2010	1,4-Dichlorobenzene	32	ug/Kg	UJ
SEE09301255JDF1	9/30/2010	1,4-Dichlorobenzene	32	ug/Kg	UJ
SEE09231645JDF1	9/23/2010	1,4-Dichlorobenzene	32	ug/Kg	U
SEE09141515PML1	9/14/2010	1,4-Dichlorobenzene	32	ug/Kg	UJ
SEE09101625PML1	9/10/2010	1,4-Dichlorobenzene	32	ug/Kg	UJ
SEE09091005RCM1	9/9/2010	1,4-Dichlorobenzene	32	ug/Kg	U
SEE09061105PML1	9/6/2010	1,4-Dichlorobenzene	32	ug/Kg	U
SEE09031650PML1	9/3/2010	1,4-Dichlorobenzene	32	ug/Kg	UJ
SEE09031650PML1	9/3/2010	1,4-Dichlorobenzene	32	ug/Kg	UJ
SEE10081231PML1	10/8/2010	1,4-Dichlorobenzene	31	ug/Kg	UJ
SEE09231210JDF1	9/23/2010	1,4-Dichlorobenzene	31	ug/Kg	U

**TABLE B-2b**  
**Upstream Sediment Samples (Morrow Lake)**

Sample ID	Sample Date	Analyte	Result	Unit	Data Qualifier
SEE09161045PML1	9/16/2010	1,4-Dichlorobenzene	31	ug/Kg	U
SEE09081205PML1	9/8/2010	1,4-Dichlorobenzene	31	ug/Kg	U
SEE09071050PML1	9/7/2010	1,4-Dichlorobenzene	31	ug/Kg	U
SEE08301145MHS1	8/30/2010	1,4-Dichlorobenzene	31	ug/Kg	U
SEE10161115ARM1	10/16/2010	1,4-Dichlorobenzene	30	ug/Kg	U
SEE10120930JDF1	10/12/2010	1,4-Dichlorobenzene	30	ug/Kg	U
SEE10071101PML1	10/7/2010	1,4-Dichlorobenzene	30	ug/Kg	UJ
SEE09261625JDF1	9/26/2010	1,4-Dichlorobenzene	30	ug/Kg	U
SEE09261625JDF1	9/26/2010	1,4-Dichlorobenzene	30	ug/Kg	U
SEE09131445RCM1	9/13/2010	1,4-Dichlorobenzene	30	ug/Kg	U
SEE09121055PML1	9/12/2010	1,4-Dichlorobenzene	30	ug/Kg	U
SEE09121055PML1	9/12/2010	1,4-Dichlorobenzene	30	ug/Kg	U
SEE09121436RCM1	9/12/2010	1,4-Dichlorobenzene	30	ug/Kg	U
SEE09091410RCM1	9/9/2010	1,4-Dichlorobenzene	30	ug/Kg	U
SEE09011050PML1	9/1/2010	1,4-Dichlorobenzene	30	ug/Kg	U
SEE10081051RCM1	10/8/2010	1,4-Dichlorobenzene	29	ug/Kg	UJ
SEE10061640PML1	10/6/2010	1,4-Dichlorobenzene	29	ug/Kg	U
SEE10061640PML1	10/6/2010	1,4-Dichlorobenzene	29	ug/Kg	U
SEE10051653PML1	10/5/2010	1,4-Dichlorobenzene	29	ug/Kg	UJ
SEE09261215JDF1	9/26/2010	1,4-Dichlorobenzene	29	ug/Kg	U
SEE09231130ARM1	9/23/2010	1,4-Dichlorobenzene	29	ug/Kg	U
SEE09191040PML1	9/19/2010	1,4-Dichlorobenzene	29	ug/Kg	U
SEE09131026RCM1	9/13/2010	1,4-Dichlorobenzene	29	ug/Kg	U
SEE09131505PML1	9/13/2010	1,4-Dichlorobenzene	29	ug/Kg	U
SEE09040950PML1	9/4/2010	1,4-Dichlorobenzene	29	ug/Kg	U
SEE10011120JDF1	10/1/2010	1,4-Dichlorobenzene	28	ug/Kg	U
SEE09211155JDF1	9/21/2010	1,4-Dichlorobenzene	28	ug/Kg	U
SEE09171415PML1	9/17/2010	1,4-Dichlorobenzene	28	ug/Kg	U
SEE09151145PML1	9/15/2010	1,4-Dichlorobenzene	28	ug/Kg	U
SEE09151145PML1	9/15/2010	1,4-Dichlorobenzene	28	ug/Kg	U
SEE09131620PML1	9/13/2010	1,4-Dichlorobenzene	28	ug/Kg	U
SEE09121450PML1	9/12/2010	1,4-Dichlorobenzene	28	ug/Kg	U
SEE09091515PML1	9/9/2010	1,4-Dichlorobenzene	28	ug/Kg	U
SEE09081010PML1	9/8/2010	1,4-Dichlorobenzene	28	ug/Kg	U
SEE09081020RCM1	9/8/2010	1,4-Dichlorobenzene	28	ug/Kg	U
SEE09011255PML1	9/1/2010	1,4-Dichlorobenzene	28	ug/Kg	U
SEE08301015JRP1	8/30/2010	1,4-Dichlorobenzene	28	ug/Kg	U
SEE08261420RCM1	8/26/2010	1,4-Dichlorobenzene	28	ug/kg	U
SEE10091614PML1	10/9/2010	1,4-Dichlorobenzene	27	ug/Kg	U
SEE10061205PML1	10/6/2010	1,4-Dichlorobenzene	27	ug/Kg	U
SEE10041150JDF1	10/4/2010	1,4-Dichlorobenzene	27	ug/Kg	UJ
SEE09251135JDF1	9/25/2010	1,4-Dichlorobenzene	27	ug/Kg	U
SEE09221440JDF1	9/22/2010	1,4-Dichlorobenzene	27	ug/Kg	U
SEE09170839RCM1	9/17/2010	1,4-Dichlorobenzene	27	ug/Kg	U
SEE09151015PML1	9/15/2010	1,4-Dichlorobenzene	27	ug/Kg	U
SEE08291110PML1	8/29/2010	1,4-Dichlorobenzene	27	ug/kg	U
SEE10141150JDF1	10/14/2010	1,4-Dichlorobenzene	26	ug/Kg	U
SEE10141550JDF1	10/14/2010	1,4-Dichlorobenzene	26	ug/Kg	U
SEE10141550JDF1	10/14/2010	1,4-Dichlorobenzene	26	ug/Kg	U
SEE10121155JDF1	10/12/2010	1,4-Dichlorobenzene	26	ug/Kg	U
SEE09271130JDF1	9/27/2010	1,4-Dichlorobenzene	26	ug/Kg	U
SEE09131125PML1	9/13/2010	1,4-Dichlorobenzene	26	ug/Kg	U
SEE09091010PML1	9/9/2010	1,4-Dichlorobenzene	26	ug/Kg	U
SEE09091145PML1	9/9/2010	1,4-Dichlorobenzene	26	ug/Kg	U
SEE09091410PML1	9/9/2010	1,4-Dichlorobenzene	26	ug/Kg	U
SEE09061130MHS1	9/6/2010	1,4-Dichlorobenzene	26	ug/Kg	U
SEE09011145PML1	9/1/2010	1,4-Dichlorobenzene	26	ug/Kg	U
SEE08301638MHS1	8/30/2010	1,4-Dichlorobenzene	26	ug/Kg	U
SEE10151055ARM1	10/15/2010	1,4-Dichlorobenzene	25	ug/Kg	U
SEE10121415ARM1	10/12/2010	1,4-Dichlorobenzene	25	ug/Kg	U

**TABLE B-2b**  
**Upstream Sediment Samples (Morrow Lake)**

Sample ID	Sample Date	Analyte	Result	Unit	Data Qualifier
SEE10111125JDF1	10/11/2010	1,4-Dichlorobenzene	25	ug/Kg	U
SEE10031425JDF1	10/3/2010	1,4-Dichlorobenzene	25	ug/Kg	U
SEE09291035JDF1	9/29/2010	1,4-Dichlorobenzene	25	ug/Kg	U
SEE09220935RCM1	9/22/2010	1,4-Dichlorobenzene	25	ug/Kg	U
SEE09111015PML1	9/11/2010	1,4-Dichlorobenzene	25	ug/Kg	U
SEE09051015PML1	9/5/2010	1,4-Dichlorobenzene	25	ug/Kg	U
SEE08301445JRP1	8/30/2010	1,4-Dichlorobenzene	25	ug/Kg	U
SEE10161415JDF1	10/16/2010	1,4-Dichlorobenzene	24	ug/Kg	U
SEE10040945JDF1	10/4/2010	1,4-Dichlorobenzene	24	ug/Kg	UJ
SEE09230955RCM1	9/23/2010	1,4-Dichlorobenzene	24	ug/Kg	U
SEE09211530JDF1	9/21/2010	1,4-Dichlorobenzene	24	ug/Kg	U
SEE09170945PML1	9/17/2010	1,4-Dichlorobenzene	24	ug/Kg	U
SEE09171125PML1	9/17/2010	1,4-Dichlorobenzene	24	ug/Kg	U
SEE09130955JRP1	9/13/2010	1,4-Dichlorobenzene	24	ug/Kg	U
SEE09091605PML1	9/9/2010	1,4-Dichlorobenzene	24	ug/Kg	U
SEE09041350PML1	9/4/2010	1,4-Dichlorobenzene	24	ug/Kg	U
SEE10071205PML1	10/7/2010	1,4-Dichlorobenzene	23	ug/Kg	UJ
SEE10071540PML1	10/7/2010	1,4-Dichlorobenzene	23	ug/Kg	UJ
SEE10041335JDF1	10/4/2010	1,4-Dichlorobenzene	23	ug/Kg	UJ
SEE09271025ARM1	9/27/2010	1,4-Dichlorobenzene	23	ug/Kg	U
SEE09171530PML1	9/17/2010	1,4-Dichlorobenzene	23	ug/Kg	U
SEE09051430PML1	9/5/2010	1,4-Dichlorobenzene	23	ug/Kg	U
SEE08271500PML1	8/27/2010	1,4-Dichlorobenzene	23	ug/kg	U
SEE10150945JDF1	10/15/2010	1,4-Dichlorobenzene	22	ug/Kg	U
SEE10111011JDF1	10/11/2010	1,4-Dichlorobenzene	22	ug/Kg	U
SEE10111350JDF1	10/11/2010	1,4-Dichlorobenzene	22	ug/Kg	U
SEE10061051RCM1	10/6/2010	1,4-Dichlorobenzene	22	ug/Kg	U
SEE10041355ARM1	10/4/2010	1,4-Dichlorobenzene	22	ug/Kg	UJ
SEE09271515JDF1	9/27/2010	1,4-Dichlorobenzene	22	ug/Kg	U
SEE09221105JDF1	9/22/2010	1,4-Dichlorobenzene	22	ug/Kg	U
SEE09130940PML1	9/13/2010	1,4-Dichlorobenzene	22	ug/Kg	U
SEE08281215PML1	8/28/2010	1,4-Dichlorobenzene	22	ug/kg	U
SEE10121030JDF1	10/12/2010	1,4-Dichlorobenzene	21	ug/Kg	U
SEE09290925JDF1	9/29/2010	1,4-Dichlorobenzene	21	ug/Kg	U
SEE09091025JRP1	9/9/2010	1,4-Dichlorobenzene	21	ug/Kg	U
SEE09011635PML1	9/1/2010	1,4-Dichlorobenzene	21	ug/Kg	U
SEE08301520JRP1	8/30/2010	1,4-Dichlorobenzene	21	ug/Kg	U
SEE08281420TWH1	8/28/2010	1,4-Dichlorobenzene	21	ug/kg	U
SEE08261445JRP1	8/26/2010	1,4-Dichlorobenzene	21	ug/Kg	U
SEE10161055JDF1	10/16/2010	1,4-Dichlorobenzene	20	ug/Kg	U
SEE10151355ARM1	10/15/2010	1,4-Dichlorobenzene	20	ug/Kg	U
SEE10071415ARM1	10/7/2010	1,4-Dichlorobenzene	20	ug/Kg	UJ
SEE09031140MHS1	9/3/2010	1,4-Dichlorobenzene	20	ug/Kg	UJ
SEE08291421KAP1	8/29/2010	1,4-Dichlorobenzene	20	ug/kg	U
SEE08271145RCM1	8/27/2010	1,4-Dichlorobenzene	20	ug/kg	U
SEE10041050JDF1	10/4/2010	1,4-Dichlorobenzene	19	ug/Kg	UJ
SEE09301255MAE1	9/30/2010	1,4-Dichlorobenzene	19	ug/Kg	UJ
SEE09291645JDF1	9/29/2010	1,4-Dichlorobenzene	19	ug/Kg	U
SEE09051550MHS1	9/5/2010	1,4-Dichlorobenzene	19	ug/Kg	U
SEE09031645MHS1	9/3/2010	1,4-Dichlorobenzene	19	ug/Kg	UJ
SEE10041138RCM1	10/4/2010	1,4-Dichlorobenzene	18	ug/Kg	UJ
SEE09221615JDF1	9/22/2010	1,4-Dichlorobenzene	18	ug/Kg	U
SEE09191445RCM1	9/19/2010	1,4-Dichlorobenzene	18	ug/Kg	U
SEE08311010JRP1	8/31/2010	1,4-Dichlorobenzene	18	ug/Kg	UJ
SEE09250905RCM1	9/25/2010	1,4-Dichlorobenzene	17	ug/Kg	U
SEE09200911RCM1	9/20/2010	1,4-Dichlorobenzene	17	ug/Kg	U
SEE09090900JRP1	9/9/2010	1,4-Dichlorobenzene	17	ug/Kg	U
SEE09011545MHS1	9/1/2010	1,4-Dichlorobenzene	17	ug/Kg	U
SEE08281510TWH1	8/28/2010	1,4-Dichlorobenzene	17	ug/kg	U
SEE10170915JDF1	10/17/2010	1,4-Dichlorobenzene	16	ug/Kg	U

**TABLE B-2b**  
**Upstream Sediment Samples (Morrow Lake)**

Sample ID	Sample Date	Analyte	Result	Unit	Data Qualifier
SEE09291135JDF1	9/29/2010	1,4-Dichlorobenzene	16	ug/Kg	U
SEE09260930RCM1	9/26/2010	1,4-Dichlorobenzene	16	ug/Kg	U
SEE09201110ARM1	9/20/2010	1,4-Dichlorobenzene	15	ug/Kg	U
SEE08301530JAW1	8/30/2010	1,4-Dichlorobenzene	15	ug/Kg	U
SEE08291550KAP1	8/29/2010	1,4-Dichlorobenzene	15	ug/kg	U
SEE10071151RCM1	10/7/2010	1,4-Dichlorobenzene	14	ug/Kg	UJ
SEE09211112RCM1	9/21/2010	1,4-Dichlorobenzene	14	ug/Kg	U
SEE08311348MHS1	8/31/2010	1,4-Dichlorobenzene	14	ug/Kg	UJ
SEE08300920JRP1	8/30/2010	1,4-Dichlorobenzene	14	ug/Kg	U
SEE08261620RCM1	8/26/2010	1,4-Dichlorobenzene	14	ug/kg	U
SEE10141025ARM1	10/14/2010	1,4-Dichlorobenzene	12	ug/Kg	U
SEE09130915JRP1	9/13/2010	1,4-Dichlorobenzene	12	ug/Kg	U
SEE10091200ARM1	10/9/2010	1,4-Dichlorobenzene	11	ug/Kg	U
SEE09291023RCM1	9/29/2010	1,4-Dichlorobenzene	11	ug/Kg	U
SEE09171445RCM1	9/17/2010	1,4-Dichlorobenzene	11	ug/Kg	U
SEE09161035RCM1	9/16/2010	1,4-Dichlorobenzene	11	ug/Kg	U
SEE09141312RCM1	9/14/2010	1,4-Dichlorobenzene	10	ug/Kg	UJ
SEE08291445PML1	8/29/2010	1,4-Dichlorobenzene	10	ug/kg	U
SEE08291354KAP1	8/29/2010	1,4-Dichlorobenzene	9.3	ug/Kg	U
SEE10051415ARM1	10/5/2010	1,4-Dichlorobenzene	8.7	ug/Kg	UJ
SEE09061610JAW1	9/6/2010	1,4-Dichlorobenzene	8.5	ug/Kg	U
SEE10011125ARM1	10/1/2010	1,4-Dichlorobenzene	8.2	ug/Kg	U
SEE08261700JRP1	8/26/2010	1,4-Dichlorobenzene	8.2	ug/Kg	U
SEE09051500MHS1	9/5/2010	1,4-Dichlorobenzene	8.0	ug/Kg	U
SEE10171535ARM1	10/17/2010	1,4-Dichlorobenzene	7.9	ug/Kg	U
SEE09231035ARM1	9/23/2010	1,4-Dichlorobenzene	7.9	ug/Kg	U
SEE09171200ARM1	9/17/2010	1,4-Dichlorobenzene	7.9	ug/Kg	U
SEE08271614TWH1	8/27/2010	1,4-Dichlorobenzene	7.8	ug/kg	U
SEE10081035ARM1	10/8/2010	1,4-Dichlorobenzene	7.6	ug/Kg	UJ
SEE08271652TWH1	8/27/2010	1,4-Dichlorobenzene	7.6	ug/kg	U
SEE09100945RCM1	9/10/2010	1,4-Dichlorobenzene	7.5	ug/Kg	UJ
SEE09211120ARM1	9/21/2010	1,4-Dichlorobenzene	7.4	ug/Kg	U
SEB09011143JLS1	9/1/2010	1,4-Dichlorobenzene	7.1	ug/Kg	U
SEE08301410JRP1	8/30/2010	1,4-Dichlorobenzene	7.0	ug/Kg	U
SEE09281445RCM1	9/28/2010	1,4-Dichlorobenzene	6.5	ug/Kg	U
SEE08271536TWH1	8/27/2010	1,4-Dichlorobenzene	6.3	ug/kg	U
SEE09271500ARM1	9/27/2010	1,4-Dichlorobenzene	6.2	ug/Kg	U
SEE09170935RCM1	9/17/2010	1,4-Dichlorobenzene	6.1	ug/Kg	U
SEF10011045TDF1	10/1/2010	1,4-Dichlorobenzene	6.0	ug/Kg	U
SEE09150915JRP1	9/15/2010	1,4-Dichlorobenzene	6.0	ug/Kg	U
SEE10011043RCM1	10/1/2010	1,4-Dichlorobenzene	5.8	ug/Kg	U
SEE09290915MAE1	9/29/2010	1,4-Dichlorobenzene	5.8	ug/Kg	U
SEE10131035ARM1	10/13/2010	1,4-Dichlorobenzene	5.5	ug/Kg	U
SEE10071045ARM1	10/7/2010	1,4-Dichlorobenzene	5.5	ug/Kg	UJ
SEE10041045ARM1	10/4/2010	1,4-Dichlorobenzene	5.5	ug/Kg	UJ
SEF10151030PMB3	10/15/2010	1,4-Dichlorobenzene	5.4	ug/Kg	U
SEF10081108TDF3	10/8/2010	1,4-Dichlorobenzene	5.4	ug/Kg	UJ
SEE09251235ARM1	9/25/2010	1,4-Dichlorobenzene	5.4	ug/Kg	U
SEE08281540JRP1	8/28/2010	1,4-Dichlorobenzene	5.4	ug/kg	U
SEF10051206TDF3	10/5/2010	1,4-Dichlorobenzene	5.3	ug/Kg	UJ
SEE09140945JRP1	9/14/2010	1,4-Dichlorobenzene	5.3	ug/Kg	UJ
SEE09080930JRP1	9/8/2010	1,4-Dichlorobenzene	5.3	ug/Kg	U
SEE09011515JAW1	9/1/2010	1,4-Dichlorobenzene	5.3	ug/Kg	U
SEE08301100JRP1	8/30/2010	1,4-Dichlorobenzene	5.3	ug/Kg	U
SEE10121040ARM1	10/12/2010	1,4-Dichlorobenzene	5.2	ug/Kg	U
SEF10121130PMB3	10/12/2010	1,4-Dichlorobenzene	5.2	ug/Kg	U
SEE09221045ARM1	9/22/2010	1,4-Dichlorobenzene	5.2	ug/Kg	U
SEE09100920JRP1	9/10/2010	1,4-Dichlorobenzene	5.1	ug/Kg	UJ
SEB08281400JLS1	8/28/2010	1,4-Dichlorobenzene	5.1	ug/kg	U
SEE09301025MAE1	9/30/2010	1,4-Dichlorobenzene	5.0	ug/Kg	UJ

**TABLE B-2b**  
**Upstream Sediment Samples (Morrow Lake)**

Sample ID	Sample Date	Analyte	Result	Unit	Data Qualifier
SEE09051500JAW1	9/5/2010	1,4-Dichlorobenzene	5.0	ug/Kg	U
SEE10051145RCM1	10/5/2010	1,4-Dichlorobenzene	4.9	ug/Kg	UJ
SEE09070930JRP1	9/7/2010	1,4-Dichlorobenzene	4.9	ug/Kg	U
SEE10061135ARM1	10/6/2010	1,4-Dichlorobenzene	4.8	ug/Kg	U
SEE10181030JWP1	10/18/2010	1,4-Dichlorobenzene	4.6	ug/Kg	U
SEF09281139TDF1	9/28/2010	1,4-Dichlorobenzene	4.3	ug/Kg	U
SEE09231205RCM1	9/23/2010	1,4-Dichlorobenzene	3.3	ug/Kg	U
SEE08271445JRP1	8/27/2010	1,4-Dichlorobenzene	2.8	ug/kg	U
ML-07-S-082510	8/25/2010	1,4-Dichlorobenzene	0.73	mg/Kg	U
ML-03-S-082510	8/25/2010	1,4-Dichlorobenzene	0.43	mg/Kg	U
ML-06-S-082510	8/25/2010	1,4-Dichlorobenzene	0.42	mg/Kg	U
ML-07-S-082410	8/24/2010	1,4-Dichlorobenzene	0.41	mg/Kg	UJ
ML-06-S-082010	8/20/2010	1,4-Dichlorobenzene	0.38	mg/Kg	U
ML-08-S-082510	8/25/2010	1,4-Dichlorobenzene	0.37	mg/Kg	U
ML-08-S-082410	8/24/2010	1,4-Dichlorobenzene	0.37	mg/Kg	UJ
ML-06-S-082310	8/23/2010	1,4-Dichlorobenzene	0.37	mg/Kg	U
ML-07-S-082110	8/21/2010	1,4-Dichlorobenzene	0.37	mg/Kg	U
ML-08-S-082110	8/21/2010	1,4-Dichlorobenzene	0.37	mg/Kg	U
ML-10-S-082110	8/21/2010	1,4-Dichlorobenzene	0.37	mg/Kg	U
ML-10-S-082110	8/21/2010	1,4-Dichlorobenzene	0.37	mg/Kg	U
ML-10-S-081910	8/19/2010	1,4-Dichlorobenzene	0.37	mg/Kg	U
ML-10-S-081910	8/19/2010	1,4-Dichlorobenzene	0.37	mg/Kg	U
ML-07-S-081810	8/18/2010	1,4-Dichlorobenzene	0.37	mg/Kg	UJ
ML-09-S-081810	8/18/2010	1,4-Dichlorobenzene	0.37	mg/Kg	UJ
ML-10-S-082410	8/24/2010	1,4-Dichlorobenzene	0.36	mg/Kg	UJ
ML-10-S-082410	8/24/2010	1,4-Dichlorobenzene	0.36	mg/Kg	UJ
ML-01-S-081610	8/16/2010	1,4-Dichlorobenzene	0.35	mg/Kg	U
ML-10-S-081610	8/16/2010	1,4-Dichlorobenzene	0.35	mg/Kg	U
ML-10-S-081610	8/16/2010	1,4-Dichlorobenzene	0.35	mg/Kg	U
ML-04-S-082410	8/24/2010	1,4-Dichlorobenzene	0.34	mg/Kg	UJ
ML-03-S-082310	8/23/2010	1,4-Dichlorobenzene	0.34	mg/Kg	U
ML-10-S-082110-D	8/21/2010	1,4-Dichlorobenzene	0.34	mg/Kg	U
ML-10-S-082110-D	8/21/2010	1,4-Dichlorobenzene	0.34	mg/Kg	U
ML-07-S-081610	8/16/2010	1,4-Dichlorobenzene	0.34	mg/Kg	U
ML-08-S-081610-D	8/16/2010	1,4-Dichlorobenzene	0.34	mg/Kg	U
ML-04-S-082610	8/26/2010	1,4-Dichlorobenzene	0.33	mg/Kg	U
ML-05-S-082310	8/23/2010	1,4-Dichlorobenzene	0.33	mg/Kg	U
ML-05-S-082010	8/20/2010	1,4-Dichlorobenzene	0.33	mg/Kg	U
ML-10-S-082610	8/26/2010	1,4-Dichlorobenzene	0.32	mg/Kg	U
ML-10-S-082610	8/26/2010	1,4-Dichlorobenzene	0.32	mg/Kg	U
ML-06-S-081710	8/17/2010	1,4-Dichlorobenzene	0.32	mg/Kg	U
ML-08-S-081610	8/16/2010	1,4-Dichlorobenzene	0.32	mg/Kg	U
ML-01-S-082510	8/25/2010	1,4-Dichlorobenzene	0.31	mg/Kg	U
ML-09-S-082510	8/25/2010	1,4-Dichlorobenzene	0.31	mg/Kg	U
ML-09-S-082410	8/24/2010	1,4-Dichlorobenzene	0.31	mg/Kg	UJ
ML-02-S-081710	8/17/2010	1,4-Dichlorobenzene	0.31	mg/Kg	U
ML-02-S-082510	8/25/2010	1,4-Dichlorobenzene	0.28	mg/Kg	U
ML-09-S-082110	8/21/2010	1,4-Dichlorobenzene	0.28	mg/Kg	U
ML-01-S-082110	8/21/2010	1,4-Dichlorobenzene	0.27	mg/Kg	U
ML-04-S-081710	8/17/2010	1,4-Dichlorobenzene	0.27	mg/Kg	U
ML-05-S-081710	8/17/2010	1,4-Dichlorobenzene	0.27	mg/Kg	U
ML-02-S-082310	8/23/2010	1,4-Dichlorobenzene	0.25	mg/Kg	U
ML-04-S-082010	8/20/2010	1,4-Dichlorobenzene	0.25	mg/Kg	U
ML-01-S-081910	8/19/2010	1,4-Dichlorobenzene	0.25	mg/Kg	U
ML-02-S-082010	8/20/2010	1,4-Dichlorobenzene	0.22	mg/Kg	U
ML-03-S-081610	8/16/2010	1,4-Dichlorobenzene	0.22	mg/Kg	U
ML-03-S-082010	8/20/2010	1,4-Dichlorobenzene	0.19	mg/Kg	U
ML-05-S-082610	8/26/2010	1,4-Dichlorobenzene	0.17	mg/Kg	U
SOTF-E-Q-37.28-L02-0.0-0.5	9/11/2010	1,4-Dichlorobenzene	0.030	mg/kg	J
SOTF-E-Q-37.28-L02-0.5-1.1	9/11/2010	1,4-Dichlorobenzene	0.020	mg/kg	J

**TABLE B-2b**  
**Upstream Sediment Samples (Morrow Lake)**

Sample ID	Sample Date	Analyte	Result	Unit	Data Qualifier
SOTF-E-Q-37.28-L02-1.1-1.7	9/11/2010	1,4-Dichlorobenzene	0.010	mg/kg	J
SOTF-E-Q-37.28-L02-1.7-2.1	9/11/2010	1,4-Dichlorobenzene	0.010	mg/kg	J
SEE09011635PML1	9/1/2010	2,4,5-Trichlorophenol	6000	ug/Kg	U
SEE09051430PML1	9/5/2010	2,4,5-Trichlorophenol	5900	ug/Kg	U
SEE10051125PML1	10/5/2010	2,4,5-Trichlorophenol	1800	ug/Kg	U
SEE09301105JDF1	9/30/2010	2,4,5-Trichlorophenol	1800	ug/Kg	U
SEE09061500PML1	9/6/2010	2,4,5-Trichlorophenol	1800	ug/Kg	U
SEE09021400PML1	9/2/2010	2,4,5-Trichlorophenol	1800	ug/Kg	U
SEE08301130PML1	8/30/2010	2,4,5-Trichlorophenol	1800	ug/Kg	U
SEE10171410JDF1	10/17/2010	2,4,5-Trichlorophenol	1700	ug/Kg	U
SEE10131150JDF1	10/13/2010	2,4,5-Trichlorophenol	1700	ug/Kg	U
SEE10081115PML1	10/8/2010	2,4,5-Trichlorophenol	1700	ug/Kg	U
SEE09301255JDF1	9/30/2010	2,4,5-Trichlorophenol	1700	ug/Kg	U
SEE09231645JDF1	9/23/2010	2,4,5-Trichlorophenol	1700	ug/Kg	U
SEE09181235PML1	9/18/2010	2,4,5-Trichlorophenol	1700	ug/Kg	U
SEE09141135PML1	9/14/2010	2,4,5-Trichlorophenol	1700	ug/Kg	U
SEE09121105RCM1	9/12/2010	2,4,5-Trichlorophenol	1700	ug/Kg	UJ
SEE09101022PML1	9/10/2010	2,4,5-Trichlorophenol	1700	ug/Kg	UJ
SEE09101215PML1	9/10/2010	2,4,5-Trichlorophenol	1700	ug/Kg	UJ
SEE09091410RCM1	9/9/2010	2,4,5-Trichlorophenol	1700	ug/Kg	U
SEE09081020RCM1	9/8/2010	2,4,5-Trichlorophenol	1700	ug/Kg	U
SEE09031645MHS1	9/3/2010	2,4,5-Trichlorophenol	1700	ug/Kg	U
SEE09011545MHS1	9/1/2010	2,4,5-Trichlorophenol	1700	ug/Kg	U
SEE09011545PML1	9/1/2010	2,4,5-Trichlorophenol	1700	ug/Kg	U
SEE08311420PML1	8/31/2010	2,4,5-Trichlorophenol	1700	ug/Kg	U
SEE08311420PML1	8/31/2010	2,4,5-Trichlorophenol	1700	ug/Kg	U
SEE10181035JDF1	10/18/2010	2,4,5-Trichlorophenol	1600	ug/Kg	U
SEE10091401PML1	10/9/2010	2,4,5-Trichlorophenol	1600	ug/Kg	U
SEE10091614PML1	10/9/2010	2,4,5-Trichlorophenol	1600	ug/Kg	U
SEE10051653PML1	10/5/2010	2,4,5-Trichlorophenol	1600	ug/Kg	U
SEE10041530JDF1	10/4/2010	2,4,5-Trichlorophenol	1600	ug/Kg	U
SEE09291023RCM1	9/29/2010	2,4,5-Trichlorophenol	1600	ug/Kg	U
SEE09231210JDF1	9/23/2010	2,4,5-Trichlorophenol	1600	ug/Kg	U
SEE09141515PML1	9/14/2010	2,4,5-Trichlorophenol	1600	ug/Kg	U
SEE09131026RCM1	9/13/2010	2,4,5-Trichlorophenol	1600	ug/Kg	U
SEE09121436RCM1	9/12/2010	2,4,5-Trichlorophenol	1600	ug/Kg	UJ
SEE09101625PML1	9/10/2010	2,4,5-Trichlorophenol	1600	ug/Kg	UJ
SEE09061525MHS1	9/6/2010	2,4,5-Trichlorophenol	1600	ug/Kg	U
SEE09051130PML1	9/5/2010	2,4,5-Trichlorophenol	1600	ug/Kg	U
SEE09051550MHS1	9/5/2010	2,4,5-Trichlorophenol	1600	ug/Kg	U
SEE09030925PML1	9/3/2010	2,4,5-Trichlorophenol	1600	ug/Kg	U
SEE09031100PML1	9/3/2010	2,4,5-Trichlorophenol	1600	ug/Kg	U
SEE09021010PML1	9/2/2010	2,4,5-Trichlorophenol	1600	ug/Kg	U
SEE08301550PML1	8/30/2010	2,4,5-Trichlorophenol	1600	ug/Kg	U
SEE08301638MHS1	8/30/2010	2,4,5-Trichlorophenol	1600	ug/Kg	U
SEE08271145RCM1	8/27/2010	2,4,5-Trichlorophenol	1600	ug/kg	U
SEE10181510JDF1	10/18/2010	2,4,5-Trichlorophenol	1500	ug/Kg	U
SEE10181510JDF1	10/18/2010	2,4,5-Trichlorophenol	1500	ug/Kg	U
SEE10171115JDF1	10/17/2010	2,4,5-Trichlorophenol	1500	ug/Kg	U
SEE10141015JDF1	10/14/2010	2,4,5-Trichlorophenol	1500	ug/Kg	U
SEE10141150JDF1	10/14/2010	2,4,5-Trichlorophenol	1500	ug/Kg	U
SEE10141555ARM1	10/14/2010	2,4,5-Trichlorophenol	1500	ug/Kg	U
SEE10121155JDF1	10/12/2010	2,4,5-Trichlorophenol	1500	ug/Kg	U
SEE10101010PML1	10/10/2010	2,4,5-Trichlorophenol	1500	ug/Kg	U
SEE10101215PML1	10/10/2010	2,4,5-Trichlorophenol	1500	ug/Kg	U
SEE10101215PML1	10/10/2010	2,4,5-Trichlorophenol	1500	ug/Kg	U
SEE10081051RCM1	10/8/2010	2,4,5-Trichlorophenol	1500	ug/Kg	U
SEE10061051RCM1	10/6/2010	2,4,5-Trichlorophenol	1500	ug/Kg	U
SEE10061205PML1	10/6/2010	2,4,5-Trichlorophenol	1500	ug/Kg	U
SEE10041138RCM1	10/4/2010	2,4,5-Trichlorophenol	1500	ug/Kg	U



**TABLE B-2b**  
**Upstream Sediment Samples (Morrow Lake)**

Sample ID	Sample Date	Analyte	Result	Unit	Data Qualifier
SEE10031115JDF1	10/3/2010	2,4,5-Trichlorophenol	1500	ug/Kg	U
SEE10031115JDF1	10/3/2010	2,4,5-Trichlorophenol	1500	ug/Kg	U
SEE09260930RCM1	9/26/2010	2,4,5-Trichlorophenol	1500	ug/Kg	U
SEE09261625JDF1	9/26/2010	2,4,5-Trichlorophenol	1500	ug/Kg	U
SEE09261625JDF1	9/26/2010	2,4,5-Trichlorophenol	1500	ug/Kg	U
SEE09251135JDF1	9/25/2010	2,4,5-Trichlorophenol	1500	ug/Kg	U
SEE09220935RCM1	9/22/2010	2,4,5-Trichlorophenol	1500	ug/Kg	U
SEE09200945PML1	9/20/2010	2,4,5-Trichlorophenol	1500	ug/Kg	U
SEE09200945PML1	9/20/2010	2,4,5-Trichlorophenol	1500	ug/Kg	U
SEE09191040PML1	9/19/2010	2,4,5-Trichlorophenol	1500	ug/Kg	U
SEE09191445RCM1	9/19/2010	2,4,5-Trichlorophenol	1500	ug/Kg	U
SEE09191530PML1	9/19/2010	2,4,5-Trichlorophenol	1500	ug/Kg	U
SEE09181705PML1	9/18/2010	2,4,5-Trichlorophenol	1500	ug/Kg	U
SEE09170839RCM1	9/17/2010	2,4,5-Trichlorophenol	1500	ug/Kg	U
SEE09171415PML1	9/17/2010	2,4,5-Trichlorophenol	1500	ug/Kg	U
SEE09161045PML1	9/16/2010	2,4,5-Trichlorophenol	1500	ug/Kg	U
SEE09151145PML1	9/15/2010	2,4,5-Trichlorophenol	1500	ug/Kg	U
SEE09151145PML1	9/15/2010	2,4,5-Trichlorophenol	1500	ug/Kg	U
SEE09140945PML1	9/14/2010	2,4,5-Trichlorophenol	1500	ug/Kg	U
SEE09131445RCM1	9/13/2010	2,4,5-Trichlorophenol	1500	ug/Kg	U
SEE09131505PML1	9/13/2010	2,4,5-Trichlorophenol	1500	ug/Kg	U
SEE09121055PML1	9/12/2010	2,4,5-Trichlorophenol	1500	ug/Kg	UJ
SEE09121055PML1	9/12/2010	2,4,5-Trichlorophenol	1500	ug/Kg	UJ
SEE09091005RCM1	9/9/2010	2,4,5-Trichlorophenol	1500	ug/Kg	U
SEE09091515PML1	9/9/2010	2,4,5-Trichlorophenol	1500	ug/Kg	U
SEE09081010PML1	9/8/2010	2,4,5-Trichlorophenol	1500	ug/Kg	U
SEE09081205PML1	9/8/2010	2,4,5-Trichlorophenol	1500	ug/Kg	U
SEE09071050PML1	9/7/2010	2,4,5-Trichlorophenol	1500	ug/Kg	U
SEE09061105PML1	9/6/2010	2,4,5-Trichlorophenol	1500	ug/Kg	U
SEE09031140MHS1	9/3/2010	2,4,5-Trichlorophenol	1500	ug/Kg	U
SEE09031650PML1	9/3/2010	2,4,5-Trichlorophenol	1500	ug/Kg	U
SEE09031650PML1	9/3/2010	2,4,5-Trichlorophenol	1500	ug/Kg	U
SEE08311045PML1	8/31/2010	2,4,5-Trichlorophenol	1500	ug/Kg	U
SEE08301145MHS1	8/30/2010	2,4,5-Trichlorophenol	1500	ug/Kg	U
SEE10181210JDF1	10/18/2010	2,4,5-Trichlorophenol	1400	ug/Kg	U
SEE10181430JWP1	10/18/2010	2,4,5-Trichlorophenol	1400	ug/Kg	U
SEE10161115ARM1	10/16/2010	2,4,5-Trichlorophenol	1400	ug/Kg	U
SEE10161530JDF1	10/16/2010	2,4,5-Trichlorophenol	1400	ug/Kg	U
SEE10150945JDF1	10/15/2010	2,4,5-Trichlorophenol	1400	ug/Kg	U
SEE10141550JDF1	10/14/2010	2,4,5-Trichlorophenol	1400	ug/Kg	U
SEE10141550JDF1	10/14/2010	2,4,5-Trichlorophenol	1400	ug/Kg	U
SEE10120930JDF1	10/12/2010	2,4,5-Trichlorophenol	1400	ug/Kg	U
SEE10081231PML1	10/8/2010	2,4,5-Trichlorophenol	1400	ug/Kg	U
SEE10071042RCM1	10/7/2010	2,4,5-Trichlorophenol	1400	ug/Kg	U
SEE10071101PML1	10/7/2010	2,4,5-Trichlorophenol	1400	ug/Kg	U
SEE10061640PML1	10/6/2010	2,4,5-Trichlorophenol	1400	ug/Kg	U
SEE10061640PML1	10/6/2010	2,4,5-Trichlorophenol	1400	ug/Kg	U
SEE10041150JDF1	10/4/2010	2,4,5-Trichlorophenol	1400	ug/Kg	U
SEE10011120JDF1	10/1/2010	2,4,5-Trichlorophenol	1400	ug/Kg	U
SEE09301205RCM1	9/30/2010	2,4,5-Trichlorophenol	1400	ug/Kg	U
SEE09271130JDF1	9/27/2010	2,4,5-Trichlorophenol	1400	ug/Kg	U
SEE09261215JDF1	9/26/2010	2,4,5-Trichlorophenol	1400	ug/Kg	U
SEE09230955RCM1	9/23/2010	2,4,5-Trichlorophenol	1400	ug/Kg	U
SEE09221440JDF1	9/22/2010	2,4,5-Trichlorophenol	1400	ug/Kg	U
SEE09211155JDF1	9/21/2010	2,4,5-Trichlorophenol	1400	ug/Kg	U
SEE09201115RCM1	9/20/2010	2,4,5-Trichlorophenol	1400	ug/Kg	U
SEE09171445RCM1	9/17/2010	2,4,5-Trichlorophenol	1400	ug/Kg	U
SEE09161035RCM1	9/16/2010	2,4,5-Trichlorophenol	1400	ug/Kg	U
SEE09151015PML1	9/15/2010	2,4,5-Trichlorophenol	1400	ug/Kg	U
SEE09131620PML1	9/13/2010	2,4,5-Trichlorophenol	1400	ug/Kg	U

**TABLE B-2b**  
**Upstream Sediment Samples (Morrow Lake)**

Sample ID	Sample Date	Analyte	Result	Unit	Data Qualifier
SEE09121450PML1	9/12/2010	2,4,5-Trichlorophenol	1400	ug/Kg	UJ
SEE09111015PML1	9/11/2010	2,4,5-Trichlorophenol	1400	ug/Kg	UJ
SEE09040950PML1	9/4/2010	2,4,5-Trichlorophenol	1400	ug/Kg	U
SEE09011050PML1	9/1/2010	2,4,5-Trichlorophenol	1400	ug/Kg	U
SEE08301520JRP1	8/30/2010	2,4,5-Trichlorophenol	1400	ug/Kg	U
SEE08261620RCM1	8/26/2010	2,4,5-Trichlorophenol	1400	ug/kg	U
SEE10111125JDF1	10/11/2010	2,4,5-Trichlorophenol	1300	ug/Kg	U
SEE10031425JDF1	10/3/2010	2,4,5-Trichlorophenol	1300	ug/Kg	U
SEE09291035JDF1	9/29/2010	2,4,5-Trichlorophenol	1300	ug/Kg	U
SEE09250905RCM1	9/25/2010	2,4,5-Trichlorophenol	1300	ug/Kg	U
SEE09211530JDF1	9/21/2010	2,4,5-Trichlorophenol	1300	ug/Kg	U
SEE09170945PML1	9/17/2010	2,4,5-Trichlorophenol	1300	ug/Kg	U
SEE09171125PML1	9/17/2010	2,4,5-Trichlorophenol	1300	ug/Kg	U
SEE09130940PML1	9/13/2010	2,4,5-Trichlorophenol	1300	ug/Kg	U
SEE09131125PML1	9/13/2010	2,4,5-Trichlorophenol	1300	ug/Kg	U
SEE09091145PML1	9/9/2010	2,4,5-Trichlorophenol	1300	ug/Kg	U
SEE09091410PML1	9/9/2010	2,4,5-Trichlorophenol	1300	ug/Kg	U
SEE09091605PML1	9/9/2010	2,4,5-Trichlorophenol	1300	ug/Kg	U
SEE09061130MHS1	9/6/2010	2,4,5-Trichlorophenol	1300	ug/Kg	U
SEE09051015PML1	9/5/2010	2,4,5-Trichlorophenol	1300	ug/Kg	U
SEE09041350PML1	9/4/2010	2,4,5-Trichlorophenol	1300	ug/Kg	U
SEE09011255PML1	9/1/2010	2,4,5-Trichlorophenol	1300	ug/Kg	U
SEE08301445JRP1	8/30/2010	2,4,5-Trichlorophenol	1300	ug/Kg	U
SEE08261445JRP1	8/26/2010	2,4,5-Trichlorophenol	1300	ug/Kg	U
SEE10161055JDF1	10/16/2010	2,4,5-Trichlorophenol	1200	ug/Kg	U
SEE10161415JDF1	10/16/2010	2,4,5-Trichlorophenol	1200	ug/Kg	U
SEE10151055ARM1	10/15/2010	2,4,5-Trichlorophenol	1200	ug/Kg	U
SEE10121415ARM1	10/12/2010	2,4,5-Trichlorophenol	1200	ug/Kg	U
SEE10111011JDF1	10/11/2010	2,4,5-Trichlorophenol	1200	ug/Kg	U
SEE10111350JDF1	10/11/2010	2,4,5-Trichlorophenol	1200	ug/Kg	U
SEE10071205PML1	10/7/2010	2,4,5-Trichlorophenol	1200	ug/Kg	U
SEE10071540PML1	10/7/2010	2,4,5-Trichlorophenol	1200	ug/Kg	U
SEE09301255MAE1	9/30/2010	2,4,5-Trichlorophenol	1200	ug/Kg	U
SEE09290925JDF1	9/29/2010	2,4,5-Trichlorophenol	1200	ug/Kg	U
SEE09271515JDF1	9/27/2010	2,4,5-Trichlorophenol	1200	ug/Kg	U
SEE09221105JDF1	9/22/2010	2,4,5-Trichlorophenol	1200	ug/Kg	U
SEE09221615JDF1	9/22/2010	2,4,5-Trichlorophenol	1200	ug/Kg	U
SEE09211112RCM1	9/21/2010	2,4,5-Trichlorophenol	1200	ug/Kg	U
SEE09201645ARM1	9/20/2010	2,4,5-Trichlorophenol	1200	ug/Kg	U
SEE09171530PML1	9/17/2010	2,4,5-Trichlorophenol	1200	ug/Kg	U
SEE09091010PML1	9/9/2010	2,4,5-Trichlorophenol	1200	ug/Kg	U
SEE09091025JRP1	9/9/2010	2,4,5-Trichlorophenol	1200	ug/Kg	U
SEE09031115JAW1	9/3/2010	2,4,5-Trichlorophenol	1200	ug/Kg	U
SEE09011145PML1	9/1/2010	2,4,5-Trichlorophenol	1200	ug/Kg	U
SEE08301015JRP1	8/30/2010	2,4,5-Trichlorophenol	1200	ug/Kg	U
SEE08301530JAW1	8/30/2010	2,4,5-Trichlorophenol	1200	ug/Kg	U
SEE08261420RCM1	8/26/2010	2,4,5-Trichlorophenol	1200	ug/kg	U
SEE10121030JDF1	10/12/2010	2,4,5-Trichlorophenol	1100	ug/Kg	U
SEE10040945JDF1	10/4/2010	2,4,5-Trichlorophenol	1100	ug/Kg	U
SEE10041050JDF1	10/4/2010	2,4,5-Trichlorophenol	1100	ug/Kg	U
SEE10041335JDF1	10/4/2010	2,4,5-Trichlorophenol	1100	ug/Kg	U
SEE09291645JDF1	9/29/2010	2,4,5-Trichlorophenol	1100	ug/Kg	U
SEE09271025ARM1	9/27/2010	2,4,5-Trichlorophenol	1100	ug/Kg	U
SEE09231130ARM1	9/23/2010	2,4,5-Trichlorophenol	1100	ug/Kg	U
SEE09141312RCM1	9/14/2010	2,4,5-Trichlorophenol	1100	ug/Kg	U
SEE09130955JRP1	9/13/2010	2,4,5-Trichlorophenol	1100	ug/Kg	U
SEE10211035JDF1	10/21/2010	2,4,5-Trichlorophenol	960	ug/Kg	UJ
SEE10151355ARM1	10/15/2010	2,4,5-Trichlorophenol	960	ug/Kg	U
SEE10041355ARM1	10/4/2010	2,4,5-Trichlorophenol	960	ug/Kg	U
SEE08311010JRP1	8/31/2010	2,4,5-Trichlorophenol	940	ug/Kg	U

**TABLE B-2b**  
**Upstream Sediment Samples (Morrow Lake)**

Sample ID	Sample Date	Analyte	Result	Unit	Data Qualifier
SEE09090900JRP1	9/9/2010	2,4,5-Trichlorophenol	930	ug/Kg	U
SEE08311348MHS1	8/31/2010	2,4,5-Trichlorophenol	930	ug/Kg	U
SEE10071415ARM1	10/7/2010	2,4,5-Trichlorophenol	920	ug/Kg	U
SEE10170915JDF1	10/17/2010	2,4,5-Trichlorophenol	910	ug/Kg	U
SEE09291135JDF1	9/29/2010	2,4,5-Trichlorophenol	910	ug/Kg	U
SEE10191005JDF1	10/19/2010	2,4,5-Trichlorophenol	880	ug/Kg	U
SEE10211430JDF1	10/21/2010	2,4,5-Trichlorophenol	860	ug/Kg	U
SEE10071151RCM1	10/7/2010	2,4,5-Trichlorophenol	840	ug/Kg	U
SEE10221110JDF1	10/22/2010	2,4,5-Trichlorophenol	830	ug/Kg	U
SEE10221110JDF1	10/22/2010	2,4,5-Trichlorophenol	830	ug/Kg	U
SEE08281607TWH1	8/28/2010	2,4,5-Trichlorophenol	830	ug/kg	U
SEE08281630RCM1	8/28/2010	2,4,5-Trichlorophenol	830	ug/kg	U
SEE10191515JDF1	10/19/2010	2,4,5-Trichlorophenol	820	ug/Kg	U
SEE08300920JRP1	8/30/2010	2,4,5-Trichlorophenol	810	ug/Kg	U
SEE10191415JDF1	10/19/2010	2,4,5-Trichlorophenol	790	ug/Kg	U
SEE10191155JDF1	10/19/2010	2,4,5-Trichlorophenol	780	ug/Kg	U
SEE10211010JWP1	10/21/2010	2,4,5-Trichlorophenol	770	ug/Kg	U
SEE09051500MHS1	9/5/2010	2,4,5-Trichlorophenol	750	ug/Kg	U
SEE10191100JDF1	10/19/2010	2,4,5-Trichlorophenol	740	ug/Kg	U
SEE10141025ARM1	10/14/2010	2,4,5-Trichlorophenol	730	ug/Kg	U
SEE08281505PML1	8/28/2010	2,4,5-Trichlorophenol	730	ug/kg	U
SEE08271215PML1	8/27/2010	2,4,5-Trichlorophenol	720	ug/kg	U
SEE10221055DWS1	10/22/2010	2,4,5-Trichlorophenol	710	ug/Kg	U
SEE10191010JWP1	10/19/2010	2,4,5-Trichlorophenol	690	ug/Kg	U
SEE08271614TWH1	8/27/2010	2,4,5-Trichlorophenol	690	ug/kg	U
SEE08271500PML1	8/27/2010	2,4,5-Trichlorophenol	660	ug/kg	U
SEE10091200ARM1	10/9/2010	2,4,5-Trichlorophenol	650	ug/Kg	U
SEE09130915JRP1	9/13/2010	2,4,5-Trichlorophenol	650	ug/Kg	U
SEE08291110PML1	8/29/2010	2,4,5-Trichlorophenol	590	ug/kg	U
SEE09061610JAW1	9/6/2010	2,4,5-Trichlorophenol	570	ug/Kg	U
SEE08281215PML1	8/28/2010	2,4,5-Trichlorophenol	570	ug/kg	U
SEE08281420TWH1	8/28/2010	2,4,5-Trichlorophenol	570	ug/kg	U
SEE10051415ARM1	10/5/2010	2,4,5-Trichlorophenol	560	ug/Kg	U
SEE10171535ARM1	10/17/2010	2,4,5-Trichlorophenol	540	ug/Kg	U
SEE08281510TWH1	8/28/2010	2,4,5-Trichlorophenol	540	ug/kg	U
SEE08261700JRP1	8/26/2010	2,4,5-Trichlorophenol	530	ug/Kg	U
SEE09100945RCM1	9/10/2010	2,4,5-Trichlorophenol	520	ug/Kg	UJ
SEE08301410JRP1	8/30/2010	2,4,5-Trichlorophenol	510	ug/Kg	U
SEE08291421KAP1	8/29/2010	2,4,5-Trichlorophenol	510	ug/kg	U
SEE10011125ARM1	10/1/2010	2,4,5-Trichlorophenol	500	ug/Kg	U
SEE08271652TWH1	8/27/2010	2,4,5-Trichlorophenol	500	ug/kg	U
SEE09211120ARM1	9/21/2010	2,4,5-Trichlorophenol	490	ug/Kg	U
SEE09201110ARM1	9/20/2010	2,4,5-Trichlorophenol	490	ug/Kg	U
SEE10081035ARM1	10/8/2010	2,4,5-Trichlorophenol	470	ug/Kg	U
SEE09171200ARM1	9/17/2010	2,4,5-Trichlorophenol	470	ug/Kg	U
SEF10011045TDF1	10/1/2010	2,4,5-Trichlorophenol	460	ug/Kg	U
SEE09290915MAE1	9/29/2010	2,4,5-Trichlorophenol	460	ug/Kg	U
SEE09200911RCM1	9/20/2010	2,4,5-Trichlorophenol	460	ug/Kg	U
SEE09140945JRP1	9/14/2010	2,4,5-Trichlorophenol	460	ug/Kg	U
SEE09271500ARM1	9/27/2010	2,4,5-Trichlorophenol	450	ug/Kg	U
SEE09231205RCM1	9/23/2010	2,4,5-Trichlorophenol	450	ug/Kg	U
SEE09281445RCM1	9/28/2010	2,4,5-Trichlorophenol	440	ug/Kg	U
SEE09251235ARM1	9/25/2010	2,4,5-Trichlorophenol	440	ug/Kg	U
SEE09150915JRP1	9/15/2010	2,4,5-Trichlorophenol	440	ug/Kg	U
SEE09070930JRP1	9/7/2010	2,4,5-Trichlorophenol	440	ug/Kg	U
SEE08301100JRP1	8/30/2010	2,4,5-Trichlorophenol	440	ug/Kg	U
SEF10081108TDF3	10/8/2010	2,4,5-Trichlorophenol	430	ug/Kg	U
SEE10071045ARM1	10/7/2010	2,4,5-Trichlorophenol	430	ug/Kg	U
SEE10041045ARM1	10/4/2010	2,4,5-Trichlorophenol	430	ug/Kg	U
SEE10011043RCM1	10/1/2010	2,4,5-Trichlorophenol	430	ug/Kg	U

**TABLE B-2b**  
**Upstream Sediment Samples (Morrow Lake)**

Sample ID	Sample Date	Analyte	Result	Unit	Data Qualifier
SEE09231035ARM1	9/23/2010	2,4,5-Trichlorophenol	430	ug/Kg	U
SEE09170935RCM1	9/17/2010	2,4,5-Trichlorophenol	430	ug/Kg	U
SEF10151030PMB3	10/15/2010	2,4,5-Trichlorophenol	420	ug/Kg	U
SEF10121130PMB3	10/12/2010	2,4,5-Trichlorophenol	420	ug/Kg	U
SEF10051206TDF3	10/5/2010	2,4,5-Trichlorophenol	420	ug/Kg	U
SEE09100920JRP1	9/10/2010	2,4,5-Trichlorophenol	420	ug/Kg	UJ
SEE09051500JAW1	9/5/2010	2,4,5-Trichlorophenol	420	ug/Kg	U
SEB09011143JLS1	9/1/2010	2,4,5-Trichlorophenol	420	ug/Kg	U
SEE10061135ARM1	10/6/2010	2,4,5-Trichlorophenol	410	ug/Kg	U
SEE08291550KAP1	8/29/2010	2,4,5-Trichlorophenol	410	ug/kg	U
SEE10131035ARM1	10/13/2010	2,4,5-Trichlorophenol	400	ug/Kg	U
SEE10051145RCM1	10/5/2010	2,4,5-Trichlorophenol	400	ug/Kg	U
SEE09301025MAE1	9/30/2010	2,4,5-Trichlorophenol	400	ug/Kg	U
SEE09221045ARM1	9/22/2010	2,4,5-Trichlorophenol	400	ug/Kg	U
SEE09080930JRP1	9/8/2010	2,4,5-Trichlorophenol	400	ug/Kg	U
SEE09011515JAW1	9/1/2010	2,4,5-Trichlorophenol	400	ug/Kg	U
SEE10221450DWS1	10/22/2010	2,4,5-Trichlorophenol	390	ug/Kg	U
SEE10121040ARM1	10/12/2010	2,4,5-Trichlorophenol	390	ug/Kg	U
SEF09281139TDF1	9/28/2010	2,4,5-Trichlorophenol	390	ug/Kg	U
SEE10181030JWP1	10/18/2010	2,4,5-Trichlorophenol	370	ug/Kg	U
SEE10211345JWP1	10/21/2010	2,4,5-Trichlorophenol	330	ug/Kg	U
SEE08291354KAP1	8/29/2010	2,4,5-Trichlorophenol	330	ug/kg	U
SEE08291445PML1	8/29/2010	2,4,5-Trichlorophenol	270	ug/kg	U
SEF10221050MAE3	10/22/2010	2,4,5-Trichlorophenol	240	ug/Kg	U
SEF10191135NAC3	10/19/2010	2,4,5-Trichlorophenol	240	ug/Kg	U
SEE08271445JRP1	8/27/2010	2,4,5-Trichlorophenol	230	ug/kg	U
SEE08271536TWH1	8/27/2010	2,4,5-Trichlorophenol	220	ug/kg	U
SEE10191115JWP1	10/19/2010	2,4,5-Trichlorophenol	210	ug/Kg	U
SEB08281400JLS1	8/28/2010	2,4,5-Trichlorophenol	210	ug/kg	U
SEE08281540JRP1	8/28/2010	2,4,5-Trichlorophenol	210	ug/kg	U
ML-07-S-081810	8/18/2010	2,4,5-Trichlorophenol	0.37	mg/Kg	UJ
ML-06-S-082310	8/23/2010	2,4,5-Trichlorophenol	0.33	mg/Kg	U
ML-04-S-081710	8/17/2010	2,4,5-Trichlorophenol	0.32	mg/Kg	U
ML-04-S-082610	8/26/2010	2,4,5-Trichlorophenol	0.31	mg/Kg	U
ML-03-S-082310	8/23/2010	2,4,5-Trichlorophenol	0.31	mg/Kg	U
ML-10-S-081910	8/19/2010	2,4,5-Trichlorophenol	0.31	mg/Kg	U
ML-10-S-081910	8/19/2010	2,4,5-Trichlorophenol	0.31	mg/Kg	U
ML-09-S-081810	8/18/2010	2,4,5-Trichlorophenol	0.31	mg/Kg	UJ
ML-06-S-081710	8/17/2010	2,4,5-Trichlorophenol	0.31	mg/Kg	U
ML-10-S-082610	8/26/2010	2,4,5-Trichlorophenol	0.30	mg/Kg	U
ML-10-S-082610	8/26/2010	2,4,5-Trichlorophenol	0.30	mg/Kg	U
ML-05-S-082310	8/23/2010	2,4,5-Trichlorophenol	0.28	mg/Kg	U
ML-01-S-081910	8/19/2010	2,4,5-Trichlorophenol	0.27	mg/Kg	U
ML-05-S-081710	8/17/2010	2,4,5-Trichlorophenol	0.26	mg/Kg	U
ML-02-S-082310	8/23/2010	2,4,5-Trichlorophenol	0.25	mg/Kg	U
ML-02-S-081710	8/17/2010	2,4,5-Trichlorophenol	0.24	mg/Kg	U
ML-06-S-082510	8/25/2010	2,4,5-Trichlorophenol	0.18	mg/Kg	U
ML-07-S-082410	8/24/2010	2,4,5-Trichlorophenol	0.18	mg/Kg	UJ
ML-07-S-082110	8/21/2010	2,4,5-Trichlorophenol	0.18	mg/Kg	U
ML-05-S-082610	8/26/2010	2,4,5-Trichlorophenol	0.17	mg/Kg	U
ML-07-S-082510	8/25/2010	2,4,5-Trichlorophenol	0.17	mg/Kg	U
ML-08-S-082110	8/21/2010	2,4,5-Trichlorophenol	0.17	mg/Kg	U
ML-07-S-081610	8/16/2010	2,4,5-Trichlorophenol	0.17	mg/Kg	U
ML-08-S-081610	8/16/2010	2,4,5-Trichlorophenol	0.17	mg/Kg	U
ML-08-S-082510	8/25/2010	2,4,5-Trichlorophenol	0.16	mg/Kg	U
ML-08-S-082410	8/24/2010	2,4,5-Trichlorophenol	0.16	mg/Kg	UJ
ML-06-S-082010	8/20/2010	2,4,5-Trichlorophenol	0.16	mg/Kg	U
ML-01-S-081610	8/16/2010	2,4,5-Trichlorophenol	0.16	mg/Kg	U
ML-01-S-082510	8/25/2010	2,4,5-Trichlorophenol	0.15	mg/Kg	U
ML-09-S-082510	8/25/2010	2,4,5-Trichlorophenol	0.15	mg/Kg	U

**TABLE B-2b**  
**Upstream Sediment Samples (Morrow Lake)**

Sample ID	Sample Date	Analyte	Result	Unit	Data Qualifier
ML-04-S-082410	8/24/2010	2,4,5-Trichlorophenol	0.15	mg/Kg	UJ
ML-10-S-082410	8/24/2010	2,4,5-Trichlorophenol	0.15	mg/Kg	UJ
ML-10-S-082410	8/24/2010	2,4,5-Trichlorophenol	0.15	mg/Kg	UJ
ML-09-S-082110	8/21/2010	2,4,5-Trichlorophenol	0.15	mg/Kg	U
ML-10-S-082110	8/21/2010	2,4,5-Trichlorophenol	0.15	mg/Kg	U
ML-10-S-082110	8/21/2010	2,4,5-Trichlorophenol	0.15	mg/Kg	U
ML-05-S-082010	8/20/2010	2,4,5-Trichlorophenol	0.15	mg/Kg	U
ML-10-S-081610	8/16/2010	2,4,5-Trichlorophenol	0.15	mg/Kg	U
ML-10-S-081610	8/16/2010	2,4,5-Trichlorophenol	0.15	mg/Kg	U
ML-02-S-082510	8/25/2010	2,4,5-Trichlorophenol	0.14	mg/Kg	U
ML-09-S-082410	8/24/2010	2,4,5-Trichlorophenol	0.14	mg/Kg	UJ
ML-01-S-082110	8/21/2010	2,4,5-Trichlorophenol	0.14	mg/Kg	U
ML-03-S-082510	8/25/2010	2,4,5-Trichlorophenol	0.13	mg/Kg	U
ML-02-S-082010	8/20/2010	2,4,5-Trichlorophenol	0.13	mg/Kg	U
ML-03-S-082010	8/20/2010	2,4,5-Trichlorophenol	0.13	mg/Kg	U
ML-04-S-082010	8/20/2010	2,4,5-Trichlorophenol	0.13	mg/Kg	U
ML-03-S-081610	8/16/2010	2,4,5-Trichlorophenol	0.12	mg/Kg	U
SEE09011635PML1	9/1/2010	2,4,6-Trichlorophenol	6000	ug/Kg	U
SEE09051430PML1	9/5/2010	2,4,6-Trichlorophenol	5900	ug/Kg	U
SEE10051125PML1	10/5/2010	2,4,6-Trichlorophenol	1800	ug/Kg	U
SEE09301105JDF1	9/30/2010	2,4,6-Trichlorophenol	1800	ug/Kg	U
SEE09061500PML1	9/6/2010	2,4,6-Trichlorophenol	1800	ug/Kg	U
SEE09021400PML1	9/2/2010	2,4,6-Trichlorophenol	1800	ug/Kg	U
SEE08301130PML1	8/30/2010	2,4,6-Trichlorophenol	1800	ug/Kg	U
SEE10171410JDF1	10/17/2010	2,4,6-Trichlorophenol	1700	ug/Kg	U
SEE10131150JDF1	10/13/2010	2,4,6-Trichlorophenol	1700	ug/Kg	U
SEE10081115PML1	10/8/2010	2,4,6-Trichlorophenol	1700	ug/Kg	U
SEE09301255JDF1	9/30/2010	2,4,6-Trichlorophenol	1700	ug/Kg	U
SEE09231645JDF1	9/23/2010	2,4,6-Trichlorophenol	1700	ug/Kg	U
SEE09181235PML1	9/18/2010	2,4,6-Trichlorophenol	1700	ug/Kg	U
SEE09141135PML1	9/14/2010	2,4,6-Trichlorophenol	1700	ug/Kg	U
SEE09121105RCM1	9/12/2010	2,4,6-Trichlorophenol	1700	ug/Kg	UJ
SEE09101022PML1	9/10/2010	2,4,6-Trichlorophenol	1700	ug/Kg	UJ
SEE09101215PML1	9/10/2010	2,4,6-Trichlorophenol	1700	ug/Kg	UJ
SEE09091410RCM1	9/9/2010	2,4,6-Trichlorophenol	1700	ug/Kg	U
SEE09081020RCM1	9/8/2010	2,4,6-Trichlorophenol	1700	ug/Kg	U
SEE09031645MHS1	9/3/2010	2,4,6-Trichlorophenol	1700	ug/Kg	U
SEE09011545MHS1	9/1/2010	2,4,6-Trichlorophenol	1700	ug/Kg	U
SEE09011545PML1	9/1/2010	2,4,6-Trichlorophenol	1700	ug/Kg	U
SEE08311420PML1	8/31/2010	2,4,6-Trichlorophenol	1700	ug/Kg	U
SEE08311420PML1	8/31/2010	2,4,6-Trichlorophenol	1700	ug/Kg	U
SEE10181035JDF1	10/18/2010	2,4,6-Trichlorophenol	1600	ug/Kg	U
SEE10091401PML1	10/9/2010	2,4,6-Trichlorophenol	1600	ug/Kg	U
SEE10091614PML1	10/9/2010	2,4,6-Trichlorophenol	1600	ug/Kg	U
SEE10051653PML1	10/5/2010	2,4,6-Trichlorophenol	1600	ug/Kg	U
SEE10041530JDF1	10/4/2010	2,4,6-Trichlorophenol	1600	ug/Kg	U
SEE09291023RCM1	9/29/2010	2,4,6-Trichlorophenol	1600	ug/Kg	U
SEE09231210JDF1	9/23/2010	2,4,6-Trichlorophenol	1600	ug/Kg	U
SEE09141515PML1	9/14/2010	2,4,6-Trichlorophenol	1600	ug/Kg	U
SEE09131026RCM1	9/13/2010	2,4,6-Trichlorophenol	1600	ug/Kg	U
SEE09121436RCM1	9/12/2010	2,4,6-Trichlorophenol	1600	ug/Kg	UJ
SEE09101625PML1	9/10/2010	2,4,6-Trichlorophenol	1600	ug/Kg	UJ
SEE09061525MHS1	9/6/2010	2,4,6-Trichlorophenol	1600	ug/Kg	U
SEE09051130PML1	9/5/2010	2,4,6-Trichlorophenol	1600	ug/Kg	U
SEE09051550MHS1	9/5/2010	2,4,6-Trichlorophenol	1600	ug/Kg	U
SEE09030925PML1	9/3/2010	2,4,6-Trichlorophenol	1600	ug/Kg	U
SEE09031100PML1	9/3/2010	2,4,6-Trichlorophenol	1600	ug/Kg	U
SEE09021010PML1	9/2/2010	2,4,6-Trichlorophenol	1600	ug/Kg	U
SEE08301550PML1	8/30/2010	2,4,6-Trichlorophenol	1600	ug/Kg	U
SEE08301638MHS1	8/30/2010	2,4,6-Trichlorophenol	1600	ug/Kg	U

**TABLE B-2b**  
**Upstream Sediment Samples (Morrow Lake)**

Sample ID	Sample Date	Analyte	Result	Unit	Data Qualifier
SEE08271145RCM1	8/27/2010	2,4,6-Trichlorophenol	1600	ug/kg	U
SEE10181510JDF1	10/18/2010	2,4,6-Trichlorophenol	1500	ug/Kg	U
SEE10181510JDF1	10/18/2010	2,4,6-Trichlorophenol	1500	ug/Kg	U
SEE10171115JDF1	10/17/2010	2,4,6-Trichlorophenol	1500	ug/Kg	U
SEE10141015JDF1	10/14/2010	2,4,6-Trichlorophenol	1500	ug/Kg	U
SEE10141150JDF1	10/14/2010	2,4,6-Trichlorophenol	1500	ug/Kg	U
SEE10141555ARM1	10/14/2010	2,4,6-Trichlorophenol	1500	ug/Kg	U
SEE10121155JDF1	10/12/2010	2,4,6-Trichlorophenol	1500	ug/Kg	U
SEE10101010PML1	10/10/2010	2,4,6-Trichlorophenol	1500	ug/Kg	U
SEE10101215PML1	10/10/2010	2,4,6-Trichlorophenol	1500	ug/Kg	U
SEE10101215PML1	10/10/2010	2,4,6-Trichlorophenol	1500	ug/Kg	U
SEE10081051RCM1	10/8/2010	2,4,6-Trichlorophenol	1500	ug/Kg	U
SEE10061051RCM1	10/6/2010	2,4,6-Trichlorophenol	1500	ug/Kg	U
SEE10061205PML1	10/6/2010	2,4,6-Trichlorophenol	1500	ug/Kg	U
SEE10041138RCM1	10/4/2010	2,4,6-Trichlorophenol	1500	ug/Kg	U
SEE10031115JDF1	10/3/2010	2,4,6-Trichlorophenol	1500	ug/Kg	U
SEE10031115JDF1	10/3/2010	2,4,6-Trichlorophenol	1500	ug/Kg	U
SEE09260930RCM1	9/26/2010	2,4,6-Trichlorophenol	1500	ug/Kg	U
SEE09261625JDF1	9/26/2010	2,4,6-Trichlorophenol	1500	ug/Kg	U
SEE09261625JDF1	9/26/2010	2,4,6-Trichlorophenol	1500	ug/Kg	U
SEE09251135JDF1	9/25/2010	2,4,6-Trichlorophenol	1500	ug/Kg	U
SEE09220935RCM1	9/22/2010	2,4,6-Trichlorophenol	1500	ug/Kg	U
SEE09200945PML1	9/20/2010	2,4,6-Trichlorophenol	1500	ug/Kg	U
SEE09200945PML1	9/20/2010	2,4,6-Trichlorophenol	1500	ug/Kg	U
SEE09191040PML1	9/19/2010	2,4,6-Trichlorophenol	1500	ug/Kg	U
SEE09191445RCM1	9/19/2010	2,4,6-Trichlorophenol	1500	ug/Kg	U
SEE09191530PML1	9/19/2010	2,4,6-Trichlorophenol	1500	ug/Kg	U
SEE09181705PML1	9/18/2010	2,4,6-Trichlorophenol	1500	ug/Kg	U
SEE09170839RCM1	9/17/2010	2,4,6-Trichlorophenol	1500	ug/Kg	U
SEE09171415PML1	9/17/2010	2,4,6-Trichlorophenol	1500	ug/Kg	U
SEE09161045PML1	9/16/2010	2,4,6-Trichlorophenol	1500	ug/Kg	U
SEE09151145PML1	9/15/2010	2,4,6-Trichlorophenol	1500	ug/Kg	U
SEE09151145PML1	9/15/2010	2,4,6-Trichlorophenol	1500	ug/Kg	U
SEE09140945PML1	9/14/2010	2,4,6-Trichlorophenol	1500	ug/Kg	U
SEE09131445RCM1	9/13/2010	2,4,6-Trichlorophenol	1500	ug/Kg	U
SEE09131505PML1	9/13/2010	2,4,6-Trichlorophenol	1500	ug/Kg	U
SEE09121055PML1	9/12/2010	2,4,6-Trichlorophenol	1500	ug/Kg	UJ
SEE09121055PML1	9/12/2010	2,4,6-Trichlorophenol	1500	ug/Kg	UJ
SEE09091005RCM1	9/9/2010	2,4,6-Trichlorophenol	1500	ug/Kg	U
SEE09091515PML1	9/9/2010	2,4,6-Trichlorophenol	1500	ug/Kg	U
SEE09081010PML1	9/8/2010	2,4,6-Trichlorophenol	1500	ug/Kg	U
SEE09081205PML1	9/8/2010	2,4,6-Trichlorophenol	1500	ug/Kg	U
SEE09071050PML1	9/7/2010	2,4,6-Trichlorophenol	1500	ug/Kg	U
SEE09061105PML1	9/6/2010	2,4,6-Trichlorophenol	1500	ug/Kg	U
SEE09031140MHS1	9/3/2010	2,4,6-Trichlorophenol	1500	ug/Kg	U
SEE09031650PML1	9/3/2010	2,4,6-Trichlorophenol	1500	ug/Kg	U
SEE09031650PML1	9/3/2010	2,4,6-Trichlorophenol	1500	ug/Kg	U
SEE08311045PML1	8/31/2010	2,4,6-Trichlorophenol	1500	ug/Kg	U
SEE08301145MHS1	8/30/2010	2,4,6-Trichlorophenol	1500	ug/Kg	U
SEE10181210JDF1	10/18/2010	2,4,6-Trichlorophenol	1400	ug/Kg	U
SEE10181430JWP1	10/18/2010	2,4,6-Trichlorophenol	1400	ug/Kg	U
SEE10161115ARM1	10/16/2010	2,4,6-Trichlorophenol	1400	ug/Kg	U
SEE10161530JDF1	10/16/2010	2,4,6-Trichlorophenol	1400	ug/Kg	U
SEE10150945JDF1	10/15/2010	2,4,6-Trichlorophenol	1400	ug/Kg	U
SEE10141550JDF1	10/14/2010	2,4,6-Trichlorophenol	1400	ug/Kg	U
SEE10141550JDF1	10/14/2010	2,4,6-Trichlorophenol	1400	ug/Kg	U
SEE10120930JDF1	10/12/2010	2,4,6-Trichlorophenol	1400	ug/Kg	U
SEE10081231PML1	10/8/2010	2,4,6-Trichlorophenol	1400	ug/Kg	U
SEE10071042RCM1	10/7/2010	2,4,6-Trichlorophenol	1400	ug/Kg	U
SEE10071101PML1	10/7/2010	2,4,6-Trichlorophenol	1400	ug/Kg	U

**TABLE B-2b**  
**Upstream Sediment Samples (Morrow Lake)**

Sample ID	Sample Date	Analyte	Result	Unit	Data Qualifier
SEE10061640PML1	10/6/2010	2,4,6-Trichlorophenol	1400	ug/Kg	U
SEE10061640PML1	10/6/2010	2,4,6-Trichlorophenol	1400	ug/Kg	U
SEE10041150JDF1	10/4/2010	2,4,6-Trichlorophenol	1400	ug/Kg	U
SEE10011120JDF1	10/1/2010	2,4,6-Trichlorophenol	1400	ug/Kg	U
SEE09301205RCM1	9/30/2010	2,4,6-Trichlorophenol	1400	ug/Kg	U
SEE09271130JDF1	9/27/2010	2,4,6-Trichlorophenol	1400	ug/Kg	U
SEE09261215JDF1	9/26/2010	2,4,6-Trichlorophenol	1400	ug/Kg	U
SEE09230955RCM1	9/23/2010	2,4,6-Trichlorophenol	1400	ug/Kg	U
SEE09221440JDF1	9/22/2010	2,4,6-Trichlorophenol	1400	ug/Kg	U
SEE09211155JDF1	9/21/2010	2,4,6-Trichlorophenol	1400	ug/Kg	U
SEE09201115RCM1	9/20/2010	2,4,6-Trichlorophenol	1400	ug/Kg	U
SEE09171445RCM1	9/17/2010	2,4,6-Trichlorophenol	1400	ug/Kg	U
SEE09161035RCM1	9/16/2010	2,4,6-Trichlorophenol	1400	ug/Kg	U
SEE09151015PML1	9/15/2010	2,4,6-Trichlorophenol	1400	ug/Kg	U
SEE09131620PML1	9/13/2010	2,4,6-Trichlorophenol	1400	ug/Kg	U
SEE09121450PML1	9/12/2010	2,4,6-Trichlorophenol	1400	ug/Kg	UJ
SEE09111015PML1	9/11/2010	2,4,6-Trichlorophenol	1400	ug/Kg	UJ
SEE09040950PML1	9/4/2010	2,4,6-Trichlorophenol	1400	ug/Kg	U
SEE09011050PML1	9/1/2010	2,4,6-Trichlorophenol	1400	ug/Kg	U
SEE08301520JRP1	8/30/2010	2,4,6-Trichlorophenol	1400	ug/Kg	U
SEE08261620RCM1	8/26/2010	2,4,6-Trichlorophenol	1400	ug/kg	U
SEE10111125JDF1	10/11/2010	2,4,6-Trichlorophenol	1300	ug/Kg	U
SEE10031425JDF1	10/3/2010	2,4,6-Trichlorophenol	1300	ug/Kg	U
SEE09291035JDF1	9/29/2010	2,4,6-Trichlorophenol	1300	ug/Kg	U
SEE09250905RCM1	9/25/2010	2,4,6-Trichlorophenol	1300	ug/Kg	U
SEE09211530JDF1	9/21/2010	2,4,6-Trichlorophenol	1300	ug/Kg	U
SEE09170945PML1	9/17/2010	2,4,6-Trichlorophenol	1300	ug/Kg	U
SEE09171125PML1	9/17/2010	2,4,6-Trichlorophenol	1300	ug/Kg	U
SEE09130940PML1	9/13/2010	2,4,6-Trichlorophenol	1300	ug/Kg	U
SEE09131125PML1	9/13/2010	2,4,6-Trichlorophenol	1300	ug/Kg	U
SEE09091145PML1	9/9/2010	2,4,6-Trichlorophenol	1300	ug/Kg	U
SEE09091410PML1	9/9/2010	2,4,6-Trichlorophenol	1300	ug/Kg	U
SEE09091605PML1	9/9/2010	2,4,6-Trichlorophenol	1300	ug/Kg	U
SEE09061130MHS1	9/6/2010	2,4,6-Trichlorophenol	1300	ug/Kg	U
SEE09051015PML1	9/5/2010	2,4,6-Trichlorophenol	1300	ug/Kg	U
SEE09041350PML1	9/4/2010	2,4,6-Trichlorophenol	1300	ug/Kg	U
SEE09011255PML1	9/1/2010	2,4,6-Trichlorophenol	1300	ug/Kg	U
SEE08301445JRP1	8/30/2010	2,4,6-Trichlorophenol	1300	ug/Kg	U
SEE08261445JRP1	8/26/2010	2,4,6-Trichlorophenol	1300	ug/Kg	U
SEE10161055JDF1	10/16/2010	2,4,6-Trichlorophenol	1200	ug/Kg	U
SEE10161415JDF1	10/16/2010	2,4,6-Trichlorophenol	1200	ug/Kg	U
SEE10151055ARM1	10/15/2010	2,4,6-Trichlorophenol	1200	ug/Kg	U
SEE10121415ARM1	10/12/2010	2,4,6-Trichlorophenol	1200	ug/Kg	U
SEE10111011JDF1	10/11/2010	2,4,6-Trichlorophenol	1200	ug/Kg	U
SEE10111350JDF1	10/11/2010	2,4,6-Trichlorophenol	1200	ug/Kg	U
SEE10071205PML1	10/7/2010	2,4,6-Trichlorophenol	1200	ug/Kg	U
SEE10071540PML1	10/7/2010	2,4,6-Trichlorophenol	1200	ug/Kg	U
SEE09301255MAE1	9/30/2010	2,4,6-Trichlorophenol	1200	ug/Kg	U
SEE09290925JDF1	9/29/2010	2,4,6-Trichlorophenol	1200	ug/Kg	U
SEE09271515JDF1	9/27/2010	2,4,6-Trichlorophenol	1200	ug/Kg	U
SEE09221105JDF1	9/22/2010	2,4,6-Trichlorophenol	1200	ug/Kg	U
SEE09221615JDF1	9/22/2010	2,4,6-Trichlorophenol	1200	ug/Kg	U
SEE09211112RCM1	9/21/2010	2,4,6-Trichlorophenol	1200	ug/Kg	U
SEE09201645ARM1	9/20/2010	2,4,6-Trichlorophenol	1200	ug/Kg	U
SEE09171530PML1	9/17/2010	2,4,6-Trichlorophenol	1200	ug/Kg	U
SEE09091010PML1	9/9/2010	2,4,6-Trichlorophenol	1200	ug/Kg	U
SEE09091025JRP1	9/9/2010	2,4,6-Trichlorophenol	1200	ug/Kg	U
SEE09031115JAW1	9/3/2010	2,4,6-Trichlorophenol	1200	ug/Kg	U
SEE09011145PML1	9/1/2010	2,4,6-Trichlorophenol	1200	ug/Kg	U
SEE08301015JRP1	8/30/2010	2,4,6-Trichlorophenol	1200	ug/Kg	U

**TABLE B-2b**  
**Upstream Sediment Samples (Morrow Lake)**

Sample ID	Sample Date	Analyte	Result	Unit	Data Qualifier
SEE08301530JAW1	8/30/2010	2,4,6-Trichlorophenol	1200	ug/Kg	U
SEE08261420RCM1	8/26/2010	2,4,6-Trichlorophenol	1200	ug/kg	U
SEE10121030JDF1	10/12/2010	2,4,6-Trichlorophenol	1100	ug/Kg	U
SEE10040945JDF1	10/4/2010	2,4,6-Trichlorophenol	1100	ug/Kg	U
SEE10041050JDF1	10/4/2010	2,4,6-Trichlorophenol	1100	ug/Kg	U
SEE10041335JDF1	10/4/2010	2,4,6-Trichlorophenol	1100	ug/Kg	U
SEE09291645JDF1	9/29/2010	2,4,6-Trichlorophenol	1100	ug/Kg	U
SEE09271025ARM1	9/27/2010	2,4,6-Trichlorophenol	1100	ug/Kg	U
SEE09231130ARM1	9/23/2010	2,4,6-Trichlorophenol	1100	ug/Kg	U
SEE09141312RCM1	9/14/2010	2,4,6-Trichlorophenol	1100	ug/Kg	U
SEE09130955JRP1	9/13/2010	2,4,6-Trichlorophenol	1100	ug/Kg	U
SEE10211035JDF1	10/21/2010	2,4,6-Trichlorophenol	960	ug/Kg	UJ
SEE10151355ARM1	10/15/2010	2,4,6-Trichlorophenol	960	ug/Kg	U
SEE10041355ARM1	10/4/2010	2,4,6-Trichlorophenol	960	ug/Kg	U
SEE08311010JRP1	8/31/2010	2,4,6-Trichlorophenol	940	ug/Kg	U
SEE09090900JRP1	9/9/2010	2,4,6-Trichlorophenol	930	ug/Kg	U
SEE08311348MHS1	8/31/2010	2,4,6-Trichlorophenol	930	ug/Kg	U
SEE10071415ARM1	10/7/2010	2,4,6-Trichlorophenol	920	ug/Kg	U
SEE10170915JDF1	10/17/2010	2,4,6-Trichlorophenol	910	ug/Kg	U
SEE09291135JDF1	9/29/2010	2,4,6-Trichlorophenol	910	ug/Kg	U
SEE10191005JDF1	10/19/2010	2,4,6-Trichlorophenol	880	ug/Kg	U
SEE10211430JDF1	10/21/2010	2,4,6-Trichlorophenol	860	ug/Kg	U
SEE10071151RCM1	10/7/2010	2,4,6-Trichlorophenol	840	ug/Kg	U
SEE10221110JDF1	10/22/2010	2,4,6-Trichlorophenol	830	ug/Kg	U
SEE10221110JDF1	10/22/2010	2,4,6-Trichlorophenol	830	ug/Kg	U
SEE08281607TWH1	8/28/2010	2,4,6-Trichlorophenol	830	ug/kg	U
SEE08281630RCM1	8/28/2010	2,4,6-Trichlorophenol	830	ug/kg	U
SEE10191515JDF1	10/19/2010	2,4,6-Trichlorophenol	820	ug/Kg	U
SEE08300920JRP1	8/30/2010	2,4,6-Trichlorophenol	810	ug/Kg	U
SEE10191415JDF1	10/19/2010	2,4,6-Trichlorophenol	790	ug/Kg	U
SEE10191155JDF1	10/19/2010	2,4,6-Trichlorophenol	780	ug/Kg	U
SEE10211010JWP1	10/21/2010	2,4,6-Trichlorophenol	770	ug/Kg	U
SEE09051500MHS1	9/5/2010	2,4,6-Trichlorophenol	750	ug/Kg	U
SEE10191100JDF1	10/19/2010	2,4,6-Trichlorophenol	740	ug/Kg	U
SEE10141025ARM1	10/14/2010	2,4,6-Trichlorophenol	730	ug/Kg	U
SEE08281505PML1	8/28/2010	2,4,6-Trichlorophenol	730	ug/kg	U
SEE08271215PML1	8/27/2010	2,4,6-Trichlorophenol	720	ug/kg	U
SEE10221055DWS1	10/22/2010	2,4,6-Trichlorophenol	710	ug/Kg	U
SEE10191010JWP1	10/19/2010	2,4,6-Trichlorophenol	690	ug/Kg	U
SEE08271614TWH1	8/27/2010	2,4,6-Trichlorophenol	690	ug/kg	U
SEE08271500PML1	8/27/2010	2,4,6-Trichlorophenol	660	ug/kg	U
SEE10091200ARM1	10/9/2010	2,4,6-Trichlorophenol	650	ug/Kg	U
SEE09130915JRP1	9/13/2010	2,4,6-Trichlorophenol	650	ug/Kg	U
SEE08291110PML1	8/29/2010	2,4,6-Trichlorophenol	590	ug/kg	U
SEE09061610JAW1	9/6/2010	2,4,6-Trichlorophenol	570	ug/Kg	U
SEE08281215PML1	8/28/2010	2,4,6-Trichlorophenol	570	ug/kg	U
SEE08281420TWH1	8/28/2010	2,4,6-Trichlorophenol	570	ug/kg	U
SEE10051415ARM1	10/5/2010	2,4,6-Trichlorophenol	560	ug/Kg	U
SEE10171535ARM1	10/17/2010	2,4,6-Trichlorophenol	540	ug/Kg	U
SEE08281510TWH1	8/28/2010	2,4,6-Trichlorophenol	540	ug/kg	U
SEE08261700JRP1	8/26/2010	2,4,6-Trichlorophenol	530	ug/Kg	U
SEE09100945RCM1	9/10/2010	2,4,6-Trichlorophenol	520	ug/Kg	UJ
SEE08301410JRP1	8/30/2010	2,4,6-Trichlorophenol	510	ug/Kg	U
SEE08291421KAP1	8/29/2010	2,4,6-Trichlorophenol	510	ug/kg	U
SEE10011125ARM1	10/1/2010	2,4,6-Trichlorophenol	500	ug/Kg	U
SEE08271652TWH1	8/27/2010	2,4,6-Trichlorophenol	500	ug/kg	U
SEE09211120ARM1	9/21/2010	2,4,6-Trichlorophenol	490	ug/Kg	U
SEE09201110ARM1	9/20/2010	2,4,6-Trichlorophenol	490	ug/Kg	U
SEE10081035ARM1	10/8/2010	2,4,6-Trichlorophenol	470	ug/Kg	U
SEE09171200ARM1	9/17/2010	2,4,6-Trichlorophenol	470	ug/Kg	U



**TABLE B-2b**  
**Upstream Sediment Samples (Morrow Lake)**

Sample ID	Sample Date	Analyte	Result	Unit	Data Qualifier
SEF10011045TDF1	10/1/2010	2,4,6-Trichlorophenol	460	ug/Kg	U
SEE09290915MAE1	9/29/2010	2,4,6-Trichlorophenol	460	ug/Kg	U
SEE09200911RCM1	9/20/2010	2,4,6-Trichlorophenol	460	ug/Kg	U
SEE09140945JRP1	9/14/2010	2,4,6-Trichlorophenol	460	ug/Kg	U
SEE09271500ARM1	9/27/2010	2,4,6-Trichlorophenol	450	ug/Kg	U
SEE09231205RCM1	9/23/2010	2,4,6-Trichlorophenol	450	ug/Kg	U
SEE09281445RCM1	9/28/2010	2,4,6-Trichlorophenol	440	ug/Kg	U
SEE09251235ARM1	9/25/2010	2,4,6-Trichlorophenol	440	ug/Kg	U
SEE09150915JRP1	9/15/2010	2,4,6-Trichlorophenol	440	ug/Kg	U
SEE09070930JRP1	9/7/2010	2,4,6-Trichlorophenol	440	ug/Kg	U
SEE08301100JRP1	8/30/2010	2,4,6-Trichlorophenol	440	ug/Kg	U
SEF10081108TDF3	10/8/2010	2,4,6-Trichlorophenol	430	ug/Kg	U
SEE10071045ARM1	10/7/2010	2,4,6-Trichlorophenol	430	ug/Kg	U
SEE10041045ARM1	10/4/2010	2,4,6-Trichlorophenol	430	ug/Kg	U
SEE10011043RCM1	10/1/2010	2,4,6-Trichlorophenol	430	ug/Kg	U
SEE09231035ARM1	9/23/2010	2,4,6-Trichlorophenol	430	ug/Kg	U
SEE09170935RCM1	9/17/2010	2,4,6-Trichlorophenol	430	ug/Kg	U
SEF10151030PMB3	10/15/2010	2,4,6-Trichlorophenol	420	ug/Kg	U
SEF10121130PMB3	10/12/2010	2,4,6-Trichlorophenol	420	ug/Kg	U
SEF10051206TDF3	10/5/2010	2,4,6-Trichlorophenol	420	ug/Kg	U
SEE09100920JRP1	9/10/2010	2,4,6-Trichlorophenol	420	ug/Kg	UJ
SEE09051500JAW1	9/5/2010	2,4,6-Trichlorophenol	420	ug/Kg	U
SEB09011143JLS1	9/1/2010	2,4,6-Trichlorophenol	420	ug/Kg	U
SEE10061135ARM1	10/6/2010	2,4,6-Trichlorophenol	410	ug/Kg	U
SEE08291550KAP1	8/29/2010	2,4,6-Trichlorophenol	410	ug/kg	U
SEE10131035ARM1	10/13/2010	2,4,6-Trichlorophenol	400	ug/Kg	U
SEE10051145RCM1	10/5/2010	2,4,6-Trichlorophenol	400	ug/Kg	U
SEE09301025MAE1	9/30/2010	2,4,6-Trichlorophenol	400	ug/Kg	U
SEE09221045ARM1	9/22/2010	2,4,6-Trichlorophenol	400	ug/Kg	U
SEE09080930JRP1	9/8/2010	2,4,6-Trichlorophenol	400	ug/Kg	U
SEE09011515JAW1	9/1/2010	2,4,6-Trichlorophenol	400	ug/Kg	U
SEE10221450DWS1	10/22/2010	2,4,6-Trichlorophenol	390	ug/Kg	U
SEE10121040ARM1	10/12/2010	2,4,6-Trichlorophenol	390	ug/Kg	U
SEF09281139TDF1	9/28/2010	2,4,6-Trichlorophenol	390	ug/Kg	U
SEE10181030JWP1	10/18/2010	2,4,6-Trichlorophenol	370	ug/Kg	U
SEE10211345JWP1	10/21/2010	2,4,6-Trichlorophenol	330	ug/Kg	U
SEE08291354KAP1	8/29/2010	2,4,6-Trichlorophenol	330	ug/kg	U
SEE08291445PML1	8/29/2010	2,4,6-Trichlorophenol	270	ug/kg	U
SEF10221050MAE3	10/22/2010	2,4,6-Trichlorophenol	240	ug/Kg	U
SEF10191135NAC3	10/19/2010	2,4,6-Trichlorophenol	240	ug/Kg	U
SEE08271445JRP1	8/27/2010	2,4,6-Trichlorophenol	230	ug/kg	U
SEE08271536TWH1	8/27/2010	2,4,6-Trichlorophenol	220	ug/kg	U
SEE10191115JWP1	10/19/2010	2,4,6-Trichlorophenol	210	ug/Kg	U
SEB08281400JLS1	8/28/2010	2,4,6-Trichlorophenol	210	ug/kg	U
SEE08281540JRP1	8/28/2010	2,4,6-Trichlorophenol	210	ug/kg	U
ML-07-S-081810	8/18/2010	2,4,6-Trichlorophenol	0.37	mg/Kg	UJ
ML-06-S-082310	8/23/2010	2,4,6-Trichlorophenol	0.33	mg/Kg	U
ML-04-S-081710	8/17/2010	2,4,6-Trichlorophenol	0.32	mg/Kg	U
ML-04-S-082610	8/26/2010	2,4,6-Trichlorophenol	0.31	mg/Kg	U
ML-03-S-082310	8/23/2010	2,4,6-Trichlorophenol	0.31	mg/Kg	U
ML-10-S-081910	8/19/2010	2,4,6-Trichlorophenol	0.31	mg/Kg	U
ML-10-S-081910	8/19/2010	2,4,6-Trichlorophenol	0.31	mg/Kg	U
ML-09-S-081810	8/18/2010	2,4,6-Trichlorophenol	0.31	mg/Kg	UJ
ML-06-S-081710	8/17/2010	2,4,6-Trichlorophenol	0.31	mg/Kg	U
ML-10-S-082610	8/26/2010	2,4,6-Trichlorophenol	0.30	mg/Kg	U
ML-10-S-082610	8/26/2010	2,4,6-Trichlorophenol	0.30	mg/Kg	U
ML-05-S-082310	8/23/2010	2,4,6-Trichlorophenol	0.28	mg/Kg	U
ML-01-S-081910	8/19/2010	2,4,6-Trichlorophenol	0.27	mg/Kg	U
ML-05-S-081710	8/17/2010	2,4,6-Trichlorophenol	0.26	mg/Kg	U
ML-02-S-082310	8/23/2010	2,4,6-Trichlorophenol	0.25	mg/Kg	U

**TABLE B-2b**  
**Upstream Sediment Samples (Morrow Lake)**

Sample ID	Sample Date	Analyte	Result	Unit	Data Qualifier
ML-02-S-081710	8/17/2010	2,4,6-Trichlorophenol	0.24	mg/Kg	U
ML-06-S-082510	8/25/2010	2,4,6-Trichlorophenol	0.18	mg/Kg	U
ML-07-S-082410	8/24/2010	2,4,6-Trichlorophenol	0.18	mg/Kg	UJ
ML-07-S-082110	8/21/2010	2,4,6-Trichlorophenol	0.18	mg/Kg	U
ML-05-S-082610	8/26/2010	2,4,6-Trichlorophenol	0.17	mg/Kg	U
ML-07-S-082510	8/25/2010	2,4,6-Trichlorophenol	0.17	mg/Kg	U
ML-08-S-082110	8/21/2010	2,4,6-Trichlorophenol	0.17	mg/Kg	U
ML-07-S-081610	8/16/2010	2,4,6-Trichlorophenol	0.17	mg/Kg	U
ML-08-S-081610	8/16/2010	2,4,6-Trichlorophenol	0.17	mg/Kg	U
ML-08-S-082510	8/25/2010	2,4,6-Trichlorophenol	0.16	mg/Kg	U
ML-08-S-082410	8/24/2010	2,4,6-Trichlorophenol	0.16	mg/Kg	UJ
ML-06-S-082010	8/20/2010	2,4,6-Trichlorophenol	0.16	mg/Kg	U
ML-01-S-081610	8/16/2010	2,4,6-Trichlorophenol	0.16	mg/Kg	U
ML-01-S-082510	8/25/2010	2,4,6-Trichlorophenol	0.15	mg/Kg	U
ML-09-S-082510	8/25/2010	2,4,6-Trichlorophenol	0.15	mg/Kg	U
ML-04-S-082410	8/24/2010	2,4,6-Trichlorophenol	0.15	mg/Kg	UJ
ML-10-S-082410	8/24/2010	2,4,6-Trichlorophenol	0.15	mg/Kg	UJ
ML-10-S-082410	8/24/2010	2,4,6-Trichlorophenol	0.15	mg/Kg	UJ
ML-09-S-082110	8/21/2010	2,4,6-Trichlorophenol	0.15	mg/Kg	U
ML-10-S-082110	8/21/2010	2,4,6-Trichlorophenol	0.15	mg/Kg	U
ML-10-S-082110	8/21/2010	2,4,6-Trichlorophenol	0.15	mg/Kg	U
ML-05-S-082010	8/20/2010	2,4,6-Trichlorophenol	0.15	mg/Kg	U
ML-10-S-081610	8/16/2010	2,4,6-Trichlorophenol	0.15	mg/Kg	U
ML-10-S-081610	8/16/2010	2,4,6-Trichlorophenol	0.15	mg/Kg	U
ML-02-S-082510	8/25/2010	2,4,6-Trichlorophenol	0.14	mg/Kg	U
ML-09-S-082410	8/24/2010	2,4,6-Trichlorophenol	0.14	mg/Kg	UJ
ML-01-S-082110	8/21/2010	2,4,6-Trichlorophenol	0.14	mg/Kg	U
ML-03-S-082510	8/25/2010	2,4,6-Trichlorophenol	0.13	mg/Kg	U
ML-02-S-082010	8/20/2010	2,4,6-Trichlorophenol	0.13	mg/Kg	U
ML-03-S-082010	8/20/2010	2,4,6-Trichlorophenol	0.13	mg/Kg	U
ML-04-S-082010	8/20/2010	2,4,6-Trichlorophenol	0.13	mg/Kg	U
ML-03-S-081610	8/16/2010	2,4,6-Trichlorophenol	0.12	mg/Kg	U
SEE09011635PML1	9/1/2010	2,4-Dichlorophenol	6000	ug/Kg	U
SEE09051430PML1	9/5/2010	2,4-Dichlorophenol	5900	ug/Kg	U
SEE10051125PML1	10/5/2010	2,4-Dichlorophenol	1800	ug/Kg	U
SEE09301105JDF1	9/30/2010	2,4-Dichlorophenol	1800	ug/Kg	U
SEE09061500PML1	9/6/2010	2,4-Dichlorophenol	1800	ug/Kg	U
SEE09021400PML1	9/2/2010	2,4-Dichlorophenol	1800	ug/Kg	U
SEE08301130PML1	8/30/2010	2,4-Dichlorophenol	1800	ug/Kg	U
SEE10171410JDF1	10/17/2010	2,4-Dichlorophenol	1700	ug/Kg	U
SEE10131150JDF1	10/13/2010	2,4-Dichlorophenol	1700	ug/Kg	U
SEE10081115PML1	10/8/2010	2,4-Dichlorophenol	1700	ug/Kg	U
SEE09301255JDF1	9/30/2010	2,4-Dichlorophenol	1700	ug/Kg	U
SEE09231645JDF1	9/23/2010	2,4-Dichlorophenol	1700	ug/Kg	U
SEE09181235PML1	9/18/2010	2,4-Dichlorophenol	1700	ug/Kg	U
SEE09141135PML1	9/14/2010	2,4-Dichlorophenol	1700	ug/Kg	U
SEE09121105RCM1	9/12/2010	2,4-Dichlorophenol	1700	ug/Kg	UJ
SEE09101022PML1	9/10/2010	2,4-Dichlorophenol	1700	ug/Kg	UJ
SEE09101215PML1	9/10/2010	2,4-Dichlorophenol	1700	ug/Kg	UJ
SEE09091410RCM1	9/9/2010	2,4-Dichlorophenol	1700	ug/Kg	U
SEE09081020RCM1	9/8/2010	2,4-Dichlorophenol	1700	ug/Kg	U
SEE09031645MHS1	9/3/2010	2,4-Dichlorophenol	1700	ug/Kg	U
SEE09011545MHS1	9/1/2010	2,4-Dichlorophenol	1700	ug/Kg	U
SEE09011545PML1	9/1/2010	2,4-Dichlorophenol	1700	ug/Kg	U
SEE08311420PML1	8/31/2010	2,4-Dichlorophenol	1700	ug/Kg	U
SEE08311420PML1	8/31/2010	2,4-Dichlorophenol	1700	ug/Kg	U
SEE10181035JDF1	10/18/2010	2,4-Dichlorophenol	1600	ug/Kg	U
SEE10091401PML1	10/9/2010	2,4-Dichlorophenol	1600	ug/Kg	UJ
SEE10091614PML1	10/9/2010	2,4-Dichlorophenol	1600	ug/Kg	UJ
SEE10051653PML1	10/5/2010	2,4-Dichlorophenol	1600	ug/Kg	U

**TABLE B-2b**  
**Upstream Sediment Samples (Morrow Lake)**

Sample ID	Sample Date	Analyte	Result	Unit	Data Qualifier
SEE10041530JDF1	10/4/2010	2,4-Dichlorophenol	1600	ug/Kg	U
SEE09291023RCM1	9/29/2010	2,4-Dichlorophenol	1600	ug/Kg	U
SEE09231210JDF1	9/23/2010	2,4-Dichlorophenol	1600	ug/Kg	U
SEE09141515PML1	9/14/2010	2,4-Dichlorophenol	1600	ug/Kg	U
SEE09131026RCM1	9/13/2010	2,4-Dichlorophenol	1600	ug/Kg	U
SEE09121436RCM1	9/12/2010	2,4-Dichlorophenol	1600	ug/Kg	UJ
SEE09101625PML1	9/10/2010	2,4-Dichlorophenol	1600	ug/Kg	UJ
SEE09061525MHS1	9/6/2010	2,4-Dichlorophenol	1600	ug/Kg	U
SEE09051130PML1	9/5/2010	2,4-Dichlorophenol	1600	ug/Kg	U
SEE09051550MHS1	9/5/2010	2,4-Dichlorophenol	1600	ug/Kg	U
SEE09030925PML1	9/3/2010	2,4-Dichlorophenol	1600	ug/Kg	U
SEE09031100PML1	9/3/2010	2,4-Dichlorophenol	1600	ug/Kg	U
SEE09021010PML1	9/2/2010	2,4-Dichlorophenol	1600	ug/Kg	U
SEE08301550PML1	8/30/2010	2,4-Dichlorophenol	1600	ug/Kg	U
SEE08301638MHS1	8/30/2010	2,4-Dichlorophenol	1600	ug/Kg	U
SEE08271145RCM1	8/27/2010	2,4-Dichlorophenol	1600	ug/kg	U
SEE10181510JDF1	10/18/2010	2,4-Dichlorophenol	1500	ug/Kg	U
SEE10181510JDF1	10/18/2010	2,4-Dichlorophenol	1500	ug/Kg	U
SEE10171115JDF1	10/17/2010	2,4-Dichlorophenol	1500	ug/Kg	U
SEE10141015JDF1	10/14/2010	2,4-Dichlorophenol	1500	ug/Kg	UJ
SEE10141150JDF1	10/14/2010	2,4-Dichlorophenol	1500	ug/Kg	UJ
SEE10141555ARM1	10/14/2010	2,4-Dichlorophenol	1500	ug/Kg	UJ
SEE10121155JDF1	10/12/2010	2,4-Dichlorophenol	1500	ug/Kg	U
SEE10101010PML1	10/10/2010	2,4-Dichlorophenol	1500	ug/Kg	U
SEE10101215PML1	10/10/2010	2,4-Dichlorophenol	1500	ug/Kg	U
SEE10101215PML1	10/10/2010	2,4-Dichlorophenol	1500	ug/Kg	U
SEE10081051RCM1	10/8/2010	2,4-Dichlorophenol	1500	ug/Kg	U
SEE10061051RCM1	10/6/2010	2,4-Dichlorophenol	1500	ug/Kg	U
SEE10061205PML1	10/6/2010	2,4-Dichlorophenol	1500	ug/Kg	U
SEE10041138RCM1	10/4/2010	2,4-Dichlorophenol	1500	ug/Kg	U
SEE10031115JDF1	10/3/2010	2,4-Dichlorophenol	1500	ug/Kg	U
SEE10031115JDF1	10/3/2010	2,4-Dichlorophenol	1500	ug/Kg	U
SEE09260930RCM1	9/26/2010	2,4-Dichlorophenol	1500	ug/Kg	U
SEE09261625JDF1	9/26/2010	2,4-Dichlorophenol	1500	ug/Kg	U
SEE09261625JDF1	9/26/2010	2,4-Dichlorophenol	1500	ug/Kg	U
SEE09251135JDF1	9/25/2010	2,4-Dichlorophenol	1500	ug/Kg	UJ
SEE09220935RCM1	9/22/2010	2,4-Dichlorophenol	1500	ug/Kg	U
SEE09200945PML1	9/20/2010	2,4-Dichlorophenol	1500	ug/Kg	U
SEE09200945PML1	9/20/2010	2,4-Dichlorophenol	1500	ug/Kg	U
SEE09191040PML1	9/19/2010	2,4-Dichlorophenol	1500	ug/Kg	U
SEE09191445RCM1	9/19/2010	2,4-Dichlorophenol	1500	ug/Kg	U
SEE09191530PML1	9/19/2010	2,4-Dichlorophenol	1500	ug/Kg	U
SEE09181705PML1	9/18/2010	2,4-Dichlorophenol	1500	ug/Kg	U
SEE09170839RCM1	9/17/2010	2,4-Dichlorophenol	1500	ug/Kg	U
SEE09171415PML1	9/17/2010	2,4-Dichlorophenol	1500	ug/Kg	U
SEE09161045PML1	9/16/2010	2,4-Dichlorophenol	1500	ug/Kg	U
SEE09151145PML1	9/15/2010	2,4-Dichlorophenol	1500	ug/Kg	U
SEE09151145PML1	9/15/2010	2,4-Dichlorophenol	1500	ug/Kg	U
SEE09140945PML1	9/14/2010	2,4-Dichlorophenol	1500	ug/Kg	U
SEE09131445RCM1	9/13/2010	2,4-Dichlorophenol	1500	ug/Kg	U
SEE09131505PML1	9/13/2010	2,4-Dichlorophenol	1500	ug/Kg	U
SEE09121055PML1	9/12/2010	2,4-Dichlorophenol	1500	ug/Kg	UJ
SEE09121055PML1	9/12/2010	2,4-Dichlorophenol	1500	ug/Kg	UJ
SEE09091005RCM1	9/9/2010	2,4-Dichlorophenol	1500	ug/Kg	U
SEE09091515PML1	9/9/2010	2,4-Dichlorophenol	1500	ug/Kg	U
SEE09081010PML1	9/8/2010	2,4-Dichlorophenol	1500	ug/Kg	U
SEE09081205PML1	9/8/2010	2,4-Dichlorophenol	1500	ug/Kg	U
SEE09071050PML1	9/7/2010	2,4-Dichlorophenol	1500	ug/Kg	UJ
SEE09061105PML1	9/6/2010	2,4-Dichlorophenol	1500	ug/Kg	U
SEE09031140MHS1	9/3/2010	2,4-Dichlorophenol	1500	ug/Kg	U

**TABLE B-2b**  
**Upstream Sediment Samples (Morrow Lake)**

Sample ID	Sample Date	Analyte	Result	Unit	Data Qualifier
SEE09031650PML1	9/3/2010	2,4-Dichlorophenol	1500	ug/Kg	U
SEE09031650PML1	9/3/2010	2,4-Dichlorophenol	1500	ug/Kg	U
SEE08311045PML1	8/31/2010	2,4-Dichlorophenol	1500	ug/Kg	U
SEE08301145MHS1	8/30/2010	2,4-Dichlorophenol	1500	ug/Kg	U
SEE10181210JDF1	10/18/2010	2,4-Dichlorophenol	1400	ug/Kg	U
SEE10181430JWP1	10/18/2010	2,4-Dichlorophenol	1400	ug/Kg	U
SEE10161115ARM1	10/16/2010	2,4-Dichlorophenol	1400	ug/Kg	U
SEE10161530JDF1	10/16/2010	2,4-Dichlorophenol	1400	ug/Kg	U
SEE10150945JDF1	10/15/2010	2,4-Dichlorophenol	1400	ug/Kg	U
SEE10141550JDF1	10/14/2010	2,4-Dichlorophenol	1400	ug/Kg	UJ
SEE10141550JDF1	10/14/2010	2,4-Dichlorophenol	1400	ug/Kg	UJ
SEE10120930JDF1	10/12/2010	2,4-Dichlorophenol	1400	ug/Kg	U
SEE10081231PML1	10/8/2010	2,4-Dichlorophenol	1400	ug/Kg	U
SEE10071042RCM1	10/7/2010	2,4-Dichlorophenol	1400	ug/Kg	U
SEE10071101PML1	10/7/2010	2,4-Dichlorophenol	1400	ug/Kg	U
SEE10061640PML1	10/6/2010	2,4-Dichlorophenol	1400	ug/Kg	U
SEE10061640PML1	10/6/2010	2,4-Dichlorophenol	1400	ug/Kg	U
SEE10041150JDF1	10/4/2010	2,4-Dichlorophenol	1400	ug/Kg	U
SEE10011120JDF1	10/1/2010	2,4-Dichlorophenol	1400	ug/Kg	UJ
SEE09301205RCM1	9/30/2010	2,4-Dichlorophenol	1400	ug/Kg	U
SEE09271130JDF1	9/27/2010	2,4-Dichlorophenol	1400	ug/Kg	U
SEE09261215JDF1	9/26/2010	2,4-Dichlorophenol	1400	ug/Kg	U
SEE09230955RCM1	9/23/2010	2,4-Dichlorophenol	1400	ug/Kg	U
SEE09221440JDF1	9/22/2010	2,4-Dichlorophenol	1400	ug/Kg	U
SEE09211155JDF1	9/21/2010	2,4-Dichlorophenol	1400	ug/Kg	UJ
SEE09201115RCM1	9/20/2010	2,4-Dichlorophenol	1400	ug/Kg	U
SEE09171445RCM1	9/17/2010	2,4-Dichlorophenol	1400	ug/Kg	U
SEE09161035RCM1	9/16/2010	2,4-Dichlorophenol	1400	ug/Kg	U
SEE09151015PML1	9/15/2010	2,4-Dichlorophenol	1400	ug/Kg	U
SEE09131620PML1	9/13/2010	2,4-Dichlorophenol	1400	ug/Kg	UJ
SEE09121450PML1	9/12/2010	2,4-Dichlorophenol	1400	ug/Kg	UJ
SEE09111015PML1	9/11/2010	2,4-Dichlorophenol	1400	ug/Kg	UJ
SEE09040950PML1	9/4/2010	2,4-Dichlorophenol	1400	ug/Kg	U
SEE09011050PML1	9/1/2010	2,4-Dichlorophenol	1400	ug/Kg	U
SEE08301520JRP1	8/30/2010	2,4-Dichlorophenol	1400	ug/Kg	U
SEE08261620RCM1	8/26/2010	2,4-Dichlorophenol	1400	ug/kg	U
SEE10111125JDF1	10/11/2010	2,4-Dichlorophenol	1300	ug/Kg	U
SEE10031425JDF1	10/3/2010	2,4-Dichlorophenol	1300	ug/Kg	U
SEE09291035JDF1	9/29/2010	2,4-Dichlorophenol	1300	ug/Kg	U
SEE09250905RCM1	9/25/2010	2,4-Dichlorophenol	1300	ug/Kg	UJ
SEE09211530JDF1	9/21/2010	2,4-Dichlorophenol	1300	ug/Kg	UJ
SEE09170945PML1	9/17/2010	2,4-Dichlorophenol	1300	ug/Kg	U
SEE09171125PML1	9/17/2010	2,4-Dichlorophenol	1300	ug/Kg	U
SEE09130940PML1	9/13/2010	2,4-Dichlorophenol	1300	ug/Kg	U
SEE09131125PML1	9/13/2010	2,4-Dichlorophenol	1300	ug/Kg	U
SEE09091145PML1	9/9/2010	2,4-Dichlorophenol	1300	ug/Kg	U
SEE09091410PML1	9/9/2010	2,4-Dichlorophenol	1300	ug/Kg	U
SEE09091605PML1	9/9/2010	2,4-Dichlorophenol	1300	ug/Kg	U
SEE09061130MHS1	9/6/2010	2,4-Dichlorophenol	1300	ug/Kg	U
SEE09051015PML1	9/5/2010	2,4-Dichlorophenol	1300	ug/Kg	U
SEE09041350PML1	9/4/2010	2,4-Dichlorophenol	1300	ug/Kg	U
SEE09011255PML1	9/1/2010	2,4-Dichlorophenol	1300	ug/Kg	U
SEE08301445JRP1	8/30/2010	2,4-Dichlorophenol	1300	ug/Kg	U
SEE08261445JRP1	8/26/2010	2,4-Dichlorophenol	1300	ug/Kg	U
SEE10161055JDF1	10/16/2010	2,4-Dichlorophenol	1200	ug/Kg	U
SEE10161415JDF1	10/16/2010	2,4-Dichlorophenol	1200	ug/Kg	U
SEE10151055ARM1	10/15/2010	2,4-Dichlorophenol	1200	ug/Kg	U
SEE10121415ARM1	10/12/2010	2,4-Dichlorophenol	1200	ug/Kg	U
SEE10111011JDF1	10/11/2010	2,4-Dichlorophenol	1200	ug/Kg	U
SEE10111350JDF1	10/11/2010	2,4-Dichlorophenol	1200	ug/Kg	U

**TABLE B-2b**  
**Upstream Sediment Samples (Morrow Lake)**

Sample ID	Sample Date	Analyte	Result	Unit	Data Qualifier
SEE10071205PML1	10/7/2010	2,4-Dichlorophenol	1200	ug/Kg	U
SEE10071540PML1	10/7/2010	2,4-Dichlorophenol	1200	ug/Kg	U
SEE09301255MAE1	9/30/2010	2,4-Dichlorophenol	1200	ug/Kg	U
SEE09290925JDF1	9/29/2010	2,4-Dichlorophenol	1200	ug/Kg	U
SEE09271515JDF1	9/27/2010	2,4-Dichlorophenol	1200	ug/Kg	U
SEE09221105JDF1	9/22/2010	2,4-Dichlorophenol	1200	ug/Kg	U
SEE09221615JDF1	9/22/2010	2,4-Dichlorophenol	1200	ug/Kg	U
SEE09211112RCM1	9/21/2010	2,4-Dichlorophenol	1200	ug/Kg	UJ
SEE09201645ARM1	9/20/2010	2,4-Dichlorophenol	1200	ug/Kg	U
SEE09171530PML1	9/17/2010	2,4-Dichlorophenol	1200	ug/Kg	U
SEE09091010PML1	9/9/2010	2,4-Dichlorophenol	1200	ug/Kg	U
SEE09091025JRP1	9/9/2010	2,4-Dichlorophenol	1200	ug/Kg	U
SEE09031115JAW1	9/3/2010	2,4-Dichlorophenol	1200	ug/Kg	U
SEE09011145PML1	9/1/2010	2,4-Dichlorophenol	1200	ug/Kg	U
SEE08301015JRP1	8/30/2010	2,4-Dichlorophenol	1200	ug/Kg	U
SEE08301530JAW1	8/30/2010	2,4-Dichlorophenol	1200	ug/Kg	U
SEE08261420RCM1	8/26/2010	2,4-Dichlorophenol	1200	ug/kg	U
SEE10121030JDF1	10/12/2010	2,4-Dichlorophenol	1100	ug/Kg	U
SEE10040945JDF1	10/4/2010	2,4-Dichlorophenol	1100	ug/Kg	U
SEE10041050JDF1	10/4/2010	2,4-Dichlorophenol	1100	ug/Kg	U
SEE10041335JDF1	10/4/2010	2,4-Dichlorophenol	1100	ug/Kg	U
SEE09291645JDF1	9/29/2010	2,4-Dichlorophenol	1100	ug/Kg	U
SEE09271025ARM1	9/27/2010	2,4-Dichlorophenol	1100	ug/Kg	U
SEE09231130ARM1	9/23/2010	2,4-Dichlorophenol	1100	ug/Kg	U
SEE09141312RCM1	9/14/2010	2,4-Dichlorophenol	1100	ug/Kg	U
SEE09130955JRP1	9/13/2010	2,4-Dichlorophenol	1100	ug/Kg	U
SEE10211035JDF1	10/21/2010	2,4-Dichlorophenol	960	ug/Kg	UJ
SEE10151355ARM1	10/15/2010	2,4-Dichlorophenol	960	ug/Kg	U
SEE10041355ARM1	10/4/2010	2,4-Dichlorophenol	960	ug/Kg	U
SEE08311010JRP1	8/31/2010	2,4-Dichlorophenol	940	ug/Kg	U
SEE09090900JRP1	9/9/2010	2,4-Dichlorophenol	930	ug/Kg	U
SEE08311348MHS1	8/31/2010	2,4-Dichlorophenol	930	ug/Kg	U
SEE10071415ARM1	10/7/2010	2,4-Dichlorophenol	920	ug/Kg	U
SEE10170915JDF1	10/17/2010	2,4-Dichlorophenol	910	ug/Kg	U
SEE09291135JDF1	9/29/2010	2,4-Dichlorophenol	910	ug/Kg	U
SEE10191005JDF1	10/19/2010	2,4-Dichlorophenol	880	ug/Kg	U
SEE10211430JDF1	10/21/2010	2,4-Dichlorophenol	860	ug/Kg	U
SEE10071151RCM1	10/7/2010	2,4-Dichlorophenol	840	ug/Kg	U
SEE10221110JDF1	10/22/2010	2,4-Dichlorophenol	830	ug/Kg	U
SEE10221110JDF1	10/22/2010	2,4-Dichlorophenol	830	ug/Kg	U
SEE08281607TWH1	8/28/2010	2,4-Dichlorophenol	830	ug/kg	U
SEE08281630RCM1	8/28/2010	2,4-Dichlorophenol	830	ug/kg	U
SEE10191515JDF1	10/19/2010	2,4-Dichlorophenol	820	ug/Kg	U
SEE08300920JRP1	8/30/2010	2,4-Dichlorophenol	810	ug/Kg	U
SEE10191415JDF1	10/19/2010	2,4-Dichlorophenol	790	ug/Kg	U
SEE10191155JDF1	10/19/2010	2,4-Dichlorophenol	780	ug/Kg	U
SEE10211010JWP1	10/21/2010	2,4-Dichlorophenol	770	ug/Kg	U
SEE09051500MHS1	9/5/2010	2,4-Dichlorophenol	750	ug/Kg	U
SEE10191100JDF1	10/19/2010	2,4-Dichlorophenol	740	ug/Kg	U
SEE10141025ARM1	10/14/2010	2,4-Dichlorophenol	730	ug/Kg	UJ
SEE08281505PML1	8/28/2010	2,4-Dichlorophenol	730	ug/kg	U
SEE08271215PML1	8/27/2010	2,4-Dichlorophenol	720	ug/kg	U
SEE10221055DWS1	10/22/2010	2,4-Dichlorophenol	710	ug/Kg	U
SEE10191010JWP1	10/19/2010	2,4-Dichlorophenol	690	ug/Kg	U
SEE08271614TWH1	8/27/2010	2,4-Dichlorophenol	690	ug/kg	U
SEE08271500PML1	8/27/2010	2,4-Dichlorophenol	660	ug/kg	U
SEE10091200ARM1	10/9/2010	2,4-Dichlorophenol	650	ug/Kg	UJ
SEE09130915JRP1	9/13/2010	2,4-Dichlorophenol	650	ug/Kg	U
SEE08291110PML1	8/29/2010	2,4-Dichlorophenol	590	ug/kg	U
SEE09061610JAW1	9/6/2010	2,4-Dichlorophenol	570	ug/Kg	U

**TABLE B-2b**  
**Upstream Sediment Samples (Morrow Lake)**

Sample ID	Sample Date	Analyte	Result	Unit	Data Qualifier
SEE08281215PML1	8/28/2010	2,4-Dichlorophenol	570	ug/kg	U
SEE08281420TWH1	8/28/2010	2,4-Dichlorophenol	570	ug/kg	U
SEE10051415ARM1	10/5/2010	2,4-Dichlorophenol	560	ug/Kg	U
SEE10171535ARM1	10/17/2010	2,4-Dichlorophenol	540	ug/Kg	U
SEE08281510TWH1	8/28/2010	2,4-Dichlorophenol	540	ug/kg	U
SEE08261700JRP1	8/26/2010	2,4-Dichlorophenol	530	ug/Kg	U
SEE09100945RCM1	9/10/2010	2,4-Dichlorophenol	520	ug/Kg	UJ
SEE08301410JRP1	8/30/2010	2,4-Dichlorophenol	510	ug/Kg	U
SEE08291421KAP1	8/29/2010	2,4-Dichlorophenol	510	ug/kg	U
SEE10011125ARM1	10/1/2010	2,4-Dichlorophenol	500	ug/Kg	UJ
SEE08271652TWH1	8/27/2010	2,4-Dichlorophenol	500	ug/kg	U
SEE09211120ARM1	9/21/2010	2,4-Dichlorophenol	490	ug/Kg	UJ
SEE09201110ARM1	9/20/2010	2,4-Dichlorophenol	490	ug/Kg	U
SEE10081035ARM1	10/8/2010	2,4-Dichlorophenol	470	ug/Kg	U
SEE09171200ARM1	9/17/2010	2,4-Dichlorophenol	470	ug/Kg	U
SEF10011045TDF1	10/1/2010	2,4-Dichlorophenol	460	ug/Kg	UJ
SEE09290915MAE1	9/29/2010	2,4-Dichlorophenol	460	ug/Kg	U
SEE09200911RCM1	9/20/2010	2,4-Dichlorophenol	460	ug/Kg	U
SEE09140945JRP1	9/14/2010	2,4-Dichlorophenol	460	ug/Kg	U
SEE09271500ARM1	9/27/2010	2,4-Dichlorophenol	450	ug/Kg	U
SEE09231205RCM1	9/23/2010	2,4-Dichlorophenol	450	ug/Kg	U
SEE09281445RCM1	9/28/2010	2,4-Dichlorophenol	440	ug/Kg	U
SEE09251235ARM1	9/25/2010	2,4-Dichlorophenol	440	ug/Kg	UJ
SEE09150915JRP1	9/15/2010	2,4-Dichlorophenol	440	ug/Kg	U
SEE09070930JRP1	9/7/2010	2,4-Dichlorophenol	440	ug/Kg	UJ
SEE08301100JRP1	8/30/2010	2,4-Dichlorophenol	440	ug/Kg	U
SEF10081108TDF3	10/8/2010	2,4-Dichlorophenol	430	ug/Kg	U
SEE10071045ARM1	10/7/2010	2,4-Dichlorophenol	430	ug/Kg	U
SEE10041045ARM1	10/4/2010	2,4-Dichlorophenol	430	ug/Kg	U
SEE10011043RCM1	10/1/2010	2,4-Dichlorophenol	430	ug/Kg	UJ
SEE09231035ARM1	9/23/2010	2,4-Dichlorophenol	430	ug/Kg	U
SEE09170935RCM1	9/17/2010	2,4-Dichlorophenol	430	ug/Kg	U
SEF10151030PMB3	10/15/2010	2,4-Dichlorophenol	420	ug/Kg	U
SEF10121130PMB3	10/12/2010	2,4-Dichlorophenol	420	ug/Kg	U
SEF10051206TDF3	10/5/2010	2,4-Dichlorophenol	420	ug/Kg	U
SEE09100920JRP1	9/10/2010	2,4-Dichlorophenol	420	ug/Kg	UJ
SEE09051500JAW1	9/5/2010	2,4-Dichlorophenol	420	ug/Kg	U
SEB09011143JLS1	9/1/2010	2,4-Dichlorophenol	420	ug/Kg	U
SEE10061135ARM1	10/6/2010	2,4-Dichlorophenol	410	ug/Kg	U
SEE08291550KAP1	8/29/2010	2,4-Dichlorophenol	410	ug/kg	U
SEE10131035ARM1	10/13/2010	2,4-Dichlorophenol	400	ug/Kg	U
SEE10051145RCM1	10/5/2010	2,4-Dichlorophenol	400	ug/Kg	U
SEE09301025MAE1	9/30/2010	2,4-Dichlorophenol	400	ug/Kg	U
SEE09221045ARM1	9/22/2010	2,4-Dichlorophenol	400	ug/Kg	U
SEE09080930JRP1	9/8/2010	2,4-Dichlorophenol	400	ug/Kg	U
SEE09011515JAW1	9/1/2010	2,4-Dichlorophenol	400	ug/Kg	U
SEE10221450DWS1	10/22/2010	2,4-Dichlorophenol	390	ug/Kg	U
SEE10121040ARM1	10/12/2010	2,4-Dichlorophenol	390	ug/Kg	U
SEF09281139TDF1	9/28/2010	2,4-Dichlorophenol	390	ug/Kg	U
SEE10181030JWP1	10/18/2010	2,4-Dichlorophenol	370	ug/Kg	U
SEE10211345JWP1	10/21/2010	2,4-Dichlorophenol	330	ug/Kg	U
SEE08291354KAP1	8/29/2010	2,4-Dichlorophenol	330	ug/kg	U
SEE08291445PML1	8/29/2010	2,4-Dichlorophenol	270	ug/kg	U
SEF10221050MAE3	10/22/2010	2,4-Dichlorophenol	240	ug/Kg	U
SEF10191135NAC3	10/19/2010	2,4-Dichlorophenol	240	ug/Kg	U
SEE08271445JRP1	8/27/2010	2,4-Dichlorophenol	230	ug/kg	U
SEE08271536TWH1	8/27/2010	2,4-Dichlorophenol	220	ug/kg	U
SEE10191115JWP1	10/19/2010	2,4-Dichlorophenol	210	ug/Kg	U
SEB08281400JLS1	8/28/2010	2,4-Dichlorophenol	210	ug/kg	U
SEE08281540JRP1	8/28/2010	2,4-Dichlorophenol	210	ug/kg	U

**TABLE B-2b**  
**Upstream Sediment Samples (Morrow Lake)**

Sample ID	Sample Date	Analyte	Result	Unit	Data Qualifier
ML-07-S-081810	8/18/2010	2,4-Dichlorophenol	0.37	mg/Kg	UJ
ML-06-S-082310	8/23/2010	2,4-Dichlorophenol	0.33	mg/Kg	U
ML-04-S-081710	8/17/2010	2,4-Dichlorophenol	0.32	mg/Kg	U
ML-04-S-082610	8/26/2010	2,4-Dichlorophenol	0.31	mg/Kg	U
ML-03-S-082310	8/23/2010	2,4-Dichlorophenol	0.31	mg/Kg	U
ML-10-S-081910	8/19/2010	2,4-Dichlorophenol	0.31	mg/Kg	U
ML-10-S-081910	8/19/2010	2,4-Dichlorophenol	0.31	mg/Kg	U
ML-09-S-081810	8/18/2010	2,4-Dichlorophenol	0.31	mg/Kg	UJ
ML-06-S-081710	8/17/2010	2,4-Dichlorophenol	0.31	mg/Kg	U
ML-10-S-082610	8/26/2010	2,4-Dichlorophenol	0.30	mg/Kg	U
ML-10-S-082610	8/26/2010	2,4-Dichlorophenol	0.30	mg/Kg	U
ML-05-S-082310	8/23/2010	2,4-Dichlorophenol	0.28	mg/Kg	U
ML-01-S-081910	8/19/2010	2,4-Dichlorophenol	0.27	mg/Kg	U
ML-05-S-081710	8/17/2010	2,4-Dichlorophenol	0.26	mg/Kg	U
ML-02-S-082310	8/23/2010	2,4-Dichlorophenol	0.25	mg/Kg	U
ML-02-S-081710	8/17/2010	2,4-Dichlorophenol	0.24	mg/Kg	U
ML-06-S-082510	8/25/2010	2,4-Dichlorophenol	0.18	mg/Kg	U
ML-07-S-082410	8/24/2010	2,4-Dichlorophenol	0.18	mg/Kg	UJ
ML-07-S-082110	8/21/2010	2,4-Dichlorophenol	0.18	mg/Kg	U
ML-05-S-082610	8/26/2010	2,4-Dichlorophenol	0.17	mg/Kg	U
ML-07-S-082510	8/25/2010	2,4-Dichlorophenol	0.17	mg/Kg	U
ML-08-S-082110	8/21/2010	2,4-Dichlorophenol	0.17	mg/Kg	U
ML-07-S-081610	8/16/2010	2,4-Dichlorophenol	0.17	mg/Kg	U
ML-08-S-081610	8/16/2010	2,4-Dichlorophenol	0.17	mg/Kg	U
ML-08-S-082510	8/25/2010	2,4-Dichlorophenol	0.16	mg/Kg	U
ML-08-S-082410	8/24/2010	2,4-Dichlorophenol	0.16	mg/Kg	UJ
ML-06-S-082010	8/20/2010	2,4-Dichlorophenol	0.16	mg/Kg	U
ML-01-S-081610	8/16/2010	2,4-Dichlorophenol	0.16	mg/Kg	U
ML-01-S-082510	8/25/2010	2,4-Dichlorophenol	0.15	mg/Kg	U
ML-09-S-082510	8/25/2010	2,4-Dichlorophenol	0.15	mg/Kg	U
ML-04-S-082410	8/24/2010	2,4-Dichlorophenol	0.15	mg/Kg	UJ
ML-10-S-082410	8/24/2010	2,4-Dichlorophenol	0.15	mg/Kg	UJ
ML-10-S-082410	8/24/2010	2,4-Dichlorophenol	0.15	mg/Kg	UJ
ML-09-S-082110	8/21/2010	2,4-Dichlorophenol	0.15	mg/Kg	U
ML-10-S-082110	8/21/2010	2,4-Dichlorophenol	0.15	mg/Kg	U
ML-10-S-082110	8/21/2010	2,4-Dichlorophenol	0.15	mg/Kg	U
ML-05-S-082010	8/20/2010	2,4-Dichlorophenol	0.15	mg/Kg	U
ML-10-S-081610	8/16/2010	2,4-Dichlorophenol	0.15	mg/Kg	U
ML-10-S-081610	8/16/2010	2,4-Dichlorophenol	0.15	mg/Kg	U
ML-02-S-082510	8/25/2010	2,4-Dichlorophenol	0.14	mg/Kg	U
ML-09-S-082410	8/24/2010	2,4-Dichlorophenol	0.14	mg/Kg	UJ
ML-01-S-082110	8/21/2010	2,4-Dichlorophenol	0.14	mg/Kg	U
ML-03-S-082510	8/25/2010	2,4-Dichlorophenol	0.13	mg/Kg	U
ML-02-S-082010	8/20/2010	2,4-Dichlorophenol	0.13	mg/Kg	U
ML-03-S-082010	8/20/2010	2,4-Dichlorophenol	0.13	mg/Kg	U
ML-04-S-082010	8/20/2010	2,4-Dichlorophenol	0.13	mg/Kg	U
ML-03-S-081610	8/16/2010	2,4-Dichlorophenol	0.12	mg/Kg	U
SEE09011635PML1	9/1/2010	2,4-Dimethylphenol	6000	ug/Kg	U
SEE09051430PML1	9/5/2010	2,4-Dimethylphenol	5900	ug/Kg	U
SEE10211035JDF1	10/21/2010	2,4-Dimethylphenol	2000	ug/Kg	UJ
SEE10211430JDF1	10/21/2010	2,4-Dimethylphenol	1800	ug/Kg	U
SEE10191005JDF1	10/19/2010	2,4-Dimethylphenol	1800	ug/Kg	U
SEE10051125PML1	10/5/2010	2,4-Dimethylphenol	1800	ug/Kg	U
SEE09301105JDF1	9/30/2010	2,4-Dimethylphenol	1800	ug/Kg	U
SEE09061500PML1	9/6/2010	2,4-Dimethylphenol	1800	ug/Kg	U
SEE09021400PML1	9/2/2010	2,4-Dimethylphenol	1800	ug/Kg	U
SEE08301130PML1	8/30/2010	2,4-Dimethylphenol	1800	ug/Kg	U
SEE10221110JDF1	10/22/2010	2,4-Dimethylphenol	1700	ug/Kg	U
SEE10221110JDF1	10/22/2010	2,4-Dimethylphenol	1700	ug/Kg	U
SEE10191515JDF1	10/19/2010	2,4-Dimethylphenol	1700	ug/Kg	U

**TABLE B-2b**  
**Upstream Sediment Samples (Morrow Lake)**

Sample ID	Sample Date	Analyte	Result	Unit	Data Qualifier
SEE10171410JDF1	10/17/2010	2,4-Dimethylphenol	1700	ug/Kg	U
SEE10131150JDF1	10/13/2010	2,4-Dimethylphenol	1700	ug/Kg	U
SEE10081115PML1	10/8/2010	2,4-Dimethylphenol	1700	ug/Kg	U
SEE09301255JDF1	9/30/2010	2,4-Dimethylphenol	1700	ug/Kg	U
SEE09231645JDF1	9/23/2010	2,4-Dimethylphenol	1700	ug/Kg	U
SEE09181235PML1	9/18/2010	2,4-Dimethylphenol	1700	ug/Kg	UJ
SEE09141135PML1	9/14/2010	2,4-Dimethylphenol	1700	ug/Kg	U
SEE09121105RCM1	9/12/2010	2,4-Dimethylphenol	1700	ug/Kg	UJ
SEE09101022PML1	9/10/2010	2,4-Dimethylphenol	1700	ug/Kg	UJ
SEE09101215PML1	9/10/2010	2,4-Dimethylphenol	1700	ug/Kg	UJ
SEE09091410RCM1	9/9/2010	2,4-Dimethylphenol	1700	ug/Kg	U
SEE09081020RCM1	9/8/2010	2,4-Dimethylphenol	1700	ug/Kg	U
SEE09031645MHS1	9/3/2010	2,4-Dimethylphenol	1700	ug/Kg	U
SEE09011545MHS1	9/1/2010	2,4-Dimethylphenol	1700	ug/Kg	U
SEE09011545PML1	9/1/2010	2,4-Dimethylphenol	1700	ug/Kg	U
SEE08311420PML1	8/31/2010	2,4-Dimethylphenol	1700	ug/Kg	U
SEE08311420PML1	8/31/2010	2,4-Dimethylphenol	1700	ug/Kg	U
SEE10211010JWP1	10/21/2010	2,4-Dimethylphenol	1600	ug/Kg	U
SEE10191155JDF1	10/19/2010	2,4-Dimethylphenol	1600	ug/Kg	U
SEE10191415JDF1	10/19/2010	2,4-Dimethylphenol	1600	ug/Kg	U
SEE10181035JDF1	10/18/2010	2,4-Dimethylphenol	1600	ug/Kg	U
SEE10091401PML1	10/9/2010	2,4-Dimethylphenol	1600	ug/Kg	UJ
SEE10091614PML1	10/9/2010	2,4-Dimethylphenol	1600	ug/Kg	UJ
SEE10051653PML1	10/5/2010	2,4-Dimethylphenol	1600	ug/Kg	U
SEE10041530JDF1	10/4/2010	2,4-Dimethylphenol	1600	ug/Kg	U
SEE09291023RCM1	9/29/2010	2,4-Dimethylphenol	1600	ug/Kg	U
SEE09231210JDF1	9/23/2010	2,4-Dimethylphenol	1600	ug/Kg	U
SEE09141515PML1	9/14/2010	2,4-Dimethylphenol	1600	ug/Kg	U
SEE09131026RCM1	9/13/2010	2,4-Dimethylphenol	1600	ug/Kg	U
SEE09121436RCM1	9/12/2010	2,4-Dimethylphenol	1600	ug/Kg	UJ
SEE09101625PML1	9/10/2010	2,4-Dimethylphenol	1600	ug/Kg	UJ
SEE09061525MHS1	9/6/2010	2,4-Dimethylphenol	1600	ug/Kg	U
SEE09051130PML1	9/5/2010	2,4-Dimethylphenol	1600	ug/Kg	U
SEE09051550MHS1	9/5/2010	2,4-Dimethylphenol	1600	ug/Kg	U
SEE09030925PML1	9/3/2010	2,4-Dimethylphenol	1600	ug/Kg	U
SEE09031100PML1	9/3/2010	2,4-Dimethylphenol	1600	ug/Kg	U
SEE09021010PML1	9/2/2010	2,4-Dimethylphenol	1600	ug/Kg	U
SEE08301550PML1	8/30/2010	2,4-Dimethylphenol	1600	ug/Kg	U
SEE08301638MHS1	8/30/2010	2,4-Dimethylphenol	1600	ug/Kg	U
SEE08271145RCM1	8/27/2010	2,4-Dimethylphenol	1600	ug/kg	U
SEE10221055DWS1	10/22/2010	2,4-Dimethylphenol	1500	ug/Kg	U
SEE10191100JDF1	10/19/2010	2,4-Dimethylphenol	1500	ug/Kg	U
SEE10181510JDF1	10/18/2010	2,4-Dimethylphenol	1500	ug/Kg	U
SEE10181510JDF1	10/18/2010	2,4-Dimethylphenol	1500	ug/Kg	U
SEE10171115JDF1	10/17/2010	2,4-Dimethylphenol	1500	ug/Kg	U
SEE10141015JDF1	10/14/2010	2,4-Dimethylphenol	1500	ug/Kg	UJ
SEE10141150JDF1	10/14/2010	2,4-Dimethylphenol	1500	ug/Kg	UJ
SEE10141555ARM1	10/14/2010	2,4-Dimethylphenol	1500	ug/Kg	UJ
SEE10121155JDF1	10/12/2010	2,4-Dimethylphenol	1500	ug/Kg	U
SEE10101010PML1	10/10/2010	2,4-Dimethylphenol	1500	ug/Kg	U
SEE10101215PML1	10/10/2010	2,4-Dimethylphenol	1500	ug/Kg	U
SEE10101215PML1	10/10/2010	2,4-Dimethylphenol	1500	ug/Kg	U
SEE10081051RCM1	10/8/2010	2,4-Dimethylphenol	1500	ug/Kg	U
SEE10061051RCM1	10/6/2010	2,4-Dimethylphenol	1500	ug/Kg	U
SEE10061205PML1	10/6/2010	2,4-Dimethylphenol	1500	ug/Kg	U
SEE10041138RCM1	10/4/2010	2,4-Dimethylphenol	1500	ug/Kg	U
SEE10031115JDF1	10/3/2010	2,4-Dimethylphenol	1500	ug/Kg	U
SEE10031115JDF1	10/3/2010	2,4-Dimethylphenol	1500	ug/Kg	U
SEE09260930RCM1	9/26/2010	2,4-Dimethylphenol	1500	ug/Kg	U
SEE09261625JDF1	9/26/2010	2,4-Dimethylphenol	1500	ug/Kg	U



**TABLE B-2b**  
**Upstream Sediment Samples (Morrow Lake)**

Sample ID	Sample Date	Analyte	Result	Unit	Data Qualifier
SEE09261625JDF1	9/26/2010	2,4-Dimethylphenol	1500	ug/Kg	U
SEE09251135JDF1	9/25/2010	2,4-Dimethylphenol	1500	ug/Kg	U
SEE09220935RCM1	9/22/2010	2,4-Dimethylphenol	1500	ug/Kg	U
SEE09200945PML1	9/20/2010	2,4-Dimethylphenol	1500	ug/Kg	U
SEE09200945PML1	9/20/2010	2,4-Dimethylphenol	1500	ug/Kg	U
SEE09191040PML1	9/19/2010	2,4-Dimethylphenol	1500	ug/Kg	U
SEE09191445RCM1	9/19/2010	2,4-Dimethylphenol	1500	ug/Kg	U
SEE09191530PML1	9/19/2010	2,4-Dimethylphenol	1500	ug/Kg	U
SEE09181705PML1	9/18/2010	2,4-Dimethylphenol	1500	ug/Kg	UJ
SEE09170839RCM1	9/17/2010	2,4-Dimethylphenol	1500	ug/Kg	UJ
SEE09171415PML1	9/17/2010	2,4-Dimethylphenol	1500	ug/Kg	UJ
SEE09161045PML1	9/16/2010	2,4-Dimethylphenol	1500	ug/Kg	U
SEE09151145PML1	9/15/2010	2,4-Dimethylphenol	1500	ug/Kg	U
SEE09151145PML1	9/15/2010	2,4-Dimethylphenol	1500	ug/Kg	U
SEE09140945PML1	9/14/2010	2,4-Dimethylphenol	1500	ug/Kg	U
SEE09131445RCM1	9/13/2010	2,4-Dimethylphenol	1500	ug/Kg	U
SEE09131505PML1	9/13/2010	2,4-Dimethylphenol	1500	ug/Kg	U
SEE09121055PML1	9/12/2010	2,4-Dimethylphenol	1500	ug/Kg	UJ
SEE09121055PML1	9/12/2010	2,4-Dimethylphenol	1500	ug/Kg	UJ
SEE09091005RCM1	9/9/2010	2,4-Dimethylphenol	1500	ug/Kg	U
SEE09091515PML1	9/9/2010	2,4-Dimethylphenol	1500	ug/Kg	U
SEE09081010PML1	9/8/2010	2,4-Dimethylphenol	1500	ug/Kg	U
SEE09081205PML1	9/8/2010	2,4-Dimethylphenol	1500	ug/Kg	U
SEE09071050PML1	9/7/2010	2,4-Dimethylphenol	1500	ug/Kg	UJ
SEE09061105PML1	9/6/2010	2,4-Dimethylphenol	1500	ug/Kg	U
SEE09031140MHS1	9/3/2010	2,4-Dimethylphenol	1500	ug/Kg	U
SEE09031650PML1	9/3/2010	2,4-Dimethylphenol	1500	ug/Kg	U
SEE09031650PML1	9/3/2010	2,4-Dimethylphenol	1500	ug/Kg	U
SEE08311045PML1	8/31/2010	2,4-Dimethylphenol	1500	ug/Kg	U
SEE08301145MHS1	8/30/2010	2,4-Dimethylphenol	1500	ug/Kg	U
SEE10191010JWP1	10/19/2010	2,4-Dimethylphenol	1400	ug/Kg	U
SEE10181210JDF1	10/18/2010	2,4-Dimethylphenol	1400	ug/Kg	U
SEE10181430JWP1	10/18/2010	2,4-Dimethylphenol	1400	ug/Kg	U
SEE10161115ARM1	10/16/2010	2,4-Dimethylphenol	1400	ug/Kg	U
SEE10161530JDF1	10/16/2010	2,4-Dimethylphenol	1400	ug/Kg	U
SEE10150945JDF1	10/15/2010	2,4-Dimethylphenol	1400	ug/Kg	U
SEE10141550JDF1	10/14/2010	2,4-Dimethylphenol	1400	ug/Kg	UJ
SEE10141550JDF1	10/14/2010	2,4-Dimethylphenol	1400	ug/Kg	UJ
SEE10120930JDF1	10/12/2010	2,4-Dimethylphenol	1400	ug/Kg	U
SEE10081231PML1	10/8/2010	2,4-Dimethylphenol	1400	ug/Kg	U
SEE10071042RCM1	10/7/2010	2,4-Dimethylphenol	1400	ug/Kg	U
SEE10071101PML1	10/7/2010	2,4-Dimethylphenol	1400	ug/Kg	U
SEE10061640PML1	10/6/2010	2,4-Dimethylphenol	1400	ug/Kg	U
SEE10061640PML1	10/6/2010	2,4-Dimethylphenol	1400	ug/Kg	U
SEE10041150JDF1	10/4/2010	2,4-Dimethylphenol	1400	ug/Kg	U
SEE10011120JDF1	10/1/2010	2,4-Dimethylphenol	1400	ug/Kg	UJ
SEE09301205RCM1	9/30/2010	2,4-Dimethylphenol	1400	ug/Kg	U
SEE09271130JDF1	9/27/2010	2,4-Dimethylphenol	1400	ug/Kg	U
SEE09261215JDF1	9/26/2010	2,4-Dimethylphenol	1400	ug/Kg	U
SEE09230955RCM1	9/23/2010	2,4-Dimethylphenol	1400	ug/Kg	U
SEE09221440JDF1	9/22/2010	2,4-Dimethylphenol	1400	ug/Kg	U
SEE09211155JDF1	9/21/2010	2,4-Dimethylphenol	1400	ug/Kg	UJ
SEE09201115RCM1	9/20/2010	2,4-Dimethylphenol	1400	ug/Kg	U
SEE09171445RCM1	9/17/2010	2,4-Dimethylphenol	1400	ug/Kg	UJ
SEE09161035RCM1	9/16/2010	2,4-Dimethylphenol	1400	ug/Kg	U
SEE09151015PML1	9/15/2010	2,4-Dimethylphenol	1400	ug/Kg	U
SEE09131620PML1	9/13/2010	2,4-Dimethylphenol	1400	ug/Kg	UJ
SEE09121450PML1	9/12/2010	2,4-Dimethylphenol	1400	ug/Kg	UJ
SEE09111015PML1	9/11/2010	2,4-Dimethylphenol	1400	ug/Kg	UJ
SEE09040950PML1	9/4/2010	2,4-Dimethylphenol	1400	ug/Kg	U

**TABLE B-2b**  
**Upstream Sediment Samples (Morrow Lake)**

Sample ID	Sample Date	Analyte	Result	Unit	Data Qualifier
SEE09011050PML1	9/1/2010	2,4-Dimethylphenol	1400	ug/Kg	U
SEE08301520JRP1	8/30/2010	2,4-Dimethylphenol	1400	ug/Kg	U
SEE08261620RCM1	8/26/2010	2,4-Dimethylphenol	1400	ug/kg	U
SEE10111125JDF1	10/11/2010	2,4-Dimethylphenol	1300	ug/Kg	U
SEE10031425JDF1	10/3/2010	2,4-Dimethylphenol	1300	ug/Kg	U
SEE09291035JDF1	9/29/2010	2,4-Dimethylphenol	1300	ug/Kg	U
SEE09250905RCM1	9/25/2010	2,4-Dimethylphenol	1300	ug/Kg	U
SEE09211530JDF1	9/21/2010	2,4-Dimethylphenol	1300	ug/Kg	UJ
SEE09170945PML1	9/17/2010	2,4-Dimethylphenol	1300	ug/Kg	UJ
SEE09171125PML1	9/17/2010	2,4-Dimethylphenol	1300	ug/Kg	UJ
SEE09130940PML1	9/13/2010	2,4-Dimethylphenol	1300	ug/Kg	U
SEE09131125PML1	9/13/2010	2,4-Dimethylphenol	1300	ug/Kg	U
SEE09091145PML1	9/9/2010	2,4-Dimethylphenol	1300	ug/Kg	U
SEE09091410PML1	9/9/2010	2,4-Dimethylphenol	1300	ug/Kg	U
SEE09091605PML1	9/9/2010	2,4-Dimethylphenol	1300	ug/Kg	U
SEE09061130MHS1	9/6/2010	2,4-Dimethylphenol	1300	ug/Kg	U
SEE09051015PML1	9/5/2010	2,4-Dimethylphenol	1300	ug/Kg	U
SEE09041350PML1	9/4/2010	2,4-Dimethylphenol	1300	ug/Kg	U
SEE09011255PML1	9/1/2010	2,4-Dimethylphenol	1300	ug/Kg	U
SEE08301445JRP1	8/30/2010	2,4-Dimethylphenol	1300	ug/Kg	U
SEE08261445JRP1	8/26/2010	2,4-Dimethylphenol	1300	ug/Kg	U
SEE10161055JDF1	10/16/2010	2,4-Dimethylphenol	1200	ug/Kg	U
SEE10161415JDF1	10/16/2010	2,4-Dimethylphenol	1200	ug/Kg	U
SEE10151055ARM1	10/15/2010	2,4-Dimethylphenol	1200	ug/Kg	U
SEE10121415ARM1	10/12/2010	2,4-Dimethylphenol	1200	ug/Kg	U
SEE10111101JDF1	10/11/2010	2,4-Dimethylphenol	1200	ug/Kg	U
SEE10111350JDF1	10/11/2010	2,4-Dimethylphenol	1200	ug/Kg	U
SEE10071205PML1	10/7/2010	2,4-Dimethylphenol	1200	ug/Kg	U
SEE10071540PML1	10/7/2010	2,4-Dimethylphenol	1200	ug/Kg	U
SEE09301255MAE1	9/30/2010	2,4-Dimethylphenol	1200	ug/Kg	U
SEE09290925JDF1	9/29/2010	2,4-Dimethylphenol	1200	ug/Kg	U
SEE09271515JDF1	9/27/2010	2,4-Dimethylphenol	1200	ug/Kg	U
SEE09221105JDF1	9/22/2010	2,4-Dimethylphenol	1200	ug/Kg	U
SEE09221615JDF1	9/22/2010	2,4-Dimethylphenol	1200	ug/Kg	U
SEE09211112RCM1	9/21/2010	2,4-Dimethylphenol	1200	ug/Kg	UJ
SEE09201645ARM1	9/20/2010	2,4-Dimethylphenol	1200	ug/Kg	U
SEE09171530PML1	9/17/2010	2,4-Dimethylphenol	1200	ug/Kg	UJ
SEE09091010PML1	9/9/2010	2,4-Dimethylphenol	1200	ug/Kg	U
SEE09091025JRP1	9/9/2010	2,4-Dimethylphenol	1200	ug/Kg	U
SEE09031115JAW1	9/3/2010	2,4-Dimethylphenol	1200	ug/Kg	U
SEE09011145PML1	9/1/2010	2,4-Dimethylphenol	1200	ug/Kg	U
SEE08301015JRP1	8/30/2010	2,4-Dimethylphenol	1200	ug/Kg	U
SEE08301530JAW1	8/30/2010	2,4-Dimethylphenol	1200	ug/Kg	U
SEE08261420RCM1	8/26/2010	2,4-Dimethylphenol	1200	ug/kg	U
SEE10121030JDF1	10/12/2010	2,4-Dimethylphenol	1100	ug/Kg	U
SEE10040945JDF1	10/4/2010	2,4-Dimethylphenol	1100	ug/Kg	U
SEE10041050JDF1	10/4/2010	2,4-Dimethylphenol	1100	ug/Kg	U
SEE10041335JDF1	10/4/2010	2,4-Dimethylphenol	1100	ug/Kg	U
SEE09291645JDF1	9/29/2010	2,4-Dimethylphenol	1100	ug/Kg	U
SEE09271025ARM1	9/27/2010	2,4-Dimethylphenol	1100	ug/Kg	U
SEE09231130ARM1	9/23/2010	2,4-Dimethylphenol	1100	ug/Kg	U
SEE09141312RCM1	9/14/2010	2,4-Dimethylphenol	1100	ug/Kg	U
SEE09130955JRP1	9/13/2010	2,4-Dimethylphenol	1100	ug/Kg	U
SEE10151355ARM1	10/15/2010	2,4-Dimethylphenol	960	ug/Kg	U
SEE10041355ARM1	10/4/2010	2,4-Dimethylphenol	960	ug/Kg	U
SEE08311010JRP1	8/31/2010	2,4-Dimethylphenol	940	ug/Kg	U
SEE09090900JRP1	9/9/2010	2,4-Dimethylphenol	930	ug/Kg	U
SEE08311348MHS1	8/31/2010	2,4-Dimethylphenol	930	ug/Kg	U
SEE10071415ARM1	10/7/2010	2,4-Dimethylphenol	920	ug/Kg	U
SEE10170915JDF1	10/17/2010	2,4-Dimethylphenol	910	ug/Kg	U

**TABLE B-2b**  
**Upstream Sediment Samples (Morrow Lake)**

Sample ID	Sample Date	Analyte	Result	Unit	Data Qualifier
SEE09291135JDF1	9/29/2010	2,4-Dimethylphenol	910	ug/Kg	U
SEE10071151RCM1	10/7/2010	2,4-Dimethylphenol	840	ug/Kg	U
SEE08281607TWH1	8/28/2010	2,4-Dimethylphenol	830	ug/kg	U
SEE08281630RCM1	8/28/2010	2,4-Dimethylphenol	830	ug/kg	U
SEE08300920JRP1	8/30/2010	2,4-Dimethylphenol	810	ug/Kg	U
SEE10221450DWS1	10/22/2010	2,4-Dimethylphenol	800	ug/Kg	U
SEE09051500MHS1	9/5/2010	2,4-Dimethylphenol	750	ug/Kg	U
SEE10141025ARM1	10/14/2010	2,4-Dimethylphenol	730	ug/Kg	UJ
SEE08281505PML1	8/28/2010	2,4-Dimethylphenol	730	ug/kg	U
SEE08271215PML1	8/27/2010	2,4-Dimethylphenol	720	ug/kg	U
SEE08271614TWH1	8/27/2010	2,4-Dimethylphenol	690	ug/kg	U
SEE10211345JWP1	10/21/2010	2,4-Dimethylphenol	680	ug/Kg	U
SEE08271500PML1	8/27/2010	2,4-Dimethylphenol	660	ug/kg	U
SEE10091200ARM1	10/9/2010	2,4-Dimethylphenol	650	ug/Kg	UJ
SEE09130915JRP1	9/13/2010	2,4-Dimethylphenol	650	ug/Kg	U
SEE08291110PML1	8/29/2010	2,4-Dimethylphenol	590	ug/kg	U
SEE09061610JAW1	9/6/2010	2,4-Dimethylphenol	570	ug/Kg	U
SEE08281215PML1	8/28/2010	2,4-Dimethylphenol	570	ug/kg	U
SEE08281420TWH1	8/28/2010	2,4-Dimethylphenol	570	ug/kg	U
SEE10051415ARM1	10/5/2010	2,4-Dimethylphenol	560	ug/Kg	U
SEE10171535ARM1	10/17/2010	2,4-Dimethylphenol	540	ug/Kg	U
SEE08281510TWH1	8/28/2010	2,4-Dimethylphenol	540	ug/kg	U
SEE08261700JRP1	8/26/2010	2,4-Dimethylphenol	530	ug/Kg	U
SEE09100945RCM1	9/10/2010	2,4-Dimethylphenol	520	ug/Kg	UJ
SEE08301410JRP1	8/30/2010	2,4-Dimethylphenol	510	ug/Kg	U
SEE08291421KAP1	8/29/2010	2,4-Dimethylphenol	510	ug/kg	U
SEF10221050MAE3	10/22/2010	2,4-Dimethylphenol	500	ug/Kg	U
SEE10011125ARM1	10/1/2010	2,4-Dimethylphenol	500	ug/Kg	UJ
SEE08271652TWH1	8/27/2010	2,4-Dimethylphenol	500	ug/kg	U
SEF10191135NAC3	10/19/2010	2,4-Dimethylphenol	490	ug/Kg	U
SEE09211120ARM1	9/21/2010	2,4-Dimethylphenol	490	ug/Kg	UJ
SEE09201110ARM1	9/20/2010	2,4-Dimethylphenol	490	ug/Kg	U
SEE10081035ARM1	10/8/2010	2,4-Dimethylphenol	470	ug/Kg	U
SEE09171200ARM1	9/17/2010	2,4-Dimethylphenol	470	ug/Kg	UJ
SEF10011045TDF1	10/1/2010	2,4-Dimethylphenol	460	ug/Kg	UJ
SEE09290915MAE1	9/29/2010	2,4-Dimethylphenol	460	ug/Kg	U
SEE09200911RCM1	9/20/2010	2,4-Dimethylphenol	460	ug/Kg	U
SEE09140945JRP1	9/14/2010	2,4-Dimethylphenol	460	ug/Kg	U
SEE09271500ARM1	9/27/2010	2,4-Dimethylphenol	450	ug/Kg	U
SEE09231205RCM1	9/23/2010	2,4-Dimethylphenol	450	ug/Kg	U
SEE09281445RCM1	9/28/2010	2,4-Dimethylphenol	440	ug/Kg	U
SEE09251235ARM1	9/25/2010	2,4-Dimethylphenol	440	ug/Kg	U
SEE09150915JRP1	9/15/2010	2,4-Dimethylphenol	440	ug/Kg	U
SEE09070930JRP1	9/7/2010	2,4-Dimethylphenol	440	ug/Kg	UJ
SEE08301100JRP1	8/30/2010	2,4-Dimethylphenol	440	ug/Kg	U
SEE10191115JWP1	10/19/2010	2,4-Dimethylphenol	430	ug/Kg	U
SEF10081108TDF3	10/8/2010	2,4-Dimethylphenol	430	ug/Kg	U
SEE10071045ARM1	10/7/2010	2,4-Dimethylphenol	430	ug/Kg	U
SEE10041045ARM1	10/4/2010	2,4-Dimethylphenol	430	ug/Kg	U
SEE10011043RCM1	10/1/2010	2,4-Dimethylphenol	430	ug/Kg	UJ
SEE09231035ARM1	9/23/2010	2,4-Dimethylphenol	430	ug/Kg	U
SEE09170935RCM1	9/17/2010	2,4-Dimethylphenol	430	ug/Kg	UJ
SEF10151030PMB3	10/15/2010	2,4-Dimethylphenol	420	ug/Kg	U
SEF10121130PMB3	10/12/2010	2,4-Dimethylphenol	420	ug/Kg	U
SEF10051206TDF3	10/5/2010	2,4-Dimethylphenol	420	ug/Kg	U
SEE09100920JRP1	9/10/2010	2,4-Dimethylphenol	420	ug/Kg	UJ
SEE09051500JAW1	9/5/2010	2,4-Dimethylphenol	420	ug/Kg	U
SEB09011143JLS1	9/1/2010	2,4-Dimethylphenol	420	ug/Kg	U
SEE10061135ARM1	10/6/2010	2,4-Dimethylphenol	410	ug/Kg	U
SEE08291550KAP1	8/29/2010	2,4-Dimethylphenol	410	ug/kg	U

**TABLE B-2b**  
**Upstream Sediment Samples (Morrow Lake)**

Sample ID	Sample Date	Analyte	Result	Unit	Data Qualifier
SEE10131035ARM1	10/13/2010	2,4-Dimethylphenol	400	ug/Kg	U
SEE10051145RCM1	10/5/2010	2,4-Dimethylphenol	400	ug/Kg	U
SEE09301025MAE1	9/30/2010	2,4-Dimethylphenol	400	ug/Kg	U
SEE09221045ARM1	9/22/2010	2,4-Dimethylphenol	400	ug/Kg	U
SEE09080930JRP1	9/8/2010	2,4-Dimethylphenol	400	ug/Kg	U
SEE09011515JAW1	9/1/2010	2,4-Dimethylphenol	400	ug/Kg	U
SEE10121040ARM1	10/12/2010	2,4-Dimethylphenol	390	ug/Kg	U
SEF09281139TDF1	9/28/2010	2,4-Dimethylphenol	390	ug/Kg	U
SEE10181030JWP1	10/18/2010	2,4-Dimethylphenol	370	ug/Kg	U
SEE08291354KAP1	8/29/2010	2,4-Dimethylphenol	330	ug/kg	U
SEE08291445PML1	8/29/2010	2,4-Dimethylphenol	270	ug/kg	U
SEE08271445JRP1	8/27/2010	2,4-Dimethylphenol	230	ug/kg	U
SEE08271536TWH1	8/27/2010	2,4-Dimethylphenol	220	ug/kg	U
SEB08281400JLS1	8/28/2010	2,4-Dimethylphenol	210	ug/kg	U
SEE08281540JRP1	8/28/2010	2,4-Dimethylphenol	210	ug/kg	U
ML-07-S-081810	8/18/2010	2,4-Dimethylphenol	7.4	mg/Kg	UJ
ML-06-S-082310	8/23/2010	2,4-Dimethylphenol	6.7	mg/Kg	U
ML-04-S-081710	8/17/2010	2,4-Dimethylphenol	6.4	mg/Kg	U
ML-03-S-082310	8/23/2010	2,4-Dimethylphenol	6.2	mg/Kg	U
ML-10-S-081910	8/19/2010	2,4-Dimethylphenol	6.2	mg/Kg	U
ML-10-S-081910	8/19/2010	2,4-Dimethylphenol	6.2	mg/Kg	U
ML-09-S-081810	8/18/2010	2,4-Dimethylphenol	6.2	mg/Kg	UJ
ML-06-S-081710	8/17/2010	2,4-Dimethylphenol	6.2	mg/Kg	U
ML-04-S-082610	8/26/2010	2,4-Dimethylphenol	6.1	mg/Kg	U
ML-10-S-082610	8/26/2010	2,4-Dimethylphenol	5.9	mg/Kg	U
ML-10-S-082610	8/26/2010	2,4-Dimethylphenol	5.9	mg/Kg	U
ML-05-S-082310	8/23/2010	2,4-Dimethylphenol	5.5	mg/Kg	U
ML-01-S-081910	8/19/2010	2,4-Dimethylphenol	5.3	mg/Kg	U
ML-05-S-081710	8/17/2010	2,4-Dimethylphenol	5.1	mg/Kg	U
ML-02-S-082310	8/23/2010	2,4-Dimethylphenol	5.0	mg/Kg	U
ML-07-S-082410	8/24/2010	2,4-Dimethylphenol	3.6	mg/Kg	UJ
ML-07-S-082110	8/21/2010	2,4-Dimethylphenol	3.6	mg/Kg	U
ML-05-S-082610	8/26/2010	2,4-Dimethylphenol	3.5	mg/Kg	U
ML-06-S-082510	8/25/2010	2,4-Dimethylphenol	3.5	mg/Kg	U
ML-07-S-081610	8/16/2010	2,4-Dimethylphenol	3.5	mg/Kg	U
ML-07-S-082510	8/25/2010	2,4-Dimethylphenol	3.4	mg/Kg	U
ML-08-S-081610	8/16/2010	2,4-Dimethylphenol	3.4	mg/Kg	U
ML-08-S-082510	8/25/2010	2,4-Dimethylphenol	3.3	mg/Kg	U
ML-08-S-082110	8/21/2010	2,4-Dimethylphenol	3.3	mg/Kg	U
ML-06-S-082010	8/20/2010	2,4-Dimethylphenol	3.3	mg/Kg	U
ML-01-S-081610	8/16/2010	2,4-Dimethylphenol	3.3	mg/Kg	U
ML-08-S-082410	8/24/2010	2,4-Dimethylphenol	3.2	mg/Kg	UJ
ML-04-S-082410	8/24/2010	2,4-Dimethylphenol	3.1	mg/Kg	UJ
ML-10-S-081610	8/16/2010	2,4-Dimethylphenol	3.1	mg/Kg	U
ML-10-S-081610	8/16/2010	2,4-Dimethylphenol	3.1	mg/Kg	U
ML-01-S-082510	8/25/2010	2,4-Dimethylphenol	3.0	mg/Kg	U
ML-10-S-082410	8/24/2010	2,4-Dimethylphenol	3.0	mg/Kg	UJ
ML-10-S-082410	8/24/2010	2,4-Dimethylphenol	3.0	mg/Kg	UJ
ML-09-S-082110	8/21/2010	2,4-Dimethylphenol	3.0	mg/Kg	U
ML-05-S-082010	8/20/2010	2,4-Dimethylphenol	3.0	mg/Kg	U
ML-09-S-082510	8/25/2010	2,4-Dimethylphenol	2.9	mg/Kg	U
ML-10-S-082110	8/21/2010	2,4-Dimethylphenol	2.9	mg/Kg	U
ML-10-S-082110	8/21/2010	2,4-Dimethylphenol	2.9	mg/Kg	U
ML-02-S-082510	8/25/2010	2,4-Dimethylphenol	2.8	mg/Kg	U
ML-09-S-082410	8/24/2010	2,4-Dimethylphenol	2.8	mg/Kg	UJ
ML-01-S-082110	8/21/2010	2,4-Dimethylphenol	2.8	mg/Kg	U
ML-03-S-082510	8/25/2010	2,4-Dimethylphenol	2.6	mg/Kg	U
ML-02-S-082010	8/20/2010	2,4-Dimethylphenol	2.6	mg/Kg	U
ML-04-S-082010	8/20/2010	2,4-Dimethylphenol	2.6	mg/Kg	U
ML-03-S-082010	8/20/2010	2,4-Dimethylphenol	2.5	mg/Kg	U

**TABLE B-2b**  
**Upstream Sediment Samples (Morrow Lake)**

Sample ID	Sample Date	Analyte	Result	Unit	Data Qualifier
ML-03-S-081610	8/16/2010	2,4-Dimethylphenol	2.5	mg/Kg	U
SEE09051430PML1	9/5/2010	2,4-Dinitrophenol	12000	ug/Kg	U
SEE09011635PML1	9/1/2010	2,4-Dinitrophenol	12000	ug/Kg	U
SEE08271145RCM1	8/27/2010	2,4-Dinitrophenol	4100	ug/kg	U
SEE10211035JDF1	10/21/2010	2,4-Dinitrophenol	4000	ug/Kg	UJ
SEE10051125PML1	10/5/2010	2,4-Dinitrophenol	3700	ug/Kg	U
SEE09061500PML1	9/6/2010	2,4-Dinitrophenol	3700	ug/Kg	U
SEE09021400PML1	9/2/2010	2,4-Dinitrophenol	3700	ug/Kg	U
SEE08301130PML1	8/30/2010	2,4-Dinitrophenol	3700	ug/Kg	U
SEE10211430JDF1	10/21/2010	2,4-Dinitrophenol	3600	ug/Kg	U
SEE10191005JDF1	10/19/2010	2,4-Dinitrophenol	3600	ug/Kg	U
SEE09301105JDF1	9/30/2010	2,4-Dinitrophenol	3600	ug/Kg	U
SEE08261620RCM1	8/26/2010	2,4-Dinitrophenol	3600	ug/kg	U
SEE10171410JDF1	10/17/2010	2,4-Dinitrophenol	3500	ug/Kg	U
SEE09181235PML1	9/18/2010	2,4-Dinitrophenol	3500	ug/Kg	U
SEE09101022PML1	9/10/2010	2,4-Dinitrophenol	3500	ug/Kg	UJ
SEE09011545PML1	9/1/2010	2,4-Dinitrophenol	3500	ug/Kg	U
SEE10221110JDF1	10/22/2010	2,4-Dinitrophenol	3400	ug/Kg	U
SEE10221110JDF1	10/22/2010	2,4-Dinitrophenol	3400	ug/Kg	U
SEE10191515JDF1	10/19/2010	2,4-Dinitrophenol	3400	ug/Kg	U
SEE10131150JDF1	10/13/2010	2,4-Dinitrophenol	3400	ug/Kg	UJ
SEE10081115PML1	10/8/2010	2,4-Dinitrophenol	3400	ug/Kg	U
SEE09301255JDF1	9/30/2010	2,4-Dinitrophenol	3400	ug/Kg	U
SEE09231645JDF1	9/23/2010	2,4-Dinitrophenol	3400	ug/Kg	U
SEE09141135PML1	9/14/2010	2,4-Dinitrophenol	3400	ug/Kg	U
SEE09121105RCM1	9/12/2010	2,4-Dinitrophenol	3400	ug/Kg	UJ
SEE09101215PML1	9/10/2010	2,4-Dinitrophenol	3400	ug/Kg	UJ
SEE09091410RCM1	9/9/2010	2,4-Dinitrophenol	3400	ug/Kg	U
SEE09081020RCM1	9/8/2010	2,4-Dinitrophenol	3400	ug/Kg	U
SEE09031645MHS1	9/3/2010	2,4-Dinitrophenol	3400	ug/Kg	UJ
SEE09011545MHS1	9/1/2010	2,4-Dinitrophenol	3400	ug/Kg	U
SEE08311420PML1	8/31/2010	2,4-Dinitrophenol	3400	ug/Kg	U
SEE08311420PML1	8/31/2010	2,4-Dinitrophenol	3400	ug/Kg	U
SEE10191415JDF1	10/19/2010	2,4-Dinitrophenol	3300	ug/Kg	U
SEE10091401PML1	10/9/2010	2,4-Dinitrophenol	3300	ug/Kg	U
SEE09121436RCM1	9/12/2010	2,4-Dinitrophenol	3300	ug/Kg	UJ
SEE09051550MHS1	9/5/2010	2,4-Dinitrophenol	3300	ug/Kg	U
SEE09030925PML1	9/3/2010	2,4-Dinitrophenol	3300	ug/Kg	UJ
SEE10211010JWP1	10/21/2010	2,4-Dinitrophenol	3200	ug/Kg	U
SEE10191155JDF1	10/19/2010	2,4-Dinitrophenol	3200	ug/Kg	U
SEE10181035JDF1	10/18/2010	2,4-Dinitrophenol	3200	ug/Kg	U
SEE10091614PML1	10/9/2010	2,4-Dinitrophenol	3200	ug/Kg	U
SEE10051653PML1	10/5/2010	2,4-Dinitrophenol	3200	ug/Kg	U
SEE10041530JDF1	10/4/2010	2,4-Dinitrophenol	3200	ug/Kg	U
SEE09291023RCM1	9/29/2010	2,4-Dinitrophenol	3200	ug/Kg	U
SEE09231210JDF1	9/23/2010	2,4-Dinitrophenol	3200	ug/Kg	U
SEE09141515PML1	9/14/2010	2,4-Dinitrophenol	3200	ug/Kg	U
SEE09131026RCM1	9/13/2010	2,4-Dinitrophenol	3200	ug/Kg	U
SEE09101625PML1	9/10/2010	2,4-Dinitrophenol	3200	ug/Kg	UJ
SEE09061525MHS1	9/6/2010	2,4-Dinitrophenol	3200	ug/Kg	U
SEE09051130PML1	9/5/2010	2,4-Dinitrophenol	3200	ug/Kg	U
SEE09031100PML1	9/3/2010	2,4-Dinitrophenol	3200	ug/Kg	UJ
SEE09021010PML1	9/2/2010	2,4-Dinitrophenol	3200	ug/Kg	U
SEE08301550PML1	8/30/2010	2,4-Dinitrophenol	3200	ug/Kg	U
SEE08301638MHS1	8/30/2010	2,4-Dinitrophenol	3200	ug/Kg	U
SEE10181510JDF1	10/18/2010	2,4-Dinitrophenol	3100	ug/Kg	U
SEE10181510JDF1	10/18/2010	2,4-Dinitrophenol	3100	ug/Kg	U
SEE10171115JDF1	10/17/2010	2,4-Dinitrophenol	3100	ug/Kg	U
SEE10141015JDF1	10/14/2010	2,4-Dinitrophenol	3100	ug/Kg	U
SEE10101215PML1	10/10/2010	2,4-Dinitrophenol	3100	ug/Kg	U

**TABLE B-2b**  
**Upstream Sediment Samples (Morrow Lake)**

Sample ID	Sample Date	Analyte	Result	Unit	Data Qualifier
SEE10101215PML1	10/10/2010	2,4-Dinitrophenol	3100	ug/Kg	U
SEE10061205PML1	10/6/2010	2,4-Dinitrophenol	3100	ug/Kg	U
SEE10031115JDF1	10/3/2010	2,4-Dinitrophenol	3100	ug/Kg	U
SEE10031115JDF1	10/3/2010	2,4-Dinitrophenol	3100	ug/Kg	U
SEE09220935RCM1	9/22/2010	2,4-Dinitrophenol	3100	ug/Kg	U
SEE09191445RCM1	9/19/2010	2,4-Dinitrophenol	3100	ug/Kg	U
SEE09171415PML1	9/17/2010	2,4-Dinitrophenol	3100	ug/Kg	U
SEE09161045PML1	9/16/2010	2,4-Dinitrophenol	3100	ug/Kg	U
SEE09140945PML1	9/14/2010	2,4-Dinitrophenol	3100	ug/Kg	U
SEE09131445RCM1	9/13/2010	2,4-Dinitrophenol	3100	ug/Kg	U
SEE09131505PML1	9/13/2010	2,4-Dinitrophenol	3100	ug/Kg	U
SEE09081205PML1	9/8/2010	2,4-Dinitrophenol	3100	ug/Kg	U
SEE09071050PML1	9/7/2010	2,4-Dinitrophenol	3100	ug/Kg	U
SEE08301145MHS1	8/30/2010	2,4-Dinitrophenol	3100	ug/Kg	U
SEE10191100JDF1	10/19/2010	2,4-Dinitrophenol	3000	ug/Kg	U
SEE10141150JDF1	10/14/2010	2,4-Dinitrophenol	3000	ug/Kg	U
SEE10141555ARM1	10/14/2010	2,4-Dinitrophenol	3000	ug/Kg	U
SEE10101010PML1	10/10/2010	2,4-Dinitrophenol	3000	ug/Kg	U
SEE10081051RCM1	10/8/2010	2,4-Dinitrophenol	3000	ug/Kg	U
SEE10061051RCM1	10/6/2010	2,4-Dinitrophenol	3000	ug/Kg	U
SEE10041138RCM1	10/4/2010	2,4-Dinitrophenol	3000	ug/Kg	U
SEE09261625JDF1	9/26/2010	2,4-Dinitrophenol	3000	ug/Kg	U
SEE09261625JDF1	9/26/2010	2,4-Dinitrophenol	3000	ug/Kg	U
SEE09251135JDF1	9/25/2010	2,4-Dinitrophenol	3000	ug/Kg	U
SEE09200945PML1	9/20/2010	2,4-Dinitrophenol	3000	ug/Kg	U
SEE09200945PML1	9/20/2010	2,4-Dinitrophenol	3000	ug/Kg	U
SEE09191040PML1	9/19/2010	2,4-Dinitrophenol	3000	ug/Kg	U
SEE09191530PML1	9/19/2010	2,4-Dinitrophenol	3000	ug/Kg	U
SEE09181705PML1	9/18/2010	2,4-Dinitrophenol	3000	ug/Kg	U
SEE09170839RCM1	9/17/2010	2,4-Dinitrophenol	3000	ug/Kg	U
SEE09151145PML1	9/15/2010	2,4-Dinitrophenol	3000	ug/Kg	U
SEE09151145PML1	9/15/2010	2,4-Dinitrophenol	3000	ug/Kg	U
SEE09121055PML1	9/12/2010	2,4-Dinitrophenol	3000	ug/Kg	UJ
SEE09121055PML1	9/12/2010	2,4-Dinitrophenol	3000	ug/Kg	UJ
SEE09091005RCM1	9/9/2010	2,4-Dinitrophenol	3000	ug/Kg	U
SEE09091515PML1	9/9/2010	2,4-Dinitrophenol	3000	ug/Kg	U
SEE09081010PML1	9/8/2010	2,4-Dinitrophenol	3000	ug/Kg	U
SEE09061105PML1	9/6/2010	2,4-Dinitrophenol	3000	ug/Kg	U
SEE09031140MHS1	9/3/2010	2,4-Dinitrophenol	3000	ug/Kg	UJ
SEE09031650PML1	9/3/2010	2,4-Dinitrophenol	3000	ug/Kg	UJ
SEE09031650PML1	9/3/2010	2,4-Dinitrophenol	3000	ug/Kg	UJ
SEE08311045PML1	8/31/2010	2,4-Dinitrophenol	3000	ug/Kg	U
SEE08261420RCM1	8/26/2010	2,4-Dinitrophenol	3000	ug/kg	U
SEE10221055DWS1	10/22/2010	2,4-Dinitrophenol	2900	ug/Kg	U
SEE10181210JDF1	10/18/2010	2,4-Dinitrophenol	2900	ug/Kg	U
SEE10161530JDF1	10/16/2010	2,4-Dinitrophenol	2900	ug/Kg	U
SEE10150945JDF1	10/15/2010	2,4-Dinitrophenol	2900	ug/Kg	U
SEE10141550JDF1	10/14/2010	2,4-Dinitrophenol	2900	ug/Kg	U
SEE10141550JDF1	10/14/2010	2,4-Dinitrophenol	2900	ug/Kg	U
SEE10120930JDF1	10/12/2010	2,4-Dinitrophenol	2900	ug/Kg	U
SEE10121155JDF1	10/12/2010	2,4-Dinitrophenol	2900	ug/Kg	U
SEE10081231PML1	10/8/2010	2,4-Dinitrophenol	2900	ug/Kg	U
SEE10071042RCM1	10/7/2010	2,4-Dinitrophenol	2900	ug/Kg	U
SEE10071101PML1	10/7/2010	2,4-Dinitrophenol	2900	ug/Kg	U
SEE10011120JDF1	10/1/2010	2,4-Dinitrophenol	2900	ug/Kg	U
SEE09260930RCM1	9/26/2010	2,4-Dinitrophenol	2900	ug/Kg	U
SEE09261215JDF1	9/26/2010	2,4-Dinitrophenol	2900	ug/Kg	U
SEE09230955RCM1	9/23/2010	2,4-Dinitrophenol	2900	ug/Kg	U
SEE09221440JDF1	9/22/2010	2,4-Dinitrophenol	2900	ug/Kg	U
SEE09151015PML1	9/15/2010	2,4-Dinitrophenol	2900	ug/Kg	U

**TABLE B-2b**  
**Upstream Sediment Samples (Morrow Lake)**

Sample ID	Sample Date	Analyte	Result	Unit	Data Qualifier
SEE09111015PML1	9/11/2010	2,4-Dinitrophenol	2900	ug/Kg	UJ
SEE09011050PML1	9/1/2010	2,4-Dinitrophenol	2900	ug/Kg	U
SEE10191010JWP1	10/19/2010	2,4-Dinitrophenol	2800	ug/Kg	U
SEE10181430JWP1	10/18/2010	2,4-Dinitrophenol	2800	ug/Kg	U
SEE10161115ARM1	10/16/2010	2,4-Dinitrophenol	2800	ug/Kg	U
SEE10061640PML1	10/6/2010	2,4-Dinitrophenol	2800	ug/Kg	U
SEE10061640PML1	10/6/2010	2,4-Dinitrophenol	2800	ug/Kg	U
SEE10041150JDF1	10/4/2010	2,4-Dinitrophenol	2800	ug/Kg	U
SEE09301205RCM1	9/30/2010	2,4-Dinitrophenol	2800	ug/Kg	U
SEE09211155JDF1	9/21/2010	2,4-Dinitrophenol	2800	ug/Kg	UJ
SEE09201115RCM1	9/20/2010	2,4-Dinitrophenol	2800	ug/Kg	U
SEE09171445RCM1	9/17/2010	2,4-Dinitrophenol	2800	ug/Kg	U
SEE09161035RCM1	9/16/2010	2,4-Dinitrophenol	2800	ug/Kg	U
SEE09121450PML1	9/12/2010	2,4-Dinitrophenol	2800	ug/Kg	UJ
SEE09040950PML1	9/4/2010	2,4-Dinitrophenol	2800	ug/Kg	U
SEE08301520JRP1	8/30/2010	2,4-Dinitrophenol	2800	ug/Kg	U
SEE10111125JDF1	10/11/2010	2,4-Dinitrophenol	2700	ug/Kg	U
SEE10031425JDF1	10/3/2010	2,4-Dinitrophenol	2700	ug/Kg	U
SEE09291035JDF1	9/29/2010	2,4-Dinitrophenol	2700	ug/Kg	U
SEE09271130JDF1	9/27/2010	2,4-Dinitrophenol	2700	ug/Kg	U
SEE09250905RCM1	9/25/2010	2,4-Dinitrophenol	2700	ug/Kg	U
SEE09211530JDF1	9/21/2010	2,4-Dinitrophenol	2700	ug/Kg	UJ
SEE09131125PML1	9/13/2010	2,4-Dinitrophenol	2700	ug/Kg	U
SEE09131620PML1	9/13/2010	2,4-Dinitrophenol	2700	ug/Kg	UJ
SEE09091145PML1	9/9/2010	2,4-Dinitrophenol	2700	ug/Kg	U
SEE09091605PML1	9/9/2010	2,4-Dinitrophenol	2700	ug/Kg	U
SEE09061130MHS1	9/6/2010	2,4-Dinitrophenol	2700	ug/Kg	U
SEE09041350PML1	9/4/2010	2,4-Dinitrophenol	2700	ug/Kg	U
SEE09011255PML1	9/1/2010	2,4-Dinitrophenol	2700	ug/Kg	U
SEE08261445JRP1	8/26/2010	2,4-Dinitrophenol	2700	ug/Kg	U
SEE09170945PML1	9/17/2010	2,4-Dinitrophenol	2600	ug/Kg	U
SEE09171125PML1	9/17/2010	2,4-Dinitrophenol	2600	ug/Kg	U
SEE09091410PML1	9/9/2010	2,4-Dinitrophenol	2600	ug/Kg	U
SEE09051015PML1	9/5/2010	2,4-Dinitrophenol	2600	ug/Kg	U
SEE08301445JRP1	8/30/2010	2,4-Dinitrophenol	2600	ug/Kg	U
SEE10161055JDF1	10/16/2010	2,4-Dinitrophenol	2500	ug/Kg	U
SEE10161415JDF1	10/16/2010	2,4-Dinitrophenol	2500	ug/Kg	U
SEE10121415ARM1	10/12/2010	2,4-Dinitrophenol	2500	ug/Kg	U
SEE10111011JDF1	10/11/2010	2,4-Dinitrophenol	2500	ug/Kg	U
SEE10071205PML1	10/7/2010	2,4-Dinitrophenol	2500	ug/Kg	U
SEE10071540PML1	10/7/2010	2,4-Dinitrophenol	2500	ug/Kg	U
SEE09211112RCM1	9/21/2010	2,4-Dinitrophenol	2500	ug/Kg	UJ
SEE09201645ARM1	9/20/2010	2,4-Dinitrophenol	2500	ug/Kg	U
SEE09130940PML1	9/13/2010	2,4-Dinitrophenol	2500	ug/Kg	U
SEE09031115JAW1	9/3/2010	2,4-Dinitrophenol	2500	ug/Kg	UJ
SEE08301015JRP1	8/30/2010	2,4-Dinitrophenol	2500	ug/Kg	U
SEE08301530JAW1	8/30/2010	2,4-Dinitrophenol	2500	ug/Kg	U
SEE10151055ARM1	10/15/2010	2,4-Dinitrophenol	2400	ug/Kg	U
SEE10111350JDF1	10/11/2010	2,4-Dinitrophenol	2400	ug/Kg	U
SEE09301255MAE1	9/30/2010	2,4-Dinitrophenol	2400	ug/Kg	U
SEE09290925JDF1	9/29/2010	2,4-Dinitrophenol	2400	ug/Kg	U
SEE09271515JDF1	9/27/2010	2,4-Dinitrophenol	2400	ug/Kg	U
SEE09221105JDF1	9/22/2010	2,4-Dinitrophenol	2400	ug/Kg	U
SEE09221615JDF1	9/22/2010	2,4-Dinitrophenol	2400	ug/Kg	U
SEE09171530PML1	9/17/2010	2,4-Dinitrophenol	2400	ug/Kg	U
SEE09091010PML1	9/9/2010	2,4-Dinitrophenol	2400	ug/Kg	U
SEE09091025JRP1	9/9/2010	2,4-Dinitrophenol	2400	ug/Kg	U
SEE09011145PML1	9/1/2010	2,4-Dinitrophenol	2400	ug/Kg	U
SEE10121030JDF1	10/12/2010	2,4-Dinitrophenol	2300	ug/Kg	U
SEE10040945JDF1	10/4/2010	2,4-Dinitrophenol	2300	ug/Kg	U

**TABLE B-2b**  
**Upstream Sediment Samples (Morrow Lake)**

Sample ID	Sample Date	Analyte	Result	Unit	Data Qualifier
SEE10041050JDF1	10/4/2010	2,4-Dinitrophenol	2300	ug/Kg	U
SEE10041335JDF1	10/4/2010	2,4-Dinitrophenol	2300	ug/Kg	U
SEE09271025ARM1	9/27/2010	2,4-Dinitrophenol	2300	ug/Kg	U
SEE09231130ARM1	9/23/2010	2,4-Dinitrophenol	2300	ug/Kg	U
SEE09291645JDF1	9/29/2010	2,4-Dinitrophenol	2200	ug/Kg	U
SEE09130955JRP1	9/13/2010	2,4-Dinitrophenol	2200	ug/Kg	U
SEE09141312RCM1	9/14/2010	2,4-Dinitrophenol	2100	ug/Kg	U
SEE08281607TWH1	8/28/2010	2,4-Dinitrophenol	2100	ug/kg	U
SEE08281630RCM1	8/28/2010	2,4-Dinitrophenol	2100	ug/kg	U
SEE10151355ARM1	10/15/2010	2,4-Dinitrophenol	1900	ug/Kg	U
SEE10071415ARM1	10/7/2010	2,4-Dinitrophenol	1900	ug/Kg	U
SEE10041355ARM1	10/4/2010	2,4-Dinitrophenol	1900	ug/Kg	U
SEE09291135JDF1	9/29/2010	2,4-Dinitrophenol	1900	ug/Kg	U
SEE09090900JRP1	9/9/2010	2,4-Dinitrophenol	1900	ug/Kg	U
SEE08311010JRP1	8/31/2010	2,4-Dinitrophenol	1900	ug/Kg	U
SEE08311348MHS1	8/31/2010	2,4-Dinitrophenol	1900	ug/Kg	U
SEE10170915JDF1	10/17/2010	2,4-Dinitrophenol	1800	ug/Kg	U
SEE08281505PML1	8/28/2010	2,4-Dinitrophenol	1800	ug/kg	U
SEE08271215PML1	8/27/2010	2,4-Dinitrophenol	1800	ug/kg	U
SEE10071151RCM1	10/7/2010	2,4-Dinitrophenol	1700	ug/Kg	U
SEE08300920JRP1	8/30/2010	2,4-Dinitrophenol	1700	ug/Kg	U
SEE08271500PML1	8/27/2010	2,4-Dinitrophenol	1700	ug/kg	U
SEE08271614TWH1	8/27/2010	2,4-Dinitrophenol	1700	ug/kg	U
SEE10221450DWS1	10/22/2010	2,4-Dinitrophenol	1600	ug/Kg	U
SEE10141025ARM1	10/14/2010	2,4-Dinitrophenol	1500	ug/Kg	U
SEE09051500MHS1	9/5/2010	2,4-Dinitrophenol	1500	ug/Kg	U
SEE08291110PML1	8/29/2010	2,4-Dinitrophenol	1500	ug/kg	U
SEE10211345JWP1	10/21/2010	2,4-Dinitrophenol	1400	ug/Kg	U
SEE08281215PML1	8/28/2010	2,4-Dinitrophenol	1400	ug/kg	U
SEE08281420TWH1	8/28/2010	2,4-Dinitrophenol	1400	ug/kg	U
SEE08281510TWH1	8/28/2010	2,4-Dinitrophenol	1400	ug/kg	U
SEE10091200ARM1	10/9/2010	2,4-Dinitrophenol	1300	ug/Kg	U
SEE09130915JRP1	9/13/2010	2,4-Dinitrophenol	1300	ug/Kg	U
SEE08291421KAP1	8/29/2010	2,4-Dinitrophenol	1300	ug/kg	U
SEE08271652TWH1	8/27/2010	2,4-Dinitrophenol	1300	ug/kg	U
SEE09061610JAW1	9/6/2010	2,4-Dinitrophenol	1200	ug/Kg	U
SEE10171535ARM1	10/17/2010	2,4-Dinitrophenol	1100	ug/Kg	U
SEE10051415ARM1	10/5/2010	2,4-Dinitrophenol	1100	ug/Kg	U
SEE08261700JRP1	8/26/2010	2,4-Dinitrophenol	1100	ug/Kg	U
SEF10221050MAE3	10/22/2010	2,4-Dinitrophenol	1000	ug/Kg	U
SEE10011125ARM1	10/1/2010	2,4-Dinitrophenol	1000	ug/Kg	U
SEE09100945RCM1	9/10/2010	2,4-Dinitrophenol	1000	ug/Kg	UJ
SEE08301410JRP1	8/30/2010	2,4-Dinitrophenol	1000	ug/Kg	U
SEE08291550KAP1	8/29/2010	2,4-Dinitrophenol	1000	ug/kg	U
SEE09211120ARM1	9/21/2010	2,4-Dinitrophenol	990	ug/Kg	UJ
SEE09201110ARM1	9/20/2010	2,4-Dinitrophenol	990	ug/Kg	U
SEF10191135NAC3	10/19/2010	2,4-Dinitrophenol	980	ug/Kg	UJ
SEE09171200ARM1	9/17/2010	2,4-Dinitrophenol	950	ug/Kg	U
SEE10081035ARM1	10/8/2010	2,4-Dinitrophenol	940	ug/Kg	U
SEE09140945JRP1	9/14/2010	2,4-Dinitrophenol	940	ug/Kg	U
SEF10011045TDF1	10/1/2010	2,4-Dinitrophenol	930	ug/Kg	U
SEE09290915MAE1	9/29/2010	2,4-Dinitrophenol	930	ug/Kg	U
SEE09200911RCM1	9/20/2010	2,4-Dinitrophenol	930	ug/Kg	U
SEE09271500ARM1	9/27/2010	2,4-Dinitrophenol	910	ug/Kg	U
SEE09231205RCM1	9/23/2010	2,4-Dinitrophenol	910	ug/Kg	U
SEE09251235ARM1	9/25/2010	2,4-Dinitrophenol	900	ug/Kg	U
SEE09150915JRP1	9/15/2010	2,4-Dinitrophenol	900	ug/Kg	U
SEE09281445RCM1	9/28/2010	2,4-Dinitrophenol	890	ug/Kg	U
SEE09070930JRP1	9/7/2010	2,4-Dinitrophenol	890	ug/Kg	U
SEE08301100JRP1	8/30/2010	2,4-Dinitrophenol	890	ug/Kg	U



**TABLE B-2b**  
**Upstream Sediment Samples (Morrow Lake)**

Sample ID	Sample Date	Analyte	Result	Unit	Data Qualifier
SEF10081108TDF3	10/8/2010	2,4-Dinitrophenol	880	ug/Kg	U
SEE10071045ARM1	10/7/2010	2,4-Dinitrophenol	880	ug/Kg	U
SEE10041045ARM1	10/4/2010	2,4-Dinitrophenol	880	ug/Kg	U
SEE10191115JWP1	10/19/2010	2,4-Dinitrophenol	870	ug/Kg	U
SEE10011043RCM1	10/1/2010	2,4-Dinitrophenol	870	ug/Kg	U
SEE09231035ARM1	9/23/2010	2,4-Dinitrophenol	870	ug/Kg	U
SEE09170935RCM1	9/17/2010	2,4-Dinitrophenol	870	ug/Kg	U
SEF10051206TDF3	10/5/2010	2,4-Dinitrophenol	860	ug/Kg	U
SEB09011143JLS1	9/1/2010	2,4-Dinitrophenol	860	ug/Kg	U
SEF10151030PMB3	10/15/2010	2,4-Dinitrophenol	850	ug/Kg	U
SEF10121130PMB3	10/12/2010	2,4-Dinitrophenol	850	ug/Kg	U
SEE09100920JRP1	9/10/2010	2,4-Dinitrophenol	850	ug/Kg	UJ
SEE09051500JAW1	9/5/2010	2,4-Dinitrophenol	850	ug/Kg	U
SEE08291354KAP1	8/29/2010	2,4-Dinitrophenol	840	ug/kg	U
SEE10061135ARM1	10/6/2010	2,4-Dinitrophenol	830	ug/Kg	U
SEE10131035ARM1	10/13/2010	2,4-Dinitrophenol	820	ug/Kg	UJ
SEE09221045ARM1	9/22/2010	2,4-Dinitrophenol	820	ug/Kg	U
SEE09080930JRP1	9/8/2010	2,4-Dinitrophenol	820	ug/Kg	U
SEE09011515JAW1	9/1/2010	2,4-Dinitrophenol	820	ug/Kg	U
SEE10051145RCM1	10/5/2010	2,4-Dinitrophenol	810	ug/Kg	U
SEE09301025MAE1	9/30/2010	2,4-Dinitrophenol	810	ug/Kg	U
SEE10121040ARM1	10/12/2010	2,4-Dinitrophenol	790	ug/Kg	U
SEF09281139TDF1	9/28/2010	2,4-Dinitrophenol	780	ug/Kg	U
SEE10181030JWP1	10/18/2010	2,4-Dinitrophenol	750	ug/Kg	U
SEE08291445PML1	8/29/2010	2,4-Dinitrophenol	690	ug/kg	U
SEE08271445JRP1	8/27/2010	2,4-Dinitrophenol	570	ug/kg	U
SEE08271536TWH1	8/27/2010	2,4-Dinitrophenol	560	ug/kg	U
SEB08281400JLS1	8/28/2010	2,4-Dinitrophenol	530	ug/kg	U
SEE08281540JRP1	8/28/2010	2,4-Dinitrophenol	520	ug/kg	U
ML-07-S-081810	8/18/2010	2,4-Dinitrophenol	7.4	mg/Kg	UJ
ML-06-S-082310	8/23/2010	2,4-Dinitrophenol	6.7	mg/Kg	U
ML-04-S-081710	8/17/2010	2,4-Dinitrophenol	6.4	mg/Kg	U
ML-03-S-082310	8/23/2010	2,4-Dinitrophenol	6.2	mg/Kg	U
ML-10-S-081910	8/19/2010	2,4-Dinitrophenol	6.2	mg/Kg	U
ML-10-S-081910	8/19/2010	2,4-Dinitrophenol	6.2	mg/Kg	U
ML-09-S-081810	8/18/2010	2,4-Dinitrophenol	6.2	mg/Kg	UJ
ML-06-S-081710	8/17/2010	2,4-Dinitrophenol	6.2	mg/Kg	U
ML-04-S-082610	8/26/2010	2,4-Dinitrophenol	6.1	mg/Kg	UJ
ML-10-S-082610	8/26/2010	2,4-Dinitrophenol	5.9	mg/Kg	UJ
ML-10-S-082610	8/26/2010	2,4-Dinitrophenol	5.9	mg/Kg	UJ
ML-05-S-082310	8/23/2010	2,4-Dinitrophenol	5.5	mg/Kg	U
ML-05-S-081710	8/17/2010	2,4-Dinitrophenol	5.1	mg/Kg	U
ML-02-S-082310	8/23/2010	2,4-Dinitrophenol	5.0	mg/Kg	U
ML-02-S-081710	8/17/2010	2,4-Dinitrophenol	4.8	mg/Kg	U
ML-07-S-082410	8/24/2010	2,4-Dinitrophenol	3.6	mg/Kg	UJ
ML-07-S-082110	8/21/2010	2,4-Dinitrophenol	3.6	mg/Kg	U
ML-05-S-082610	8/26/2010	2,4-Dinitrophenol	3.5	mg/Kg	UJ
ML-06-S-082510	8/25/2010	2,4-Dinitrophenol	3.5	mg/Kg	UJ
ML-07-S-081610	8/16/2010	2,4-Dinitrophenol	3.5	mg/Kg	U
ML-07-S-082510	8/25/2010	2,4-Dinitrophenol	3.4	mg/Kg	UJ
ML-08-S-081610	8/16/2010	2,4-Dinitrophenol	3.4	mg/Kg	U
ML-08-S-082510	8/25/2010	2,4-Dinitrophenol	3.3	mg/Kg	UJ
ML-08-S-082110	8/21/2010	2,4-Dinitrophenol	3.3	mg/Kg	U
ML-06-S-082010	8/20/2010	2,4-Dinitrophenol	3.3	mg/Kg	U
ML-01-S-081610	8/16/2010	2,4-Dinitrophenol	3.3	mg/Kg	U
ML-08-S-082410	8/24/2010	2,4-Dinitrophenol	3.2	mg/Kg	UJ
ML-04-S-082410	8/24/2010	2,4-Dinitrophenol	3.1	mg/Kg	UJ
ML-10-S-081610	8/16/2010	2,4-Dinitrophenol	3.1	mg/Kg	U
ML-10-S-081610	8/16/2010	2,4-Dinitrophenol	3.1	mg/Kg	U
ML-01-S-082510	8/25/2010	2,4-Dinitrophenol	3.0	mg/Kg	UJ

**TABLE B-2b**  
**Upstream Sediment Samples (Morrow Lake)**

Sample ID	Sample Date	Analyte	Result	Unit	Data Qualifier
ML-10-S-082410	8/24/2010	2,4-Dinitrophenol	3.0	mg/Kg	UJ
ML-10-S-082410	8/24/2010	2,4-Dinitrophenol	3.0	mg/Kg	UJ
ML-09-S-082110	8/21/2010	2,4-Dinitrophenol	3.0	mg/Kg	U
ML-05-S-082010	8/20/2010	2,4-Dinitrophenol	3.0	mg/Kg	U
ML-09-S-082510	8/25/2010	2,4-Dinitrophenol	2.9	mg/Kg	UJ
ML-10-S-082110	8/21/2010	2,4-Dinitrophenol	2.9	mg/Kg	U
ML-10-S-082110	8/21/2010	2,4-Dinitrophenol	2.9	mg/Kg	U
ML-02-S-082510	8/25/2010	2,4-Dinitrophenol	2.8	mg/Kg	UJ
ML-09-S-082410	8/24/2010	2,4-Dinitrophenol	2.8	mg/Kg	UJ
ML-01-S-082110	8/21/2010	2,4-Dinitrophenol	2.8	mg/Kg	U
ML-03-S-082510	8/25/2010	2,4-Dinitrophenol	2.6	mg/Kg	UJ
ML-02-S-082010	8/20/2010	2,4-Dinitrophenol	2.6	mg/Kg	U
ML-04-S-082010	8/20/2010	2,4-Dinitrophenol	2.6	mg/Kg	U
ML-03-S-082010	8/20/2010	2,4-Dinitrophenol	2.5	mg/Kg	U
ML-03-S-081610	8/16/2010	2,4-Dinitrophenol	2.5	mg/Kg	U
ML-01-S-081910	8/19/2010	2,4-Dinitrophenol	1.4	mg/Kg	J
SEE09051430PML1	9/5/2010	2,4-Dinitrotoluene	3000	ug/Kg	U
SEE09011635PML1	9/1/2010	2,4-Dinitrotoluene	3000	ug/Kg	U
SEE08271145RCM1	8/27/2010	2,4-Dinitrotoluene	1600	ug/kg	U
SEE08261620RCM1	8/26/2010	2,4-Dinitrotoluene	1400	ug/kg	U
SEE08261420RCM1	8/26/2010	2,4-Dinitrotoluene	1200	ug/kg	U
SEE10211035JDF1	10/21/2010	2,4-Dinitrotoluene	960	ug/Kg	UJ
SEE10051125PML1	10/5/2010	2,4-Dinitrotoluene	930	ug/Kg	U
SEE09061500PML1	9/6/2010	2,4-Dinitrotoluene	920	ug/Kg	U
SEE09021400PML1	9/2/2010	2,4-Dinitrotoluene	920	ug/Kg	U
SEE09301105JDF1	9/30/2010	2,4-Dinitrotoluene	910	ug/Kg	U
SEE08301130PML1	8/30/2010	2,4-Dinitrotoluene	910	ug/Kg	U
SEE10191005JDF1	10/19/2010	2,4-Dinitrotoluene	880	ug/Kg	U
SEE10171410JDF1	10/17/2010	2,4-Dinitrotoluene	880	ug/Kg	U
SEE09181235PML1	9/18/2010	2,4-Dinitrotoluene	880	ug/Kg	U
SEE09101022PML1	9/10/2010	2,4-Dinitrotoluene	880	ug/Kg	UJ
SEE09011545PML1	9/1/2010	2,4-Dinitrotoluene	870	ug/Kg	U
SEE10211430JDF1	10/21/2010	2,4-Dinitrotoluene	860	ug/Kg	U
SEE09231645JDF1	9/23/2010	2,4-Dinitrotoluene	860	ug/Kg	U
SEE09141135PML1	9/14/2010	2,4-Dinitrotoluene	860	ug/Kg	U
SEE09091410RCM1	9/9/2010	2,4-Dinitrotoluene	860	ug/Kg	U
SEE10081115PML1	10/8/2010	2,4-Dinitrotoluene	850	ug/Kg	U
SEE09121105RCM1	9/12/2010	2,4-Dinitrotoluene	850	ug/Kg	UJ
SEE09101215PML1	9/10/2010	2,4-Dinitrotoluene	850	ug/Kg	UJ
SEE09081020RCM1	9/8/2010	2,4-Dinitrotoluene	850	ug/Kg	U
SEE09031645MHS1	9/3/2010	2,4-Dinitrotoluene	850	ug/Kg	U
SEE09011545MHS1	9/1/2010	2,4-Dinitrotoluene	850	ug/Kg	U
SEE08311420PML1	8/31/2010	2,4-Dinitrotoluene	850	ug/Kg	U
SEE08311420PML1	8/31/2010	2,4-Dinitrotoluene	850	ug/Kg	U
SEE10131150JDF1	10/13/2010	2,4-Dinitrotoluene	840	ug/Kg	U
SEE09301255JDF1	9/30/2010	2,4-Dinitrotoluene	840	ug/Kg	U
SEE10221110JDF1	10/22/2010	2,4-Dinitrotoluene	830	ug/Kg	U
SEE10221110JDF1	10/22/2010	2,4-Dinitrotoluene	830	ug/Kg	U
SEE09030925PML1	9/3/2010	2,4-Dinitrotoluene	830	ug/Kg	U
SEE08281607TWH1	8/28/2010	2,4-Dinitrotoluene	830	ug/kg	U
SEE08281630RCM1	8/28/2010	2,4-Dinitrotoluene	830	ug/kg	U
SEE10191515JDF1	10/19/2010	2,4-Dinitrotoluene	820	ug/Kg	U
SEE10091401PML1	10/9/2010	2,4-Dinitrotoluene	820	ug/Kg	UJ
SEE09051550MHS1	9/5/2010	2,4-Dinitrotoluene	820	ug/Kg	U
SEE09291023RCM1	9/29/2010	2,4-Dinitrotoluene	810	ug/Kg	U
SEE09121436RCM1	9/12/2010	2,4-Dinitrotoluene	810	ug/Kg	UJ
SEE09021010PML1	9/2/2010	2,4-Dinitrotoluene	810	ug/Kg	U
SEE10041530JDF1	10/4/2010	2,4-Dinitrotoluene	800	ug/Kg	U
SEE09101625PML1	9/10/2010	2,4-Dinitrotoluene	800	ug/Kg	UJ
SEE09061525MHS1	9/6/2010	2,4-Dinitrotoluene	800	ug/Kg	U

**TABLE B-2b**  
**Upstream Sediment Samples (Morrow Lake)**

Sample ID	Sample Date	Analyte	Result	Unit	Data Qualifier
SEE09031100PML1	9/3/2010	2,4-Dinitrotoluene	800	ug/Kg	U
SEE08301638MHS1	8/30/2010	2,4-Dinitrotoluene	800	ug/Kg	U
SEE10191415JDF1	10/19/2010	2,4-Dinitrotoluene	790	ug/Kg	U
SEE10181035JDF1	10/18/2010	2,4-Dinitrotoluene	790	ug/Kg	U
SEE10091614PML1	10/9/2010	2,4-Dinitrotoluene	790	ug/Kg	UJ
SEE10051653PML1	10/5/2010	2,4-Dinitrotoluene	790	ug/Kg	U
SEE09231210JDF1	9/23/2010	2,4-Dinitrotoluene	790	ug/Kg	U
SEE09141515PML1	9/14/2010	2,4-Dinitrotoluene	790	ug/Kg	U
SEE09131026RCM1	9/13/2010	2,4-Dinitrotoluene	790	ug/Kg	U
SEE09051130PML1	9/5/2010	2,4-Dinitrotoluene	790	ug/Kg	U
SEE08301550PML1	8/30/2010	2,4-Dinitrotoluene	790	ug/Kg	U
SEE10191155JDF1	10/19/2010	2,4-Dinitrotoluene	780	ug/Kg	U
SEE10171115JDF1	10/17/2010	2,4-Dinitrotoluene	780	ug/Kg	U
SEE10141015JDF1	10/14/2010	2,4-Dinitrotoluene	780	ug/Kg	U
SEE09220935RCM1	9/22/2010	2,4-Dinitrotoluene	780	ug/Kg	U
SEE09191445RCM1	9/19/2010	2,4-Dinitrotoluene	780	ug/Kg	U
SEE09161045PML1	9/16/2010	2,4-Dinitrotoluene	780	ug/Kg	U
SEE09071050PML1	9/7/2010	2,4-Dinitrotoluene	780	ug/Kg	U
SEE10211010JWP1	10/21/2010	2,4-Dinitrotoluene	770	ug/Kg	U
SEE10181510JDF1	10/18/2010	2,4-Dinitrotoluene	770	ug/Kg	U
SEE10181510JDF1	10/18/2010	2,4-Dinitrotoluene	770	ug/Kg	U
SEE10061205PML1	10/6/2010	2,4-Dinitrotoluene	770	ug/Kg	U
SEE10031115JDF1	10/3/2010	2,4-Dinitrotoluene	770	ug/Kg	U
SEE10031115JDF1	10/3/2010	2,4-Dinitrotoluene	770	ug/Kg	U
SEE09171415PML1	9/17/2010	2,4-Dinitrotoluene	770	ug/Kg	U
SEE09140945PML1	9/14/2010	2,4-Dinitrotoluene	770	ug/Kg	U
SEE09131445RCM1	9/13/2010	2,4-Dinitrotoluene	770	ug/Kg	U
SEE09131505PML1	9/13/2010	2,4-Dinitrotoluene	770	ug/Kg	U
SEE08301145MHS1	8/30/2010	2,4-Dinitrotoluene	770	ug/Kg	U
SEE10141555ARM1	10/14/2010	2,4-Dinitrotoluene	760	ug/Kg	U
SEE10101215PML1	10/10/2010	2,4-Dinitrotoluene	760	ug/Kg	U
SEE10101215PML1	10/10/2010	2,4-Dinitrotoluene	760	ug/Kg	U
SEE09170839RCM1	9/17/2010	2,4-Dinitrotoluene	760	ug/Kg	U
SEE09081205PML1	9/8/2010	2,4-Dinitrotoluene	760	ug/Kg	U
SEE09031140MHS1	9/3/2010	2,4-Dinitrotoluene	760	ug/Kg	U
SEE10061051RCM1	10/6/2010	2,4-Dinitrotoluene	750	ug/Kg	U
SEE10041138RCM1	10/4/2010	2,4-Dinitrotoluene	750	ug/Kg	U
SEE09251135JDF1	9/25/2010	2,4-Dinitrotoluene	750	ug/Kg	U
SEE09200945PML1	9/20/2010	2,4-Dinitrotoluene	750	ug/Kg	U
SEE09200945PML1	9/20/2010	2,4-Dinitrotoluene	750	ug/Kg	U
SEE09191040PML1	9/19/2010	2,4-Dinitrotoluene	750	ug/Kg	U
SEE09181705PML1	9/18/2010	2,4-Dinitrotoluene	750	ug/Kg	U
SEE09091005RCM1	9/9/2010	2,4-Dinitrotoluene	750	ug/Kg	U
SEE09061105PML1	9/6/2010	2,4-Dinitrotoluene	750	ug/Kg	U
SEE09031650PML1	9/3/2010	2,4-Dinitrotoluene	750	ug/Kg	U
SEE09031650PML1	9/3/2010	2,4-Dinitrotoluene	750	ug/Kg	U
SEE10191100JDF1	10/19/2010	2,4-Dinitrotoluene	740	ug/Kg	U
SEE10141150JDF1	10/14/2010	2,4-Dinitrotoluene	740	ug/Kg	U
SEE10101010PML1	10/10/2010	2,4-Dinitrotoluene	740	ug/Kg	U
SEE10081051RCM1	10/8/2010	2,4-Dinitrotoluene	740	ug/Kg	U
SEE09261625JDF1	9/26/2010	2,4-Dinitrotoluene	740	ug/Kg	U
SEE09261625JDF1	9/26/2010	2,4-Dinitrotoluene	740	ug/Kg	U
SEE09191530PML1	9/19/2010	2,4-Dinitrotoluene	740	ug/Kg	U
SEE09151145PML1	9/15/2010	2,4-Dinitrotoluene	740	ug/Kg	U
SEE09151145PML1	9/15/2010	2,4-Dinitrotoluene	740	ug/Kg	U
SEE09121055PML1	9/12/2010	2,4-Dinitrotoluene	740	ug/Kg	UJ
SEE09121055PML1	9/12/2010	2,4-Dinitrotoluene	740	ug/Kg	UJ
SEE09091515PML1	9/9/2010	2,4-Dinitrotoluene	740	ug/Kg	U
SEE09081010PML1	9/8/2010	2,4-Dinitrotoluene	740	ug/Kg	U
SEE08311045PML1	8/31/2010	2,4-Dinitrotoluene	740	ug/Kg	U

**TABLE B-2b**  
**Upstream Sediment Samples (Morrow Lake)**

Sample ID	Sample Date	Analyte	Result	Unit	Data Qualifier
SEE10161530JDF1	10/16/2010	2,4-Dinitrotoluene	730	ug/Kg	U
SEE10141550JDF1	10/14/2010	2,4-Dinitrotoluene	730	ug/Kg	U
SEE10141550JDF1	10/14/2010	2,4-Dinitrotoluene	730	ug/Kg	U
SEE10121155JDF1	10/12/2010	2,4-Dinitrotoluene	730	ug/Kg	U
SEE10011120JDF1	10/1/2010	2,4-Dinitrotoluene	730	ug/Kg	U
SEE09260930RCM1	9/26/2010	2,4-Dinitrotoluene	730	ug/Kg	U
SEE09230955RCM1	9/23/2010	2,4-Dinitrotoluene	730	ug/Kg	U
SEE09151015PML1	9/15/2010	2,4-Dinitrotoluene	730	ug/Kg	U
SEE09111015PML1	9/11/2010	2,4-Dinitrotoluene	730	ug/Kg	UJ
SEE08281505PML1	8/28/2010	2,4-Dinitrotoluene	730	ug/kg	U
SEE10181210JDF1	10/18/2010	2,4-Dinitrotoluene	720	ug/Kg	U
SEE10150945JDF1	10/15/2010	2,4-Dinitrotoluene	720	ug/Kg	U
SEE10120930JDF1	10/12/2010	2,4-Dinitrotoluene	720	ug/Kg	U
SEE10081231PML1	10/8/2010	2,4-Dinitrotoluene	720	ug/Kg	U
SEE10071042RCM1	10/7/2010	2,4-Dinitrotoluene	720	ug/Kg	U
SEE10071101PML1	10/7/2010	2,4-Dinitrotoluene	720	ug/Kg	U
SEE09261215JDF1	9/26/2010	2,4-Dinitrotoluene	720	ug/Kg	U
SEE09011050PML1	9/1/2010	2,4-Dinitrotoluene	720	ug/Kg	U
SEE08271215PML1	8/27/2010	2,4-Dinitrotoluene	720	ug/kg	U
SEE10221055DWS1	10/22/2010	2,4-Dinitrotoluene	710	ug/Kg	U
SEE09221440JDF1	9/22/2010	2,4-Dinitrotoluene	710	ug/Kg	U
SEE09040950PML1	9/4/2010	2,4-Dinitrotoluene	710	ug/Kg	U
SEE10181430JWP1	10/18/2010	2,4-Dinitrotoluene	700	ug/Kg	U
SEE10161115ARM1	10/16/2010	2,4-Dinitrotoluene	700	ug/Kg	U
SEE10061640PML1	10/6/2010	2,4-Dinitrotoluene	700	ug/Kg	U
SEE10061640PML1	10/6/2010	2,4-Dinitrotoluene	700	ug/Kg	U
SEE09301205RCM1	9/30/2010	2,4-Dinitrotoluene	700	ug/Kg	U
SEE09211155JDF1	9/21/2010	2,4-Dinitrotoluene	700	ug/Kg	UJ
SEE09201115RCM1	9/20/2010	2,4-Dinitrotoluene	700	ug/Kg	U
SEE09171445RCM1	9/17/2010	2,4-Dinitrotoluene	700	ug/Kg	U
SEE09161035RCM1	9/16/2010	2,4-Dinitrotoluene	700	ug/Kg	U
SEE10191010JWP1	10/19/2010	2,4-Dinitrotoluene	690	ug/Kg	U
SEE10041150JDF1	10/4/2010	2,4-Dinitrotoluene	690	ug/Kg	U
SEE09121450PML1	9/12/2010	2,4-Dinitrotoluene	690	ug/Kg	UJ
SEE08301520JRP1	8/30/2010	2,4-Dinitrotoluene	690	ug/Kg	U
SEE08271614TWH1	8/27/2010	2,4-Dinitrotoluene	690	ug/kg	U
SEE10111125JDF1	10/11/2010	2,4-Dinitrotoluene	680	ug/Kg	U
SEE09271130JDF1	9/27/2010	2,4-Dinitrotoluene	680	ug/Kg	U
SEE09131620PML1	9/13/2010	2,4-Dinitrotoluene	680	ug/Kg	UJ
SEE09061130MHS1	9/6/2010	2,4-Dinitrotoluene	680	ug/Kg	U
SEE08261445JRP1	8/26/2010	2,4-Dinitrotoluene	680	ug/Kg	U
SEE10031425JDF1	10/3/2010	2,4-Dinitrotoluene	670	ug/Kg	U
SEE09291035JDF1	9/29/2010	2,4-Dinitrotoluene	670	ug/Kg	U
SEE09250905RCM1	9/25/2010	2,4-Dinitrotoluene	670	ug/Kg	U
SEE09211530JDF1	9/21/2010	2,4-Dinitrotoluene	670	ug/Kg	UJ
SEE09131125PML1	9/13/2010	2,4-Dinitrotoluene	670	ug/Kg	U
SEE09091605PML1	9/9/2010	2,4-Dinitrotoluene	670	ug/Kg	U
SEE09041350PML1	9/4/2010	2,4-Dinitrotoluene	670	ug/Kg	U
SEE09011255PML1	9/1/2010	2,4-Dinitrotoluene	670	ug/Kg	U
SEE09170945PML1	9/17/2010	2,4-Dinitrotoluene	660	ug/Kg	U
SEE09091145PML1	9/9/2010	2,4-Dinitrotoluene	660	ug/Kg	U
SEE08301445JRP1	8/30/2010	2,4-Dinitrotoluene	660	ug/Kg	U
SEE08271500PML1	8/27/2010	2,4-Dinitrotoluene	660	ug/kg	U
SEE09091410PML1	9/9/2010	2,4-Dinitrotoluene	650	ug/Kg	U
SEE09171125PML1	9/17/2010	2,4-Dinitrotoluene	640	ug/Kg	U
SEE09051015PML1	9/5/2010	2,4-Dinitrotoluene	640	ug/Kg	U
SEE10161415JDF1	10/16/2010	2,4-Dinitrotoluene	630	ug/Kg	U
SEE10111011JDF1	10/11/2010	2,4-Dinitrotoluene	630	ug/Kg	U
SEE09130940PML1	9/13/2010	2,4-Dinitrotoluene	630	ug/Kg	U
SEE08301015JRP1	8/30/2010	2,4-Dinitrotoluene	630	ug/Kg	U

**TABLE B-2b**  
**Upstream Sediment Samples (Morrow Lake)**

Sample ID	Sample Date	Analyte	Result	Unit	Data Qualifier
SEE10121415ARM1	10/12/2010	2,4-Dinitrotoluene	620	ug/Kg	U
SEE10071540PML1	10/7/2010	2,4-Dinitrotoluene	620	ug/Kg	U
SEE09031115JAW1	9/3/2010	2,4-Dinitrotoluene	620	ug/Kg	U
SEE08301530JAW1	8/30/2010	2,4-Dinitrotoluene	620	ug/Kg	U
SEE10161055JDF1	10/16/2010	2,4-Dinitrotoluene	610	ug/Kg	U
SEE10071205PML1	10/7/2010	2,4-Dinitrotoluene	610	ug/Kg	U
SEE09271515JDF1	9/27/2010	2,4-Dinitrotoluene	610	ug/Kg	U
SEE09211112RCM1	9/21/2010	2,4-Dinitrotoluene	610	ug/Kg	UJ
SEE09201645ARM1	9/20/2010	2,4-Dinitrotoluene	610	ug/Kg	U
SEE09171530PML1	9/17/2010	2,4-Dinitrotoluene	610	ug/Kg	U
SEE09091010PML1	9/9/2010	2,4-Dinitrotoluene	610	ug/Kg	U
SEE09091025JRP1	9/9/2010	2,4-Dinitrotoluene	610	ug/Kg	U
SEE10111350JDF1	10/11/2010	2,4-Dinitrotoluene	600	ug/Kg	U
SEE09290925JDF1	9/29/2010	2,4-Dinitrotoluene	600	ug/Kg	U
SEE09221105JDF1	9/22/2010	2,4-Dinitrotoluene	600	ug/Kg	U
SEE09221615JDF1	9/22/2010	2,4-Dinitrotoluene	600	ug/Kg	U
SEE10151055ARM1	10/15/2010	2,4-Dinitrotoluene	590	ug/Kg	U
SEE09301255MAE1	9/30/2010	2,4-Dinitrotoluene	590	ug/Kg	U
SEE09011145PML1	9/1/2010	2,4-Dinitrotoluene	590	ug/Kg	U
SEE08291110PML1	8/29/2010	2,4-Dinitrotoluene	590	ug/kg	U
SEE10041050JDF1	10/4/2010	2,4-Dinitrotoluene	580	ug/Kg	U
SEE09231130ARM1	9/23/2010	2,4-Dinitrotoluene	580	ug/Kg	U
SEE10121030JDF1	10/12/2010	2,4-Dinitrotoluene	570	ug/Kg	U
SEE10041335JDF1	10/4/2010	2,4-Dinitrotoluene	570	ug/Kg	U
SEE09271025ARM1	9/27/2010	2,4-Dinitrotoluene	570	ug/Kg	U
SEE08281215PML1	8/28/2010	2,4-Dinitrotoluene	570	ug/kg	U
SEE08281420TWH1	8/28/2010	2,4-Dinitrotoluene	570	ug/kg	U
SEE10040945JDF1	10/4/2010	2,4-Dinitrotoluene	560	ug/Kg	U
SEE09130955JRP1	9/13/2010	2,4-Dinitrotoluene	560	ug/Kg	U
SEE09291645JDF1	9/29/2010	2,4-Dinitrotoluene	550	ug/Kg	U
SEE08281510TWH1	8/28/2010	2,4-Dinitrotoluene	540	ug/kg	U
SEE09141312RCM1	9/14/2010	2,4-Dinitrotoluene	530	ug/Kg	U
SEE08291421KAP1	8/29/2010	2,4-Dinitrotoluene	510	ug/kg	U
SEE08271652TWH1	8/27/2010	2,4-Dinitrotoluene	500	ug/kg	U
SEE10151355ARM1	10/15/2010	2,4-Dinitrotoluene	480	ug/Kg	U
SEE10041355ARM1	10/4/2010	2,4-Dinitrotoluene	480	ug/Kg	U
SEE09090900JRP1	9/9/2010	2,4-Dinitrotoluene	470	ug/Kg	U
SEE08311010JRP1	8/31/2010	2,4-Dinitrotoluene	470	ug/Kg	U
SEE08311348MHS1	8/31/2010	2,4-Dinitrotoluene	470	ug/Kg	U
SEE10170915JDF1	10/17/2010	2,4-Dinitrotoluene	460	ug/Kg	U
SEE10071415ARM1	10/7/2010	2,4-Dinitrotoluene	460	ug/Kg	U
SEE09291135JDF1	9/29/2010	2,4-Dinitrotoluene	460	ug/Kg	U
SEE10071151RCM1	10/7/2010	2,4-Dinitrotoluene	430	ug/Kg	U
SEE08300920JRP1	8/30/2010	2,4-Dinitrotoluene	410	ug/Kg	U
SEE08291550KAP1	8/29/2010	2,4-Dinitrotoluene	410	ug/kg	U
SEE10221450DWS1	10/22/2010	2,4-Dinitrotoluene	390	ug/Kg	U
SEE09051500MHS1	9/5/2010	2,4-Dinitrotoluene	380	ug/Kg	U
SEE10141025ARM1	10/14/2010	2,4-Dinitrotoluene	370	ug/Kg	U
SEE10211345JWP1	10/21/2010	2,4-Dinitrotoluene	330	ug/Kg	U
SEE10091200ARM1	10/9/2010	2,4-Dinitrotoluene	330	ug/Kg	UJ
SEE09130915JRP1	9/13/2010	2,4-Dinitrotoluene	330	ug/Kg	U
SEE08291354KAP1	8/29/2010	2,4-Dinitrotoluene	330	ug/kg	U
SEE09061610JAW1	9/6/2010	2,4-Dinitrotoluene	290	ug/Kg	U
SEE10051415ARM1	10/5/2010	2,4-Dinitrotoluene	280	ug/Kg	U
SEE10171535ARM1	10/17/2010	2,4-Dinitrotoluene	270	ug/Kg	U
SEE08291445PML1	8/29/2010	2,4-Dinitrotoluene	270	ug/kg	U
SEE08261700JRP1	8/26/2010	2,4-Dinitrotoluene	270	ug/Kg	U
SEE09100945RCM1	9/10/2010	2,4-Dinitrotoluene	260	ug/Kg	UJ
SEE08301410JRP1	8/30/2010	2,4-Dinitrotoluene	260	ug/Kg	U
SEE10011125ARM1	10/1/2010	2,4-Dinitrotoluene	250	ug/Kg	U

**TABLE B-2b**  
**Upstream Sediment Samples (Morrow Lake)**

Sample ID	Sample Date	Analyte	Result	Unit	Data Qualifier
SEE09211120ARM1	9/21/2010	2,4-Dinitrotoluene	250	ug/Kg	UJ
SEE09201110ARM1	9/20/2010	2,4-Dinitrotoluene	250	ug/Kg	U
SEF10221050MAE3	10/22/2010	2,4-Dinitrotoluene	240	ug/Kg	U
SEF10191135NAC3	10/19/2010	2,4-Dinitrotoluene	240	ug/Kg	U
SEE10081035ARM1	10/8/2010	2,4-Dinitrotoluene	240	ug/Kg	U
SEE09171200ARM1	9/17/2010	2,4-Dinitrotoluene	240	ug/Kg	U
SEF10011045TDF1	10/1/2010	2,4-Dinitrotoluene	230	ug/Kg	U
SEE09290915MAE1	9/29/2010	2,4-Dinitrotoluene	230	ug/Kg	U
SEE09271500ARM1	9/27/2010	2,4-Dinitrotoluene	230	ug/Kg	U
SEE09231205RCM1	9/23/2010	2,4-Dinitrotoluene	230	ug/Kg	U
SEE09200911RCM1	9/20/2010	2,4-Dinitrotoluene	230	ug/Kg	U
SEE09140945JRP1	9/14/2010	2,4-Dinitrotoluene	230	ug/Kg	U
SEE08271445JRP1	8/27/2010	2,4-Dinitrotoluene	230	ug/kg	U
SEF10081108TDF3	10/8/2010	2,4-Dinitrotoluene	220	ug/Kg	U
SEE10071045ARM1	10/7/2010	2,4-Dinitrotoluene	220	ug/Kg	U
SEE10041045ARM1	10/4/2010	2,4-Dinitrotoluene	220	ug/Kg	U
SEE10011043RCM1	10/1/2010	2,4-Dinitrotoluene	220	ug/Kg	U
SEE09281445RCM1	9/28/2010	2,4-Dinitrotoluene	220	ug/Kg	U
SEE09251235ARM1	9/25/2010	2,4-Dinitrotoluene	220	ug/Kg	U
SEE09231035ARM1	9/23/2010	2,4-Dinitrotoluene	220	ug/Kg	U
SEE09170935RCM1	9/17/2010	2,4-Dinitrotoluene	220	ug/Kg	U
SEE09150915JRP1	9/15/2010	2,4-Dinitrotoluene	220	ug/Kg	U
SEE09070930JRP1	9/7/2010	2,4-Dinitrotoluene	220	ug/Kg	U
SEB09011143JLS1	9/1/2010	2,4-Dinitrotoluene	220	ug/Kg	U
SEE08301100JRP1	8/30/2010	2,4-Dinitrotoluene	220	ug/Kg	U
SEE08271536TWH1	8/27/2010	2,4-Dinitrotoluene	220	ug/kg	U
SEE10191115JWP1	10/19/2010	2,4-Dinitrotoluene	210	ug/Kg	U
SEF10151030PMB3	10/15/2010	2,4-Dinitrotoluene	210	ug/Kg	U
SEF10121130PMB3	10/12/2010	2,4-Dinitrotoluene	210	ug/Kg	U
SEE10061135ARM1	10/6/2010	2,4-Dinitrotoluene	210	ug/Kg	U
SEF10051206TDF3	10/5/2010	2,4-Dinitrotoluene	210	ug/Kg	U
SEE09100920JRP1	9/10/2010	2,4-Dinitrotoluene	210	ug/Kg	UJ
SEE09051500JAW1	9/5/2010	2,4-Dinitrotoluene	210	ug/Kg	U
SEB08281400JLS1	8/28/2010	2,4-Dinitrotoluene	210	ug/kg	U
SEE08281540JRP1	8/28/2010	2,4-Dinitrotoluene	210	ug/kg	U
SEE10131035ARM1	10/13/2010	2,4-Dinitrotoluene	200	ug/Kg	U
SEE10121040ARM1	10/12/2010	2,4-Dinitrotoluene	200	ug/Kg	U
SEE10051145RCM1	10/5/2010	2,4-Dinitrotoluene	200	ug/Kg	U
SEE09301025MAE1	9/30/2010	2,4-Dinitrotoluene	200	ug/Kg	U
SEF09281139TDF1	9/28/2010	2,4-Dinitrotoluene	200	ug/Kg	U
SEE09221045ARM1	9/22/2010	2,4-Dinitrotoluene	200	ug/Kg	U
SEE09080930JRP1	9/8/2010	2,4-Dinitrotoluene	200	ug/Kg	U
SEE09011515JAW1	9/1/2010	2,4-Dinitrotoluene	200	ug/Kg	U
SEE10181030JWP1	10/18/2010	2,4-Dinitrotoluene	190	ug/Kg	U
ML-07-S-081810	8/18/2010	2,4-Dinitrotoluene	3.7	mg/Kg	UJ
ML-06-S-082310	8/23/2010	2,4-Dinitrotoluene	3.3	mg/Kg	U
ML-04-S-081710	8/17/2010	2,4-Dinitrotoluene	3.2	mg/Kg	U
ML-04-S-082610	8/26/2010	2,4-Dinitrotoluene	3.1	mg/Kg	U
ML-03-S-082310	8/23/2010	2,4-Dinitrotoluene	3.1	mg/Kg	U
ML-10-S-081910	8/19/2010	2,4-Dinitrotoluene	3.1	mg/Kg	U
ML-10-S-081910	8/19/2010	2,4-Dinitrotoluene	3.1	mg/Kg	U
ML-09-S-081810	8/18/2010	2,4-Dinitrotoluene	3.1	mg/Kg	UJ
ML-06-S-081710	8/17/2010	2,4-Dinitrotoluene	3.1	mg/Kg	U
ML-10-S-082610	8/26/2010	2,4-Dinitrotoluene	3.0	mg/Kg	U
ML-10-S-082610	8/26/2010	2,4-Dinitrotoluene	3.0	mg/Kg	U
ML-05-S-082310	8/23/2010	2,4-Dinitrotoluene	2.8	mg/Kg	U
ML-01-S-081910	8/19/2010	2,4-Dinitrotoluene	2.7	mg/Kg	U
ML-05-S-081710	8/17/2010	2,4-Dinitrotoluene	2.6	mg/Kg	U
ML-02-S-082310	8/23/2010	2,4-Dinitrotoluene	2.5	mg/Kg	U
ML-02-S-081710	8/17/2010	2,4-Dinitrotoluene	2.4	mg/Kg	U

**TABLE B-2b**  
**Upstream Sediment Samples (Morrow Lake)**

Sample ID	Sample Date	Analyte	Result	Unit	Data Qualifier
ML-06-S-082510	8/25/2010	2,4-Dinitrotoluene	1.8	mg/Kg	U
ML-07-S-082410	8/24/2010	2,4-Dinitrotoluene	1.8	mg/Kg	UJ
ML-07-S-082110	8/21/2010	2,4-Dinitrotoluene	1.8	mg/Kg	U
ML-05-S-082610	8/26/2010	2,4-Dinitrotoluene	1.7	mg/Kg	U
ML-07-S-082510	8/25/2010	2,4-Dinitrotoluene	1.7	mg/Kg	U
ML-08-S-082110	8/21/2010	2,4-Dinitrotoluene	1.7	mg/Kg	U
ML-07-S-081610	8/16/2010	2,4-Dinitrotoluene	1.7	mg/Kg	U
ML-08-S-081610	8/16/2010	2,4-Dinitrotoluene	1.7	mg/Kg	U
ML-08-S-082510	8/25/2010	2,4-Dinitrotoluene	1.6	mg/Kg	U
ML-08-S-082410	8/24/2010	2,4-Dinitrotoluene	1.6	mg/Kg	UJ
ML-06-S-082010	8/20/2010	2,4-Dinitrotoluene	1.6	mg/Kg	U
ML-01-S-081610	8/16/2010	2,4-Dinitrotoluene	1.6	mg/Kg	U
ML-01-S-082510	8/25/2010	2,4-Dinitrotoluene	1.5	mg/Kg	U
ML-09-S-082510	8/25/2010	2,4-Dinitrotoluene	1.5	mg/Kg	U
ML-04-S-082410	8/24/2010	2,4-Dinitrotoluene	1.5	mg/Kg	UJ
ML-10-S-082410	8/24/2010	2,4-Dinitrotoluene	1.5	mg/Kg	UJ
ML-10-S-082410	8/24/2010	2,4-Dinitrotoluene	1.5	mg/Kg	UJ
ML-09-S-082110	8/21/2010	2,4-Dinitrotoluene	1.5	mg/Kg	U
ML-10-S-082110	8/21/2010	2,4-Dinitrotoluene	1.5	mg/Kg	U
ML-10-S-082110	8/21/2010	2,4-Dinitrotoluene	1.5	mg/Kg	U
ML-05-S-082010	8/20/2010	2,4-Dinitrotoluene	1.5	mg/Kg	U
ML-10-S-081610	8/16/2010	2,4-Dinitrotoluene	1.5	mg/Kg	U
ML-10-S-081610	8/16/2010	2,4-Dinitrotoluene	1.5	mg/Kg	U
ML-02-S-082510	8/25/2010	2,4-Dinitrotoluene	1.4	mg/Kg	U
ML-09-S-082410	8/24/2010	2,4-Dinitrotoluene	1.4	mg/Kg	UJ
ML-01-S-082110	8/21/2010	2,4-Dinitrotoluene	1.4	mg/Kg	U
ML-03-S-082510	8/25/2010	2,4-Dinitrotoluene	1.3	mg/Kg	U
ML-02-S-082010	8/20/2010	2,4-Dinitrotoluene	1.3	mg/Kg	U
ML-03-S-082010	8/20/2010	2,4-Dinitrotoluene	1.3	mg/Kg	U
ML-04-S-082010	8/20/2010	2,4-Dinitrotoluene	1.3	mg/Kg	U
ML-03-S-081610	8/16/2010	2,4-Dinitrotoluene	1.2	mg/Kg	U
SEE09051430PML1	9/5/2010	2,6-Dinitrotoluene	3000	ug/Kg	U
SEE09011635PML1	9/1/2010	2,6-Dinitrotoluene	3000	ug/Kg	U
SEE08271145RCM1	8/27/2010	2,6-Dinitrotoluene	1600	ug/kg	U
SEE08261620RCM1	8/26/2010	2,6-Dinitrotoluene	1400	ug/kg	U
SEE08261420RCM1	8/26/2010	2,6-Dinitrotoluene	1200	ug/kg	U
SEE10211035JDF1	10/21/2010	2,6-Dinitrotoluene	960	ug/Kg	UJ
SEE10051125PML1	10/5/2010	2,6-Dinitrotoluene	930	ug/Kg	U
SEE09061500PML1	9/6/2010	2,6-Dinitrotoluene	920	ug/Kg	U
SEE09021400PML1	9/2/2010	2,6-Dinitrotoluene	920	ug/Kg	U
SEE09301105JDF1	9/30/2010	2,6-Dinitrotoluene	910	ug/Kg	U
SEE08301130PML1	8/30/2010	2,6-Dinitrotoluene	910	ug/Kg	U
SEE10191005JDF1	10/19/2010	2,6-Dinitrotoluene	880	ug/Kg	U
SEE10171410JDF1	10/17/2010	2,6-Dinitrotoluene	880	ug/Kg	U
SEE09181235PML1	9/18/2010	2,6-Dinitrotoluene	880	ug/Kg	U
SEE09101022PML1	9/10/2010	2,6-Dinitrotoluene	880	ug/Kg	UJ
SEE09011545PML1	9/1/2010	2,6-Dinitrotoluene	870	ug/Kg	U
SEE10211430JDF1	10/21/2010	2,6-Dinitrotoluene	860	ug/Kg	U
SEE09231645JDF1	9/23/2010	2,6-Dinitrotoluene	860	ug/Kg	U
SEE09141135PML1	9/14/2010	2,6-Dinitrotoluene	860	ug/Kg	U
SEE09091410RCM1	9/9/2010	2,6-Dinitrotoluene	860	ug/Kg	U
SEE10081115PML1	10/8/2010	2,6-Dinitrotoluene	850	ug/Kg	U
SEE09121105RCM1	9/12/2010	2,6-Dinitrotoluene	850	ug/Kg	UJ
SEE09101215PML1	9/10/2010	2,6-Dinitrotoluene	850	ug/Kg	UJ
SEE09081020RCM1	9/8/2010	2,6-Dinitrotoluene	850	ug/Kg	U
SEE09031645MHS1	9/3/2010	2,6-Dinitrotoluene	850	ug/Kg	U
SEE09011545MHS1	9/1/2010	2,6-Dinitrotoluene	850	ug/Kg	U
SEE08311420PML1	8/31/2010	2,6-Dinitrotoluene	850	ug/Kg	U
SEE08311420PML1	8/31/2010	2,6-Dinitrotoluene	850	ug/Kg	U
SEE10131150JDF1	10/13/2010	2,6-Dinitrotoluene	840	ug/Kg	U

**TABLE B-2b**  
**Upstream Sediment Samples (Morrow Lake)**

Sample ID	Sample Date	Analyte	Result	Unit	Data Qualifier
SEE09301255JDF1	9/30/2010	2,6-Dinitrotoluene	840	ug/Kg	U
SEE10221110JDF1	10/22/2010	2,6-Dinitrotoluene	830	ug/Kg	U
SEE10221110JDF1	10/22/2010	2,6-Dinitrotoluene	830	ug/Kg	U
SEE09030925PML1	9/3/2010	2,6-Dinitrotoluene	830	ug/Kg	U
SEE08281607TWH1	8/28/2010	2,6-Dinitrotoluene	830	ug/kg	U
SEE08281630RCM1	8/28/2010	2,6-Dinitrotoluene	830	ug/kg	U
SEE10191515JDF1	10/19/2010	2,6-Dinitrotoluene	820	ug/Kg	U
SEE10091401PML1	10/9/2010	2,6-Dinitrotoluene	820	ug/Kg	UJ
SEE09051550MHS1	9/5/2010	2,6-Dinitrotoluene	820	ug/Kg	U
SEE09291023RCM1	9/29/2010	2,6-Dinitrotoluene	810	ug/Kg	U
SEE09121436RCM1	9/12/2010	2,6-Dinitrotoluene	810	ug/Kg	UJ
SEE09021010PML1	9/2/2010	2,6-Dinitrotoluene	810	ug/Kg	U
SEE10041530JDF1	10/4/2010	2,6-Dinitrotoluene	800	ug/Kg	U
SEE09101625PML1	9/10/2010	2,6-Dinitrotoluene	800	ug/Kg	UJ
SEE09061525MHS1	9/6/2010	2,6-Dinitrotoluene	800	ug/Kg	U
SEE09031100PML1	9/3/2010	2,6-Dinitrotoluene	800	ug/Kg	U
SEE08301638MHS1	8/30/2010	2,6-Dinitrotoluene	800	ug/Kg	U
SEE10191415JDF1	10/19/2010	2,6-Dinitrotoluene	790	ug/Kg	U
SEE10181035JDF1	10/18/2010	2,6-Dinitrotoluene	790	ug/Kg	U
SEE10091614PML1	10/9/2010	2,6-Dinitrotoluene	790	ug/Kg	UJ
SEE10051653PML1	10/5/2010	2,6-Dinitrotoluene	790	ug/Kg	U
SEE09231210JDF1	9/23/2010	2,6-Dinitrotoluene	790	ug/Kg	U
SEE09141515PML1	9/14/2010	2,6-Dinitrotoluene	790	ug/Kg	U
SEE09131026RCM1	9/13/2010	2,6-Dinitrotoluene	790	ug/Kg	U
SEE09051130PML1	9/5/2010	2,6-Dinitrotoluene	790	ug/Kg	U
SEE08301550PML1	8/30/2010	2,6-Dinitrotoluene	790	ug/Kg	U
SEE10191155JDF1	10/19/2010	2,6-Dinitrotoluene	780	ug/Kg	U
SEE10171115JDF1	10/17/2010	2,6-Dinitrotoluene	780	ug/Kg	U
SEE10141015JDF1	10/14/2010	2,6-Dinitrotoluene	780	ug/Kg	U
SEE09220935RCM1	9/22/2010	2,6-Dinitrotoluene	780	ug/Kg	U
SEE09191445RCM1	9/19/2010	2,6-Dinitrotoluene	780	ug/Kg	U
SEE09161045PML1	9/16/2010	2,6-Dinitrotoluene	780	ug/Kg	U
SEE09071050PML1	9/7/2010	2,6-Dinitrotoluene	780	ug/Kg	U
SEE10211010JWP1	10/21/2010	2,6-Dinitrotoluene	770	ug/Kg	U
SEE10181510JDF1	10/18/2010	2,6-Dinitrotoluene	770	ug/Kg	U
SEE10181510JDF1	10/18/2010	2,6-Dinitrotoluene	770	ug/Kg	U
SEE10061205PML1	10/6/2010	2,6-Dinitrotoluene	770	ug/Kg	U
SEE10031115JDF1	10/3/2010	2,6-Dinitrotoluene	770	ug/Kg	U
SEE10031115JDF1	10/3/2010	2,6-Dinitrotoluene	770	ug/Kg	U
SEE09171415PML1	9/17/2010	2,6-Dinitrotoluene	770	ug/Kg	UJ
SEE09140945PML1	9/14/2010	2,6-Dinitrotoluene	770	ug/Kg	U
SEE09131445RCM1	9/13/2010	2,6-Dinitrotoluene	770	ug/Kg	U
SEE09131505PML1	9/13/2010	2,6-Dinitrotoluene	770	ug/Kg	U
SEE08301145MHS1	8/30/2010	2,6-Dinitrotoluene	770	ug/Kg	U
SEE10141555ARM1	10/14/2010	2,6-Dinitrotoluene	760	ug/Kg	U
SEE10101215PML1	10/10/2010	2,6-Dinitrotoluene	760	ug/Kg	U
SEE10101215PML1	10/10/2010	2,6-Dinitrotoluene	760	ug/Kg	U
SEE09170839RCM1	9/17/2010	2,6-Dinitrotoluene	760	ug/Kg	UJ
SEE09081205PML1	9/8/2010	2,6-Dinitrotoluene	760	ug/Kg	U
SEE09031140MHS1	9/3/2010	2,6-Dinitrotoluene	760	ug/Kg	U
SEE10061051RCM1	10/6/2010	2,6-Dinitrotoluene	750	ug/Kg	U
SEE10041138RCM1	10/4/2010	2,6-Dinitrotoluene	750	ug/Kg	U
SEE09251135JDF1	9/25/2010	2,6-Dinitrotoluene	750	ug/Kg	U
SEE09200945PML1	9/20/2010	2,6-Dinitrotoluene	750	ug/Kg	U
SEE09200945PML1	9/20/2010	2,6-Dinitrotoluene	750	ug/Kg	U
SEE09191040PML1	9/19/2010	2,6-Dinitrotoluene	750	ug/Kg	U
SEE09181705PML1	9/18/2010	2,6-Dinitrotoluene	750	ug/Kg	U
SEE09091005RCM1	9/9/2010	2,6-Dinitrotoluene	750	ug/Kg	U
SEE09061105PML1	9/6/2010	2,6-Dinitrotoluene	750	ug/Kg	U
SEE09031650PML1	9/3/2010	2,6-Dinitrotoluene	750	ug/Kg	U



**TABLE B-2b**  
**Upstream Sediment Samples (Morrow Lake)**

Sample ID	Sample Date	Analyte	Result	Unit	Data Qualifier
SEE09031650PML1	9/3/2010	2,6-Dinitrotoluene	750	ug/Kg	U
SEE10191100JDF1	10/19/2010	2,6-Dinitrotoluene	740	ug/Kg	U
SEE10141150JDF1	10/14/2010	2,6-Dinitrotoluene	740	ug/Kg	U
SEE10101010PML1	10/10/2010	2,6-Dinitrotoluene	740	ug/Kg	U
SEE10081051RCM1	10/8/2010	2,6-Dinitrotoluene	740	ug/Kg	U
SEE09261625JDF1	9/26/2010	2,6-Dinitrotoluene	740	ug/Kg	U
SEE09261625JDF1	9/26/2010	2,6-Dinitrotoluene	740	ug/Kg	U
SEE09191530PML1	9/19/2010	2,6-Dinitrotoluene	740	ug/Kg	U
SEE09151145PML1	9/15/2010	2,6-Dinitrotoluene	740	ug/Kg	U
SEE09151145PML1	9/15/2010	2,6-Dinitrotoluene	740	ug/Kg	U
SEE09121055PML1	9/12/2010	2,6-Dinitrotoluene	740	ug/Kg	UJ
SEE09121055PML1	9/12/2010	2,6-Dinitrotoluene	740	ug/Kg	UJ
SEE09091515PML1	9/9/2010	2,6-Dinitrotoluene	740	ug/Kg	U
SEE09081010PML1	9/8/2010	2,6-Dinitrotoluene	740	ug/Kg	U
SEE08311045PML1	8/31/2010	2,6-Dinitrotoluene	740	ug/Kg	U
SEE10161530JDF1	10/16/2010	2,6-Dinitrotoluene	730	ug/Kg	U
SEE10141550JDF1	10/14/2010	2,6-Dinitrotoluene	730	ug/Kg	U
SEE10141550JDF1	10/14/2010	2,6-Dinitrotoluene	730	ug/Kg	U
SEE10121155JDF1	10/12/2010	2,6-Dinitrotoluene	730	ug/Kg	U
SEE10011120JDF1	10/1/2010	2,6-Dinitrotoluene	730	ug/Kg	U
SEE09260930RCM1	9/26/2010	2,6-Dinitrotoluene	730	ug/Kg	U
SEE09230955RCM1	9/23/2010	2,6-Dinitrotoluene	730	ug/Kg	U
SEE09151015PML1	9/15/2010	2,6-Dinitrotoluene	730	ug/Kg	U
SEE09111015PML1	9/11/2010	2,6-Dinitrotoluene	730	ug/Kg	UJ
SEE08281505PML1	8/28/2010	2,6-Dinitrotoluene	730	ug/kg	U
SEE10181210JDF1	10/18/2010	2,6-Dinitrotoluene	720	ug/Kg	U
SEE10150945JDF1	10/15/2010	2,6-Dinitrotoluene	720	ug/Kg	U
SEE10120930JDF1	10/12/2010	2,6-Dinitrotoluene	720	ug/Kg	U
SEE10081231PML1	10/8/2010	2,6-Dinitrotoluene	720	ug/Kg	U
SEE10071042RCM1	10/7/2010	2,6-Dinitrotoluene	720	ug/Kg	U
SEE10071101PML1	10/7/2010	2,6-Dinitrotoluene	720	ug/Kg	U
SEE09261215JDF1	9/26/2010	2,6-Dinitrotoluene	720	ug/Kg	U
SEE09011050PML1	9/1/2010	2,6-Dinitrotoluene	720	ug/Kg	U
SEE08271215PML1	8/27/2010	2,6-Dinitrotoluene	720	ug/kg	U
SEE10221055DWS1	10/22/2010	2,6-Dinitrotoluene	710	ug/Kg	U
SEE09221440JDF1	9/22/2010	2,6-Dinitrotoluene	710	ug/Kg	U
SEE09040950PML1	9/4/2010	2,6-Dinitrotoluene	710	ug/Kg	U
SEE10181430JWP1	10/18/2010	2,6-Dinitrotoluene	700	ug/Kg	U
SEE10161115ARM1	10/16/2010	2,6-Dinitrotoluene	700	ug/Kg	U
SEE10061640PML1	10/6/2010	2,6-Dinitrotoluene	700	ug/Kg	U
SEE10061640PML1	10/6/2010	2,6-Dinitrotoluene	700	ug/Kg	U
SEE09301205RCM1	9/30/2010	2,6-Dinitrotoluene	700	ug/Kg	U
SEE09211155JDF1	9/21/2010	2,6-Dinitrotoluene	700	ug/Kg	U
SEE09201115RCM1	9/20/2010	2,6-Dinitrotoluene	700	ug/Kg	U
SEE09171445RCM1	9/17/2010	2,6-Dinitrotoluene	700	ug/Kg	UJ
SEE09161035RCM1	9/16/2010	2,6-Dinitrotoluene	700	ug/Kg	U
SEE10191010JWP1	10/19/2010	2,6-Dinitrotoluene	690	ug/Kg	U
SEE10041150JDF1	10/4/2010	2,6-Dinitrotoluene	690	ug/Kg	U
SEE09121450PML1	9/12/2010	2,6-Dinitrotoluene	690	ug/Kg	UJ
SEE08301520JRP1	8/30/2010	2,6-Dinitrotoluene	690	ug/Kg	U
SEE08271614TWH1	8/27/2010	2,6-Dinitrotoluene	690	ug/kg	U
SEE10111125JDF1	10/11/2010	2,6-Dinitrotoluene	680	ug/Kg	U
SEE09271130JDF1	9/27/2010	2,6-Dinitrotoluene	680	ug/Kg	U
SEE09131620PML1	9/13/2010	2,6-Dinitrotoluene	680	ug/Kg	U
SEE09061130MHS1	9/6/2010	2,6-Dinitrotoluene	680	ug/Kg	U
SEE08261445JRP1	8/26/2010	2,6-Dinitrotoluene	680	ug/Kg	U
SEE10031425JDF1	10/3/2010	2,6-Dinitrotoluene	670	ug/Kg	U
SEE09291035JDF1	9/29/2010	2,6-Dinitrotoluene	670	ug/Kg	U
SEE09250905RCM1	9/25/2010	2,6-Dinitrotoluene	670	ug/Kg	U
SEE09211530JDF1	9/21/2010	2,6-Dinitrotoluene	670	ug/Kg	U

**TABLE B-2b**  
**Upstream Sediment Samples (Morrow Lake)**

Sample ID	Sample Date	Analyte	Result	Unit	Data Qualifier
SEE09131125PML1	9/13/2010	2,6-Dinitrotoluene	670	ug/Kg	U
SEE09091605PML1	9/9/2010	2,6-Dinitrotoluene	670	ug/Kg	U
SEE09041350PML1	9/4/2010	2,6-Dinitrotoluene	670	ug/Kg	U
SEE09011255PML1	9/1/2010	2,6-Dinitrotoluene	670	ug/Kg	U
SEE09170945PML1	9/17/2010	2,6-Dinitrotoluene	660	ug/Kg	UJ
SEE09091145PML1	9/9/2010	2,6-Dinitrotoluene	660	ug/Kg	U
SEE08301445JRP1	8/30/2010	2,6-Dinitrotoluene	660	ug/Kg	U
SEE08271500PML1	8/27/2010	2,6-Dinitrotoluene	660	ug/kg	U
SEE09091410PML1	9/9/2010	2,6-Dinitrotoluene	650	ug/Kg	U
SEE09171125PML1	9/17/2010	2,6-Dinitrotoluene	640	ug/Kg	UJ
SEE09051015PML1	9/5/2010	2,6-Dinitrotoluene	640	ug/Kg	U
SEE10161415JDF1	10/16/2010	2,6-Dinitrotoluene	630	ug/Kg	U
SEE10111101JDF1	10/11/2010	2,6-Dinitrotoluene	630	ug/Kg	U
SEE09130940PML1	9/13/2010	2,6-Dinitrotoluene	630	ug/Kg	U
SEE08301015JRP1	8/30/2010	2,6-Dinitrotoluene	630	ug/Kg	U
SEE10121415ARM1	10/12/2010	2,6-Dinitrotoluene	620	ug/Kg	U
SEE10071540PML1	10/7/2010	2,6-Dinitrotoluene	620	ug/Kg	U
SEE09031115JAW1	9/3/2010	2,6-Dinitrotoluene	620	ug/Kg	U
SEE08301530JAW1	8/30/2010	2,6-Dinitrotoluene	620	ug/Kg	U
SEE10161055JDF1	10/16/2010	2,6-Dinitrotoluene	610	ug/Kg	U
SEE10071205PML1	10/7/2010	2,6-Dinitrotoluene	610	ug/Kg	U
SEE09271515JDF1	9/27/2010	2,6-Dinitrotoluene	610	ug/Kg	U
SEE09211112RCM1	9/21/2010	2,6-Dinitrotoluene	610	ug/Kg	U
SEE09201645ARM1	9/20/2010	2,6-Dinitrotoluene	610	ug/Kg	U
SEE09171530PML1	9/17/2010	2,6-Dinitrotoluene	610	ug/Kg	UJ
SEE09091010PML1	9/9/2010	2,6-Dinitrotoluene	610	ug/Kg	U
SEE09091025JRP1	9/9/2010	2,6-Dinitrotoluene	610	ug/Kg	U
SEE10111350JDF1	10/11/2010	2,6-Dinitrotoluene	600	ug/Kg	U
SEE09290925JDF1	9/29/2010	2,6-Dinitrotoluene	600	ug/Kg	U
SEE09221105JDF1	9/22/2010	2,6-Dinitrotoluene	600	ug/Kg	U
SEE09221615JDF1	9/22/2010	2,6-Dinitrotoluene	600	ug/Kg	U
SEE10151055ARM1	10/15/2010	2,6-Dinitrotoluene	590	ug/Kg	U
SEE09301255MAE1	9/30/2010	2,6-Dinitrotoluene	590	ug/Kg	U
SEE09011145PML1	9/1/2010	2,6-Dinitrotoluene	590	ug/Kg	U
SEE08291110PML1	8/29/2010	2,6-Dinitrotoluene	590	ug/kg	U
SEE10041050JDF1	10/4/2010	2,6-Dinitrotoluene	580	ug/Kg	U
SEE09231130ARM1	9/23/2010	2,6-Dinitrotoluene	580	ug/Kg	U
SEE10121030JDF1	10/12/2010	2,6-Dinitrotoluene	570	ug/Kg	U
SEE10041335JDF1	10/4/2010	2,6-Dinitrotoluene	570	ug/Kg	U
SEE09271025ARM1	9/27/2010	2,6-Dinitrotoluene	570	ug/Kg	U
SEE08281215PML1	8/28/2010	2,6-Dinitrotoluene	570	ug/kg	U
SEE08281420TWH1	8/28/2010	2,6-Dinitrotoluene	570	ug/kg	U
SEE10040945JDF1	10/4/2010	2,6-Dinitrotoluene	560	ug/Kg	U
SEE09130955JRP1	9/13/2010	2,6-Dinitrotoluene	560	ug/Kg	U
SEE09291645JDF1	9/29/2010	2,6-Dinitrotoluene	550	ug/Kg	U
SEE08281510TWH1	8/28/2010	2,6-Dinitrotoluene	540	ug/kg	U
SEE09141312RCM1	9/14/2010	2,6-Dinitrotoluene	530	ug/Kg	U
SEE08291421KAP1	8/29/2010	2,6-Dinitrotoluene	510	ug/kg	U
SEE08271652TWH1	8/27/2010	2,6-Dinitrotoluene	500	ug/kg	U
SEE10151355ARM1	10/15/2010	2,6-Dinitrotoluene	480	ug/Kg	U
SEE10041355ARM1	10/4/2010	2,6-Dinitrotoluene	480	ug/Kg	U
SEE09090900JRP1	9/9/2010	2,6-Dinitrotoluene	470	ug/Kg	U
SEE08311010JRP1	8/31/2010	2,6-Dinitrotoluene	470	ug/Kg	U
SEE08311348MHS1	8/31/2010	2,6-Dinitrotoluene	470	ug/Kg	U
SEE10170915JDF1	10/17/2010	2,6-Dinitrotoluene	460	ug/Kg	U
SEE10071415ARM1	10/7/2010	2,6-Dinitrotoluene	460	ug/Kg	U
SEE09291135JDF1	9/29/2010	2,6-Dinitrotoluene	460	ug/Kg	U
SEE10071151RCM1	10/7/2010	2,6-Dinitrotoluene	430	ug/Kg	U
SEE08300920JRP1	8/30/2010	2,6-Dinitrotoluene	410	ug/Kg	U
SEE08291550KAP1	8/29/2010	2,6-Dinitrotoluene	410	ug/kg	U

**TABLE B-2b**  
**Upstream Sediment Samples (Morrow Lake)**

Sample ID	Sample Date	Analyte	Result	Unit	Data Qualifier
SEE10221450DWS1	10/22/2010	2,6-Dinitrotoluene	390	ug/Kg	U
SEE09051500MHS1	9/5/2010	2,6-Dinitrotoluene	380	ug/Kg	U
SEE10141025ARM1	10/14/2010	2,6-Dinitrotoluene	370	ug/Kg	U
SEE10211345JWP1	10/21/2010	2,6-Dinitrotoluene	330	ug/Kg	U
SEE10091200ARM1	10/9/2010	2,6-Dinitrotoluene	330	ug/Kg	UJ
SEE09130915JRP1	9/13/2010	2,6-Dinitrotoluene	330	ug/Kg	U
SEE08291354KAP1	8/29/2010	2,6-Dinitrotoluene	330	ug/kg	U
SEE09061610JAW1	9/6/2010	2,6-Dinitrotoluene	290	ug/Kg	U
SEE10051415ARM1	10/5/2010	2,6-Dinitrotoluene	280	ug/Kg	U
SEE10171535ARM1	10/17/2010	2,6-Dinitrotoluene	270	ug/Kg	U
SEE08291445PML1	8/29/2010	2,6-Dinitrotoluene	270	ug/kg	U
SEE08261700JRP1	8/26/2010	2,6-Dinitrotoluene	270	ug/Kg	U
SEE09100945RCM1	9/10/2010	2,6-Dinitrotoluene	260	ug/Kg	UJ
SEE08301410JRP1	8/30/2010	2,6-Dinitrotoluene	260	ug/Kg	U
SEE10011125ARM1	10/1/2010	2,6-Dinitrotoluene	250	ug/Kg	U
SEE09211120ARM1	9/21/2010	2,6-Dinitrotoluene	250	ug/Kg	U
SEE09201110ARM1	9/20/2010	2,6-Dinitrotoluene	250	ug/Kg	U
SEF10221050MAE3	10/22/2010	2,6-Dinitrotoluene	240	ug/Kg	U
SEF10191135NAC3	10/19/2010	2,6-Dinitrotoluene	240	ug/Kg	U
SEE10081035ARM1	10/8/2010	2,6-Dinitrotoluene	240	ug/Kg	U
SEE09171200ARM1	9/17/2010	2,6-Dinitrotoluene	240	ug/Kg	UJ
SEF10011045TDF1	10/1/2010	2,6-Dinitrotoluene	230	ug/Kg	U
SEE09290915MAE1	9/29/2010	2,6-Dinitrotoluene	230	ug/Kg	U
SEE09271500ARM1	9/27/2010	2,6-Dinitrotoluene	230	ug/Kg	U
SEE09231205RCM1	9/23/2010	2,6-Dinitrotoluene	230	ug/Kg	U
SEE09200911RCM1	9/20/2010	2,6-Dinitrotoluene	230	ug/Kg	U
SEE09140945JRP1	9/14/2010	2,6-Dinitrotoluene	230	ug/Kg	U
SEE08271445JRP1	8/27/2010	2,6-Dinitrotoluene	230	ug/kg	U
SEF10081108TDF3	10/8/2010	2,6-Dinitrotoluene	220	ug/Kg	U
SEE10071045ARM1	10/7/2010	2,6-Dinitrotoluene	220	ug/Kg	U
SEE10041045ARM1	10/4/2010	2,6-Dinitrotoluene	220	ug/Kg	U
SEE10011043RCM1	10/1/2010	2,6-Dinitrotoluene	220	ug/Kg	U
SEE09281445RCM1	9/28/2010	2,6-Dinitrotoluene	220	ug/Kg	U
SEE09251235ARM1	9/25/2010	2,6-Dinitrotoluene	220	ug/Kg	U
SEE09231035ARM1	9/23/2010	2,6-Dinitrotoluene	220	ug/Kg	U
SEE09170935RCM1	9/17/2010	2,6-Dinitrotoluene	220	ug/Kg	UJ
SEE09150915JRP1	9/15/2010	2,6-Dinitrotoluene	220	ug/Kg	U
SEE09070930JRP1	9/7/2010	2,6-Dinitrotoluene	220	ug/Kg	U
SEB09011143JLS1	9/1/2010	2,6-Dinitrotoluene	220	ug/Kg	U
SEE08301100JRP1	8/30/2010	2,6-Dinitrotoluene	220	ug/Kg	U
SEE08271536TWH1	8/27/2010	2,6-Dinitrotoluene	220	ug/kg	U
SEE10191115JWP1	10/19/2010	2,6-Dinitrotoluene	210	ug/Kg	U
SEF10151030PMB3	10/15/2010	2,6-Dinitrotoluene	210	ug/Kg	U
SEF10121130PMB3	10/12/2010	2,6-Dinitrotoluene	210	ug/Kg	U
SEE10061135ARM1	10/6/2010	2,6-Dinitrotoluene	210	ug/Kg	U
SEF10051206TDF3	10/5/2010	2,6-Dinitrotoluene	210	ug/Kg	U
SEE09100920JRP1	9/10/2010	2,6-Dinitrotoluene	210	ug/Kg	UJ
SEE09051500JAW1	9/5/2010	2,6-Dinitrotoluene	210	ug/Kg	U
SEB08281400JLS1	8/28/2010	2,6-Dinitrotoluene	210	ug/kg	U
SEE08281540JRP1	8/28/2010	2,6-Dinitrotoluene	210	ug/kg	U
SEE10131035ARM1	10/13/2010	2,6-Dinitrotoluene	200	ug/Kg	U
SEE10121040ARM1	10/12/2010	2,6-Dinitrotoluene	200	ug/Kg	U
SEE10051145RCM1	10/5/2010	2,6-Dinitrotoluene	200	ug/Kg	U
SEE09301025MAE1	9/30/2010	2,6-Dinitrotoluene	200	ug/Kg	U
SEF09281139TDF1	9/28/2010	2,6-Dinitrotoluene	200	ug/Kg	U
SEE09221045ARM1	9/22/2010	2,6-Dinitrotoluene	200	ug/Kg	U
SEE09080930JRP1	9/8/2010	2,6-Dinitrotoluene	200	ug/Kg	U
SEE09011515JAW1	9/1/2010	2,6-Dinitrotoluene	200	ug/Kg	U
SEE10181030JWP1	10/18/2010	2,6-Dinitrotoluene	190	ug/Kg	U
ML-07-S-081810	8/18/2010	2,6-Dinitrotoluene	0.37	mg/Kg	UJ

**TABLE B-2b**  
**Upstream Sediment Samples (Morrow Lake)**

Sample ID	Sample Date	Analyte	Result	Unit	Data Qualifier
ML-06-S-082310	8/23/2010	2,6-Dinitrotoluene	0.33	mg/Kg	U
ML-04-S-081710	8/17/2010	2,6-Dinitrotoluene	0.32	mg/Kg	U
ML-04-S-082610	8/26/2010	2,6-Dinitrotoluene	0.31	mg/Kg	U
ML-03-S-082310	8/23/2010	2,6-Dinitrotoluene	0.31	mg/Kg	U
ML-10-S-081910	8/19/2010	2,6-Dinitrotoluene	0.31	mg/Kg	U
ML-10-S-081910	8/19/2010	2,6-Dinitrotoluene	0.31	mg/Kg	U
ML-09-S-081810	8/18/2010	2,6-Dinitrotoluene	0.31	mg/Kg	UJ
ML-06-S-081710	8/17/2010	2,6-Dinitrotoluene	0.31	mg/Kg	U
ML-10-S-082610	8/26/2010	2,6-Dinitrotoluene	0.30	mg/Kg	U
ML-10-S-082610	8/26/2010	2,6-Dinitrotoluene	0.30	mg/Kg	U
ML-05-S-082310	8/23/2010	2,6-Dinitrotoluene	0.28	mg/Kg	U
ML-01-S-081910	8/19/2010	2,6-Dinitrotoluene	0.27	mg/Kg	U
ML-05-S-081710	8/17/2010	2,6-Dinitrotoluene	0.26	mg/Kg	U
ML-02-S-082310	8/23/2010	2,6-Dinitrotoluene	0.25	mg/Kg	U
ML-02-S-081710	8/17/2010	2,6-Dinitrotoluene	0.24	mg/Kg	U
ML-06-S-082510	8/25/2010	2,6-Dinitrotoluene	0.18	mg/Kg	U
ML-07-S-082410	8/24/2010	2,6-Dinitrotoluene	0.18	mg/Kg	UJ
ML-07-S-082110	8/21/2010	2,6-Dinitrotoluene	0.18	mg/Kg	U
ML-05-S-082610	8/26/2010	2,6-Dinitrotoluene	0.17	mg/Kg	U
ML-07-S-082510	8/25/2010	2,6-Dinitrotoluene	0.17	mg/Kg	U
ML-08-S-082110	8/21/2010	2,6-Dinitrotoluene	0.17	mg/Kg	U
ML-07-S-081610	8/16/2010	2,6-Dinitrotoluene	0.17	mg/Kg	UJ
ML-08-S-081610	8/16/2010	2,6-Dinitrotoluene	0.17	mg/Kg	UJ
ML-08-S-082510	8/25/2010	2,6-Dinitrotoluene	0.16	mg/Kg	U
ML-08-S-082410	8/24/2010	2,6-Dinitrotoluene	0.16	mg/Kg	UJ
ML-06-S-082010	8/20/2010	2,6-Dinitrotoluene	0.16	mg/Kg	U
ML-01-S-081610	8/16/2010	2,6-Dinitrotoluene	0.16	mg/Kg	UJ
ML-01-S-082510	8/25/2010	2,6-Dinitrotoluene	0.15	mg/Kg	U
ML-09-S-082510	8/25/2010	2,6-Dinitrotoluene	0.15	mg/Kg	U
ML-04-S-082410	8/24/2010	2,6-Dinitrotoluene	0.15	mg/Kg	UJ
ML-10-S-082410	8/24/2010	2,6-Dinitrotoluene	0.15	mg/Kg	UJ
ML-10-S-082410	8/24/2010	2,6-Dinitrotoluene	0.15	mg/Kg	UJ
ML-09-S-082110	8/21/2010	2,6-Dinitrotoluene	0.15	mg/Kg	U
ML-10-S-082110	8/21/2010	2,6-Dinitrotoluene	0.15	mg/Kg	U
ML-10-S-082110	8/21/2010	2,6-Dinitrotoluene	0.15	mg/Kg	U
ML-05-S-082010	8/20/2010	2,6-Dinitrotoluene	0.15	mg/Kg	U
ML-10-S-081610	8/16/2010	2,6-Dinitrotoluene	0.15	mg/Kg	UJ
ML-10-S-081610	8/16/2010	2,6-Dinitrotoluene	0.15	mg/Kg	UJ
ML-02-S-082510	8/25/2010	2,6-Dinitrotoluene	0.14	mg/Kg	U
ML-09-S-082410	8/24/2010	2,6-Dinitrotoluene	0.14	mg/Kg	UJ
ML-01-S-082110	8/21/2010	2,6-Dinitrotoluene	0.14	mg/Kg	U
ML-03-S-082510	8/25/2010	2,6-Dinitrotoluene	0.13	mg/Kg	U
ML-02-S-082010	8/20/2010	2,6-Dinitrotoluene	0.13	mg/Kg	U
ML-03-S-082010	8/20/2010	2,6-Dinitrotoluene	0.13	mg/Kg	U
ML-04-S-082010	8/20/2010	2,6-Dinitrotoluene	0.13	mg/Kg	U
ML-03-S-081610	8/16/2010	2,6-Dinitrotoluene	0.12	mg/Kg	UJ
SEE10141015JDF1	10/14/2010	2-Butanone	690	ug/Kg	U
SEE10181430JWP1	10/18/2010	2-Butanone	220	ug/Kg	
SEE08301015JRP1	8/30/2010	2-Butanone	170	ug/Kg	
SEE08281607TWH1	8/28/2010	2-Butanone	170	ug/kg	U
SEE10161115ARM1	10/16/2010	2-Butanone	160	ug/Kg	
SEE10151055ARM1	10/15/2010	2-Butanone	150	ug/Kg	
SEE10141555ARM1	10/14/2010	2-Butanone	150	ug/Kg	
SEE10121415ARM1	10/12/2010	2-Butanone	150	ug/Kg	
SEE08281505PML1	8/28/2010	2-Butanone	150	ug/kg	U
SEE08271215PML1	8/27/2010	2-Butanone	140	ug/kg	U
SEE08281630RCM1	8/28/2010	2-Butanone	130	ug/kg	U
SEE08291110PML1	8/29/2010	2-Butanone	110	ug/kg	U
SEE10181510JDF1	10/18/2010	2-Butanone	94	ug/Kg	
SEE10181510JDF1	10/18/2010	2-Butanone	94	ug/Kg	

**TABLE B-2b**  
**Upstream Sediment Samples (Morrow Lake)**

Sample ID	Sample Date	Analyte	Result	Unit	Data Qualifier
SEE08291421KAP1	8/29/2010	2-Butanone	91	ug/kg	B
SEE08271500PML1	8/27/2010	2-Butanone	91	ug/kg	U
SEE09301205RCM1	9/30/2010	2-Butanone	90	ug/Kg	
SEE08281215PML1	8/28/2010	2-Butanone	87	ug/kg	U
SEE10151355ARM1	10/15/2010	2-Butanone	85	ug/Kg	
SEE09201115RCM1	9/20/2010	2-Butanone	85	ug/Kg	
SEE08281420TWH1	8/28/2010	2-Butanone	85	ug/kg	U
SEE10181035JDF1	10/18/2010	2-Butanone	84	ug/Kg	
SEE08271145RCM1	8/27/2010	2-Butanone	80	ug/kg	U
SEE10041138RCM1	10/4/2010	2-Butanone	72	ug/Kg	
SEE10041530JDF1	10/4/2010	2-Butanone	71	ug/Kg	
SEE10081115PML1	10/8/2010	2-Butanone	69	ug/Kg	
SEE08281510TWH1	8/28/2010	2-Butanone	68	ug/kg	U
SEE09131620PML1	9/13/2010	2-Butanone	67	ug/Kg	*
SEE10171410JDF1	10/17/2010	2-Butanone	66	ug/Kg	
SEE09021010PML1	9/2/2010	2-Butanone	64	ug/Kg	
SEE08291550KAP1	8/29/2010	2-Butanone	61	ug/kg	U
SEE10071042RCM1	10/7/2010	2-Butanone	60	ug/Kg	
SEE09200945PML1	9/20/2010	2-Butanone	60	ug/Kg	U
SEE09200945PML1	9/20/2010	2-Butanone	60	ug/Kg	U
SEE09051130PML1	9/5/2010	2-Butanone	57	ug/Kg	*
SEE08301520JRP1	8/30/2010	2-Butanone	54	ug/Kg	
SEE08301445JRP1	8/30/2010	2-Butanone	53	ug/Kg	
SEE10061051RCM1	10/6/2010	2-Butanone	52	ug/Kg	
SEE10091200ARM1	10/9/2010	2-Butanone	51	ug/Kg	
SEE09251135JDF1	9/25/2010	2-Butanone	51	ug/Kg	
SEE10171115JDF1	10/17/2010	2-Butanone	50	ug/Kg	
SEE10121155JDF1	10/12/2010	2-Butanone	49	ug/Kg	
SEE10091401PML1	10/9/2010	2-Butanone	49	ug/Kg	
SEE09141515PML1	9/14/2010	2-Butanone	49	ug/Kg	J
SEE10031425JDF1	10/3/2010	2-Butanone	48	ug/Kg	
SEE09230955RCM1	9/23/2010	2-Butanone	48	ug/Kg	
SEE09201645ARM1	9/20/2010	2-Butanone	48	ug/Kg	U
SEE10131150JDF1	10/13/2010	2-Butanone	46	ug/Kg	
SEE09061500PML1	9/6/2010	2-Butanone	45	ug/Kg	U
SEE10141025ARM1	10/14/2010	2-Butanone	44	ug/Kg	
SEE08300920JRP1	8/30/2010	2-Butanone	44	ug/Kg	
SEE08271652TWH1	8/27/2010	2-Butanone	44	ug/kg	B
SEE09301105JDF1	9/30/2010	2-Butanone	42	ug/Kg	U
SEE09301255JDF1	9/30/2010	2-Butanone	42	ug/Kg	
SEE09181705PML1	9/18/2010	2-Butanone	42	ug/Kg	U
SEE08291445PML1	8/29/2010	2-Butanone	42	ug/kg	U
SEE09291645JDF1	9/29/2010	2-Butanone	41	ug/Kg	
SEE09220935RCM1	9/22/2010	2-Butanone	41	ug/Kg	
SEE09021400PML1	9/2/2010	2-Butanone	41	ug/Kg	U
SEE08301130PML1	8/30/2010	2-Butanone	41	ug/Kg	U
SEE10051125PML1	10/5/2010	2-Butanone	39	ug/Kg	U
SEE09260930RCM1	9/26/2010	2-Butanone	39	ug/Kg	
SEE08311045PML1	8/31/2010	2-Butanone	39	ug/Kg	U
SEE09101215PML1	9/10/2010	2-Butanone	38	ug/Kg	U
SEE10161530JDF1	10/16/2010	2-Butanone	37	ug/Kg	U
SEE10031115JDF1	10/3/2010	2-Butanone	37	ug/Kg	
SEE10031115JDF1	10/3/2010	2-Butanone	37	ug/Kg	
SEE09030925PML1	9/3/2010	2-Butanone	37	ug/Kg	U
SEE09031115JAW1	9/3/2010	2-Butanone	37	ug/Kg	U
SEE08291354KAP1	8/29/2010	2-Butanone	37	ug/kg	U
SEE09191530PML1	9/19/2010	2-Butanone	36	ug/Kg	U
SEE09181235PML1	9/18/2010	2-Butanone	36	ug/Kg	U
SEE09141135PML1	9/14/2010	2-Butanone	36	ug/Kg	UU
SEE09101022PML1	9/10/2010	2-Butanone	36	ug/Kg	U

**TABLE B-2b**  
**Upstream Sediment Samples (Morrow Lake)**

Sample ID	Sample Date	Analyte	Result	Unit	Data Qualifier
SEE08271536TWH1	8/27/2010	2-Butanone	36	ug/kg	B
SEE10041355ARM1	10/4/2010	2-Butanone	35	ug/Kg	
SEE08311420PML1	8/31/2010	2-Butanone	35	ug/Kg	U
SEE08311420PML1	8/31/2010	2-Butanone	35	ug/Kg	U
SEE08261420RCM1	8/26/2010	2-Butanone	35	ug/kg	J
SEE10181210JDF1	10/18/2010	2-Butanone	34	ug/Kg	
SEE10141550JDF1	10/14/2010	2-Butanone	34	ug/Kg	
SEE10141550JDF1	10/14/2010	2-Butanone	34	ug/Kg	
SEE10051653PML1	10/5/2010	2-Butanone	34	ug/Kg	
SEE09121105RCM1	9/12/2010	2-Butanone	34	ug/Kg	U
SEE09011545PML1	9/1/2010	2-Butanone	34	ug/Kg	U
SEE08301550PML1	8/30/2010	2-Butanone	34	ug/Kg	U
SEE10101010PML1	10/10/2010	2-Butanone	33	ug/Kg	U
SEE10071151RCM1	10/7/2010	2-Butanone	33	ug/Kg	
SEE09140945PML1	9/14/2010	2-Butanone	33	ug/Kg	UJ
SEE09061525MHS1	9/6/2010	2-Butanone	33	ug/Kg	U
SEE09031100PML1	9/3/2010	2-Butanone	33	ug/Kg	U
SEE10171535ARM1	10/17/2010	2-Butanone	32	ug/Kg	
SEE09231645JDF1	9/23/2010	2-Butanone	32	ug/Kg	U
SEE09101625PML1	9/10/2010	2-Butanone	32	ug/Kg	U
SEE09091005RCM1	9/9/2010	2-Butanone	32	ug/Kg	U
SEE09061105PML1	9/6/2010	2-Butanone	32	ug/Kg	U
SEE09031650PML1	9/3/2010	2-Butanone	32	ug/Kg	U
SEE09031650PML1	9/3/2010	2-Butanone	32	ug/Kg	U
SEE09231210JDF1	9/23/2010	2-Butanone	31	ug/Kg	U
SEE09211112RCM1	9/21/2010	2-Butanone	31	ug/Kg	
SEE09161045PML1	9/16/2010	2-Butanone	31	ug/Kg	U
SEE09081205PML1	9/8/2010	2-Butanone	31	ug/Kg	U
SEE09071050PML1	9/7/2010	2-Butanone	31	ug/Kg	UJ
SEE08301145MHS1	8/30/2010	2-Butanone	31	ug/Kg	U
SEE08271614TWH1	8/27/2010	2-Butanone	31	ug/kg	B
SEE10120930JDF1	10/12/2010	2-Butanone	30	ug/Kg	U
SEE10101215PML1	10/10/2010	2-Butanone	30	ug/Kg	J
SEE10101215PML1	10/10/2010	2-Butanone	30	ug/Kg	J
SEE10091614PML1	10/9/2010	2-Butanone	30	ug/Kg	
SEE10071101PML1	10/7/2010	2-Butanone	30	ug/Kg	U
SEE09261625JDF1	9/26/2010	2-Butanone	30	ug/Kg	U
SEE09261625JDF1	9/26/2010	2-Butanone	30	ug/Kg	U
SEE09121055PML1	9/12/2010	2-Butanone	30	ug/Kg	U
SEE09121055PML1	9/12/2010	2-Butanone	30	ug/Kg	U
SEE09121436RCM1	9/12/2010	2-Butanone	30	ug/Kg	U
SEE09011050PML1	9/1/2010	2-Butanone	30	ug/Kg	U
SEE10061640PML1	10/6/2010	2-Butanone	29	ug/Kg	
SEE10061640PML1	10/6/2010	2-Butanone	29	ug/Kg	
SEE09261215JDF1	9/26/2010	2-Butanone	29	ug/Kg	U
SEE09231130ARM1	9/23/2010	2-Butanone	29	ug/Kg	U
SEE09191040PML1	9/19/2010	2-Butanone	29	ug/Kg	U
SEE09131026RCM1	9/13/2010	2-Butanone	29	ug/Kg	U
SEE09131505PML1	9/13/2010	2-Butanone	29	ug/Kg	U
SEE09040950PML1	9/4/2010	2-Butanone	29	ug/Kg	U
SEE09211155JDF1	9/21/2010	2-Butanone	28	ug/Kg	U
SEE09191445RCM1	9/19/2010	2-Butanone	28	ug/Kg	
SEE09171415PML1	9/17/2010	2-Butanone	28	ug/Kg	U
SEE09151145PML1	9/15/2010	2-Butanone	28	ug/Kg	U
SEE09151145PML1	9/15/2010	2-Butanone	28	ug/Kg	U
SEE09121450PML1	9/12/2010	2-Butanone	28	ug/Kg	U
SEE09091515PML1	9/9/2010	2-Butanone	28	ug/Kg	U
SEE09081010PML1	9/8/2010	2-Butanone	28	ug/Kg	U
SEE09081020RCM1	9/8/2010	2-Butanone	28	ug/Kg	U
SEE09011255PML1	9/1/2010	2-Butanone	28	ug/Kg	U

**TABLE B-2b**  
**Upstream Sediment Samples (Morrow Lake)**

Sample ID	Sample Date	Analyte	Result	Unit	Data Qualifier
SEE10161055JDF1	10/16/2010	2-Butanone	27	ug/Kg	
SEE10081051RCM1	10/8/2010	2-Butanone	27	ug/Kg	J
SEE10061205PML1	10/6/2010	2-Butanone	27	ug/Kg	U
SEE10041150JDF1	10/4/2010	2-Butanone	27	ug/Kg	U
SEE09221440JDF1	9/22/2010	2-Butanone	27	ug/Kg	U
SEE09170839RCM1	9/17/2010	2-Butanone	27	ug/Kg	U
SEE09151015PML1	9/15/2010	2-Butanone	27	ug/Kg	U
SEE09271130JDF1	9/27/2010	2-Butanone	26	ug/Kg	U
SEE09131125PML1	9/13/2010	2-Butanone	26	ug/Kg	U
SEE09091010PML1	9/9/2010	2-Butanone	26	ug/Kg	U
SEE09091145PML1	9/9/2010	2-Butanone	26	ug/Kg	U
SEE09091410PML1	9/9/2010	2-Butanone	26	ug/Kg	U
SEE09011145PML1	9/1/2010	2-Butanone	26	ug/Kg	U
SEE08301638MHS1	8/30/2010	2-Butanone	26	ug/Kg	U
SEE10111125JDF1	10/11/2010	2-Butanone	25	ug/Kg	U
SEE10071415ARM1	10/7/2010	2-Butanone	25	ug/Kg	
SEE09291035JDF1	9/29/2010	2-Butanone	25	ug/Kg	U
SEE09111015PML1	9/11/2010	2-Butanone	25	ug/Kg	U
SEE09051015PML1	9/5/2010	2-Butanone	25	ug/Kg	U
SEE08261620RCM1	8/26/2010	2-Butanone	25	ug/kg	J
SEE10161415JDF1	10/16/2010	2-Butanone	24	ug/Kg	U
SEE10111011JDF1	10/11/2010	2-Butanone	24	ug/Kg	
SEE10040945JDF1	10/4/2010	2-Butanone	24	ug/Kg	U
SEE09211530JDF1	9/21/2010	2-Butanone	24	ug/Kg	U
SEE09170945PML1	9/17/2010	2-Butanone	24	ug/Kg	U
SEE09171125PML1	9/17/2010	2-Butanone	24	ug/Kg	U
SEE09130955JRP1	9/13/2010	2-Butanone	24	ug/Kg	U
SEE09091605PML1	9/9/2010	2-Butanone	24	ug/Kg	U
SEE09041350PML1	9/4/2010	2-Butanone	24	ug/Kg	U
SEE10071205PML1	10/7/2010	2-Butanone	23	ug/Kg	U
SEE10071540PML1	10/7/2010	2-Butanone	23	ug/Kg	U
SEE10041335JDF1	10/4/2010	2-Butanone	23	ug/Kg	U
SEE10011120JDF1	10/1/2010	2-Butanone	23	ug/Kg	J
SEE09271025ARM1	9/27/2010	2-Butanone	23	ug/Kg	U
SEE09171530PML1	9/17/2010	2-Butanone	23	ug/Kg	U
SEE09051430PML1	9/5/2010	2-Butanone	23	ug/Kg	U
SEE10150945JDF1	10/15/2010	2-Butanone	22	ug/Kg	U
SEE10141150JDF1	10/14/2010	2-Butanone	22	ug/Kg	J
SEE10111350JDF1	10/11/2010	2-Butanone	22	ug/Kg	U
SEE09271515JDF1	9/27/2010	2-Butanone	22	ug/Kg	U
SEE09221105JDF1	9/22/2010	2-Butanone	22	ug/Kg	U
SEE09130940PML1	9/13/2010	2-Butanone	22	ug/Kg	U
SEE09061130MHS1	9/6/2010	2-Butanone	22	ug/Kg	J
SEE08281540JRP1	8/28/2010	2-Butanone	22	ug/kg	U
SEE10121030JDF1	10/12/2010	2-Butanone	21	ug/Kg	U
SEE09290925JDF1	9/29/2010	2-Butanone	21	ug/Kg	U
SEE09291023RCM1	9/29/2010	2-Butanone	21	ug/Kg	
SEE09250905RCM1	9/25/2010	2-Butanone	21	ug/Kg	
SEE09091025JRP1	9/9/2010	2-Butanone	21	ug/Kg	U
SEE09011635PML1	9/1/2010	2-Butanone	21	ug/Kg	U
SEE08261445JRP1	8/26/2010	2-Butanone	21	ug/Kg	U
SEE09031140MHS1	9/3/2010	2-Butanone	20	ug/Kg	U
SEB08281400JLS1	8/28/2010	2-Butanone	20	ug/kg	U
SEE10051415ARM1	10/5/2010	2-Butanone	19	ug/Kg	
SEE10041050JDF1	10/4/2010	2-Butanone	19	ug/Kg	U
SEE09301255MAE1	9/30/2010	2-Butanone	19	ug/Kg	U
SEE09281445RCM1	9/28/2010	2-Butanone	19	ug/Kg	
SEE09051550MHS1	9/5/2010	2-Butanone	19	ug/Kg	U
SEE09031645MHS1	9/3/2010	2-Butanone	19	ug/Kg	U
SEE09221615JDF1	9/22/2010	2-Butanone	18	ug/Kg	U

**TABLE B-2b**  
**Upstream Sediment Samples (Morrow Lake)**

Sample ID	Sample Date	Analyte	Result	Unit	Data Qualifier
SEE08311010JRP1	8/31/2010	2-Butanone	18	ug/Kg	U
SEE10170915JDF1	10/17/2010	2-Butanone	17	ug/Kg	
SEE09200911RCM1	9/20/2010	2-Butanone	17	ug/Kg	U
SEE09090900JRP1	9/9/2010	2-Butanone	17	ug/Kg	U
SEE09091410RCM1	9/9/2010	2-Butanone	17	ug/Kg	J
SEE09011545MHS1	9/1/2010	2-Butanone	17	ug/Kg	U
SEE10081231PML1	10/8/2010	2-Butanone	16	ug/Kg	J
SEE09291135JDF1	9/29/2010	2-Butanone	16	ug/Kg	U
ML-02-S-081710	8/17/2010	2-Butanone	16	mg/Kg	U
ML-06-S-081710	8/17/2010	2-Butanone	16	mg/Kg	U
SEE09201110ARM1	9/20/2010	2-Butanone	15	ug/Kg	
SEE09171200ARM1	9/17/2010	2-Butanone	15	ug/Kg	
SEE09131445RCM1	9/13/2010	2-Butanone	15	ug/Kg	J
SEE08301530JAW1	8/30/2010	2-Butanone	15	ug/Kg	U
SEE10081035ARM1	10/8/2010	2-Butanone	14	ug/Kg	
SEE09171445RCM1	9/17/2010	2-Butanone	14	ug/Kg	
SEE08311348MHS1	8/31/2010	2-Butanone	14	ug/Kg	U
ML-04-S-081710	8/17/2010	2-Butanone	14	mg/Kg	U
ML-05-S-081710	8/17/2010	2-Butanone	13	mg/Kg	U
SEF10151030PMB3	10/15/2010	2-Butanone	12	ug/Kg	
SEE09130915JRP1	9/13/2010	2-Butanone	12	ug/Kg	U
SEE10011125ARM1	10/1/2010	2-Butanone	11	ug/Kg	
SEE09161035RCM1	9/16/2010	2-Butanone	11	ug/Kg	U
SEE08271445JRP1	8/27/2010	2-Butanone	11	ug/kg	U
SEE10181030JWP1	10/18/2010	2-Butanone	10	ug/Kg	
SEE09141312RCM1	9/14/2010	2-Butanone	10	ug/Kg	UJ
SEE09061610JAW1	9/6/2010	2-Butanone	8.5	ug/Kg	U
SEE08261700JRP1	8/26/2010	2-Butanone	8.2	ug/Kg	U
SEE09051500MHS1	9/5/2010	2-Butanone	8.0	ug/Kg	U
SEE09231035ARM1	9/23/2010	2-Butanone	7.9	ug/Kg	U
SEE09100945RCM1	9/10/2010	2-Butanone	7.5	ug/Kg	U
SEF10121130PMB3	10/12/2010	2-Butanone	7.4	ug/Kg	
SEE10011043RCM1	10/1/2010	2-Butanone	7.4	ug/Kg	
SEE09211120ARM1	9/21/2010	2-Butanone	7.4	ug/Kg	U
SEE08301100JRP1	8/30/2010	2-Butanone	7.3	ug/Kg	
SEB09011143JLS1	9/1/2010	2-Butanone	7.1	ug/Kg	U
SEE08301410JRP1	8/30/2010	2-Butanone	7.0	ug/Kg	U
SEE09271500ARM1	9/27/2010	2-Butanone	6.2	ug/Kg	U
SEE09170935RCM1	9/17/2010	2-Butanone	6.1	ug/Kg	U
SEF10011045TDF1	10/1/2010	2-Butanone	6.0	ug/Kg	U
SEE09150915JRP1	9/15/2010	2-Butanone	6.0	ug/Kg	U
SEE09290915MAE1	9/29/2010	2-Butanone	5.8	ug/Kg	U
SEE10121040ARM1	10/12/2010	2-Butanone	5.7	ug/Kg	
SEE10131035ARM1	10/13/2010	2-Butanone	5.5	ug/Kg	U
SEE10071045ARM1	10/7/2010	2-Butanone	5.5	ug/Kg	U
SEE10041045ARM1	10/4/2010	2-Butanone	5.5	ug/Kg	U
SEF10081108TDF3	10/8/2010	2-Butanone	5.4	ug/Kg	U
SEE09251235ARM1	9/25/2010	2-Butanone	5.4	ug/Kg	U
SEE09140945JRP1	9/14/2010	2-Butanone	5.3	ug/Kg	UJ
SEE09080930JRP1	9/8/2010	2-Butanone	5.3	ug/Kg	U
SEE09011515JAW1	9/1/2010	2-Butanone	5.3	ug/Kg	U
SEE09221045ARM1	9/22/2010	2-Butanone	5.2	ug/Kg	U
SEE09100920JRP1	9/10/2010	2-Butanone	5.1	ug/Kg	U
SEE09301025MAE1	9/30/2010	2-Butanone	5.0	ug/Kg	U
SEE09051500JAW1	9/5/2010	2-Butanone	5.0	ug/Kg	U
SEE09070930JRP1	9/7/2010	2-Butanone	4.9	ug/Kg	UJ
SEF10051206TDF3	10/5/2010	2-Butanone	4.8	ug/Kg	J
SEF09281139TDF1	9/28/2010	2-Butanone	4.3	ug/Kg	U
SEE09231205RCM1	9/23/2010	2-Butanone	3.9	ug/Kg	
SEE10051145RCM1	10/5/2010	2-Butanone	2.5	ug/Kg	J



**TABLE B-2b**  
**Upstream Sediment Samples (Morrow Lake)**

Sample ID	Sample Date	Analyte	Result	Unit	Data Qualifier
SEE10061135ARM1	10/6/2010	2-Butanone	2.4	ug/Kg	J
SEE09051430PML1	9/5/2010	2-Chloronaphthalene	3000	ug/Kg	U
SEE09011635PML1	9/1/2010	2-Chloronaphthalene	3000	ug/Kg	U
SEE08271145RCM1	8/27/2010	2-Chloronaphthalene	1600	ug/kg	U
SEE08261620RCM1	8/26/2010	2-Chloronaphthalene	1400	ug/kg	U
SEE08261420RCM1	8/26/2010	2-Chloronaphthalene	1200	ug/kg	U
SEE10051125PML1	10/5/2010	2-Chloronaphthalene	930	ug/Kg	U
SEE09061500PML1	9/6/2010	2-Chloronaphthalene	920	ug/Kg	U
SEE09021400PML1	9/2/2010	2-Chloronaphthalene	920	ug/Kg	U
SEE09301105JDF1	9/30/2010	2-Chloronaphthalene	910	ug/Kg	U
SEE08301130PML1	8/30/2010	2-Chloronaphthalene	910	ug/Kg	U
SEE10171410JDF1	10/17/2010	2-Chloronaphthalene	880	ug/Kg	U
SEE09181235PML1	9/18/2010	2-Chloronaphthalene	880	ug/Kg	U
SEE09101022PML1	9/10/2010	2-Chloronaphthalene	880	ug/Kg	UJ
SEE09011545PML1	9/1/2010	2-Chloronaphthalene	870	ug/Kg	U
SEE09231645JDF1	9/23/2010	2-Chloronaphthalene	860	ug/Kg	U
SEE09141135PML1	9/14/2010	2-Chloronaphthalene	860	ug/Kg	U
SEE09091410RCM1	9/9/2010	2-Chloronaphthalene	860	ug/Kg	U
SEE10081115PML1	10/8/2010	2-Chloronaphthalene	850	ug/Kg	U
SEE09121105RCM1	9/12/2010	2-Chloronaphthalene	850	ug/Kg	UJ
SEE09101215PML1	9/10/2010	2-Chloronaphthalene	850	ug/Kg	UJ
SEE09081020RCM1	9/8/2010	2-Chloronaphthalene	850	ug/Kg	U
SEE09031645MHS1	9/3/2010	2-Chloronaphthalene	850	ug/Kg	U
SEE09011545MHS1	9/1/2010	2-Chloronaphthalene	850	ug/Kg	U
SEE08311420PML1	8/31/2010	2-Chloronaphthalene	850	ug/Kg	U
SEE08311420PML1	8/31/2010	2-Chloronaphthalene	850	ug/Kg	U
SEE10131150JDF1	10/13/2010	2-Chloronaphthalene	840	ug/Kg	U
SEE09301255JDF1	9/30/2010	2-Chloronaphthalene	840	ug/Kg	U
SEE09030925PML1	9/3/2010	2-Chloronaphthalene	830	ug/Kg	U
SEE08281607TWH1	8/28/2010	2-Chloronaphthalene	830	ug/kg	U
SEE08281630RCM1	8/28/2010	2-Chloronaphthalene	830	ug/kg	U
SEE10091401PML1	10/9/2010	2-Chloronaphthalene	820	ug/Kg	UJ
SEE09051550MHS1	9/5/2010	2-Chloronaphthalene	820	ug/Kg	U
SEE09291023RCM1	9/29/2010	2-Chloronaphthalene	810	ug/Kg	U
SEE09121436RCM1	9/12/2010	2-Chloronaphthalene	810	ug/Kg	UJ
SEE09021010PML1	9/2/2010	2-Chloronaphthalene	810	ug/Kg	U
SEE10041530JDF1	10/4/2010	2-Chloronaphthalene	800	ug/Kg	U
SEE09101625PML1	9/10/2010	2-Chloronaphthalene	800	ug/Kg	UJ
SEE09061525MHS1	9/6/2010	2-Chloronaphthalene	800	ug/Kg	U
SEE09031100PML1	9/3/2010	2-Chloronaphthalene	800	ug/Kg	U
SEE08301638MHS1	8/30/2010	2-Chloronaphthalene	800	ug/Kg	U
SEE10181035JDF1	10/18/2010	2-Chloronaphthalene	790	ug/Kg	U
SEE10091614PML1	10/9/2010	2-Chloronaphthalene	790	ug/Kg	UJ
SEE10051653PML1	10/5/2010	2-Chloronaphthalene	790	ug/Kg	U
SEE09231210JDF1	9/23/2010	2-Chloronaphthalene	790	ug/Kg	U
SEE09141515PML1	9/14/2010	2-Chloronaphthalene	790	ug/Kg	U
SEE09131026RCM1	9/13/2010	2-Chloronaphthalene	790	ug/Kg	U
SEE09051130PML1	9/5/2010	2-Chloronaphthalene	790	ug/Kg	U
SEE08301550PML1	8/30/2010	2-Chloronaphthalene	790	ug/Kg	U
SEE10171115JDF1	10/17/2010	2-Chloronaphthalene	780	ug/Kg	U
SEE10141015JDF1	10/14/2010	2-Chloronaphthalene	780	ug/Kg	U
SEE09220935RCM1	9/22/2010	2-Chloronaphthalene	780	ug/Kg	U
SEE09191445RCM1	9/19/2010	2-Chloronaphthalene	780	ug/Kg	U
SEE09161045PML1	9/16/2010	2-Chloronaphthalene	780	ug/Kg	U
SEE09071050PML1	9/7/2010	2-Chloronaphthalene	780	ug/Kg	U
SEE10181510JDF1	10/18/2010	2-Chloronaphthalene	770	ug/Kg	U
SEE10181510JDF1	10/18/2010	2-Chloronaphthalene	770	ug/Kg	U
SEE10061205PML1	10/6/2010	2-Chloronaphthalene	770	ug/Kg	U
SEE10031115JDF1	10/3/2010	2-Chloronaphthalene	770	ug/Kg	U
SEE10031115JDF1	10/3/2010	2-Chloronaphthalene	770	ug/Kg	U

**TABLE B-2b**  
**Upstream Sediment Samples (Morrow Lake)**

Sample ID	Sample Date	Analyte	Result	Unit	Data Qualifier
SEE09171415PML1	9/17/2010	2-Chloronaphthalene	770	ug/Kg	U
SEE09140945PML1	9/14/2010	2-Chloronaphthalene	770	ug/Kg	U
SEE09131445RCM1	9/13/2010	2-Chloronaphthalene	770	ug/Kg	U
SEE09131505PML1	9/13/2010	2-Chloronaphthalene	770	ug/Kg	U
SEE08301145MHS1	8/30/2010	2-Chloronaphthalene	770	ug/Kg	U
SEE10141555ARM1	10/14/2010	2-Chloronaphthalene	760	ug/Kg	U
SEE10101215PML1	10/10/2010	2-Chloronaphthalene	760	ug/Kg	U
SEE10101215PML1	10/10/2010	2-Chloronaphthalene	760	ug/Kg	U
SEE09170839RCM1	9/17/2010	2-Chloronaphthalene	760	ug/Kg	U
SEE09081205PML1	9/8/2010	2-Chloronaphthalene	760	ug/Kg	U
SEE09031140MHS1	9/3/2010	2-Chloronaphthalene	760	ug/Kg	U
SEE10061051RCM1	10/6/2010	2-Chloronaphthalene	750	ug/Kg	U
SEE10041138RCM1	10/4/2010	2-Chloronaphthalene	750	ug/Kg	U
SEE09251135JDF1	9/25/2010	2-Chloronaphthalene	750	ug/Kg	UJ
SEE09200945PML1	9/20/2010	2-Chloronaphthalene	750	ug/Kg	U
SEE09200945PML1	9/20/2010	2-Chloronaphthalene	750	ug/Kg	U
SEE09191040PML1	9/19/2010	2-Chloronaphthalene	750	ug/Kg	U
SEE09181705PML1	9/18/2010	2-Chloronaphthalene	750	ug/Kg	U
SEE09091005RCM1	9/9/2010	2-Chloronaphthalene	750	ug/Kg	U
SEE09061105PML1	9/6/2010	2-Chloronaphthalene	750	ug/Kg	U
SEE09031650PML1	9/3/2010	2-Chloronaphthalene	750	ug/Kg	U
SEE09031650PML1	9/3/2010	2-Chloronaphthalene	750	ug/Kg	U
SEE10141150JDF1	10/14/2010	2-Chloronaphthalene	740	ug/Kg	U
SEE10101010PML1	10/10/2010	2-Chloronaphthalene	740	ug/Kg	U
SEE10081051RCM1	10/8/2010	2-Chloronaphthalene	740	ug/Kg	U
SEE09261625JDF1	9/26/2010	2-Chloronaphthalene	740	ug/Kg	U
SEE09261625JDF1	9/26/2010	2-Chloronaphthalene	740	ug/Kg	U
SEE09191530PML1	9/19/2010	2-Chloronaphthalene	740	ug/Kg	U
SEE09151145PML1	9/15/2010	2-Chloronaphthalene	740	ug/Kg	U
SEE09151145PML1	9/15/2010	2-Chloronaphthalene	740	ug/Kg	U
SEE09121055PML1	9/12/2010	2-Chloronaphthalene	740	ug/Kg	UJ
SEE09121055PML1	9/12/2010	2-Chloronaphthalene	740	ug/Kg	UJ
SEE09091515PML1	9/9/2010	2-Chloronaphthalene	740	ug/Kg	U
SEE09081010PML1	9/8/2010	2-Chloronaphthalene	740	ug/Kg	U
SEE08311045PML1	8/31/2010	2-Chloronaphthalene	740	ug/Kg	U
SEE10161530JDF1	10/16/2010	2-Chloronaphthalene	730	ug/Kg	U
SEE10141550JDF1	10/14/2010	2-Chloronaphthalene	730	ug/Kg	U
SEE10141550JDF1	10/14/2010	2-Chloronaphthalene	730	ug/Kg	U
SEE10121155JDF1	10/12/2010	2-Chloronaphthalene	730	ug/Kg	U
SEE10011120JDF1	10/1/2010	2-Chloronaphthalene	730	ug/Kg	U
SEE09260930RCM1	9/26/2010	2-Chloronaphthalene	730	ug/Kg	U
SEE09230955RCM1	9/23/2010	2-Chloronaphthalene	730	ug/Kg	U
SEE09151015PML1	9/15/2010	2-Chloronaphthalene	730	ug/Kg	U
SEE09111015PML1	9/11/2010	2-Chloronaphthalene	730	ug/Kg	UJ
SEE08281505PML1	8/28/2010	2-Chloronaphthalene	730	ug/kg	U
SEE10181210JDF1	10/18/2010	2-Chloronaphthalene	720	ug/Kg	U
SEE10150945JDF1	10/15/2010	2-Chloronaphthalene	720	ug/Kg	U
SEE10120930JDF1	10/12/2010	2-Chloronaphthalene	720	ug/Kg	U
SEE10081231PML1	10/8/2010	2-Chloronaphthalene	720	ug/Kg	U
SEE10071042RCM1	10/7/2010	2-Chloronaphthalene	720	ug/Kg	U
SEE10071101PML1	10/7/2010	2-Chloronaphthalene	720	ug/Kg	U
SEE09261215JDF1	9/26/2010	2-Chloronaphthalene	720	ug/Kg	U
SEE09011050PML1	9/1/2010	2-Chloronaphthalene	720	ug/Kg	U
SEE08271215PML1	8/27/2010	2-Chloronaphthalene	720	ug/kg	U
SEE09221440JDF1	9/22/2010	2-Chloronaphthalene	710	ug/Kg	U
SEE09040950PML1	9/4/2010	2-Chloronaphthalene	710	ug/Kg	U
SEE10181430JWP1	10/18/2010	2-Chloronaphthalene	700	ug/Kg	U
SEE10161115ARM1	10/16/2010	2-Chloronaphthalene	700	ug/Kg	U
SEE10061640PML1	10/6/2010	2-Chloronaphthalene	700	ug/Kg	U
SEE10061640PML1	10/6/2010	2-Chloronaphthalene	700	ug/Kg	U

**TABLE B-2b**  
**Upstream Sediment Samples (Morrow Lake)**

Sample ID	Sample Date	Analyte	Result	Unit	Data Qualifier
SEE09301205RCM1	9/30/2010	2-Chloronaphthalene	700	ug/Kg	U
SEE09211155JDF1	9/21/2010	2-Chloronaphthalene	700	ug/Kg	UJ
SEE09201115RCM1	9/20/2010	2-Chloronaphthalene	700	ug/Kg	U
SEE09171445RCM1	9/17/2010	2-Chloronaphthalene	700	ug/Kg	U
SEE09161035RCM1	9/16/2010	2-Chloronaphthalene	700	ug/Kg	U
SEE10041150JDF1	10/4/2010	2-Chloronaphthalene	690	ug/Kg	U
SEE09121450PML1	9/12/2010	2-Chloronaphthalene	690	ug/Kg	UJ
SEE08301520JRP1	8/30/2010	2-Chloronaphthalene	690	ug/Kg	U
SEE08271614TWH1	8/27/2010	2-Chloronaphthalene	690	ug/kg	U
SEE10111125JDF1	10/11/2010	2-Chloronaphthalene	680	ug/Kg	U
SEE09271130JDF1	9/27/2010	2-Chloronaphthalene	680	ug/Kg	U
SEE09131620PML1	9/13/2010	2-Chloronaphthalene	680	ug/Kg	UJ
SEE09061130MHS1	9/6/2010	2-Chloronaphthalene	680	ug/Kg	U
SEE08261445JRP1	8/26/2010	2-Chloronaphthalene	680	ug/Kg	U
SEE10031425JDF1	10/3/2010	2-Chloronaphthalene	670	ug/Kg	U
SEE09291035JDF1	9/29/2010	2-Chloronaphthalene	670	ug/Kg	U
SEE09250905RCM1	9/25/2010	2-Chloronaphthalene	670	ug/Kg	UJ
SEE09211530JDF1	9/21/2010	2-Chloronaphthalene	670	ug/Kg	UJ
SEE09131125PML1	9/13/2010	2-Chloronaphthalene	670	ug/Kg	U
SEE09091605PML1	9/9/2010	2-Chloronaphthalene	670	ug/Kg	U
SEE09041350PML1	9/4/2010	2-Chloronaphthalene	670	ug/Kg	U
SEE09011255PML1	9/1/2010	2-Chloronaphthalene	670	ug/Kg	U
SEE09170945PML1	9/17/2010	2-Chloronaphthalene	660	ug/Kg	U
SEE09091145PML1	9/9/2010	2-Chloronaphthalene	660	ug/Kg	U
SEE08301445JRP1	8/30/2010	2-Chloronaphthalene	660	ug/Kg	U
SEE08271500PML1	8/27/2010	2-Chloronaphthalene	660	ug/kg	U
SEE09091410PML1	9/9/2010	2-Chloronaphthalene	650	ug/Kg	U
SEE09171125PML1	9/17/2010	2-Chloronaphthalene	640	ug/Kg	U
SEE09051015PML1	9/5/2010	2-Chloronaphthalene	640	ug/Kg	U
SEE10161415JDF1	10/16/2010	2-Chloronaphthalene	630	ug/Kg	U
SEE10111011JDF1	10/11/2010	2-Chloronaphthalene	630	ug/Kg	U
SEE09130940PML1	9/13/2010	2-Chloronaphthalene	630	ug/Kg	U
SEE08301015JRP1	8/30/2010	2-Chloronaphthalene	630	ug/Kg	U
SEE10121415ARM1	10/12/2010	2-Chloronaphthalene	620	ug/Kg	U
SEE10071540PML1	10/7/2010	2-Chloronaphthalene	620	ug/Kg	U
SEE09031115JAW1	9/3/2010	2-Chloronaphthalene	620	ug/Kg	U
SEE08301530JAW1	8/30/2010	2-Chloronaphthalene	620	ug/Kg	U
SEE10161055JDF1	10/16/2010	2-Chloronaphthalene	610	ug/Kg	U
SEE10071205PML1	10/7/2010	2-Chloronaphthalene	610	ug/Kg	U
SEE09271515JDF1	9/27/2010	2-Chloronaphthalene	610	ug/Kg	U
SEE09211112RCM1	9/21/2010	2-Chloronaphthalene	610	ug/Kg	UJ
SEE09201645ARM1	9/20/2010	2-Chloronaphthalene	610	ug/Kg	U
SEE09171530PML1	9/17/2010	2-Chloronaphthalene	610	ug/Kg	U
SEE09091010PML1	9/9/2010	2-Chloronaphthalene	610	ug/Kg	U
SEE09091025JRP1	9/9/2010	2-Chloronaphthalene	610	ug/Kg	U
SEE10111350JDF1	10/11/2010	2-Chloronaphthalene	600	ug/Kg	U
SEE09290925JDF1	9/29/2010	2-Chloronaphthalene	600	ug/Kg	U
SEE09221105JDF1	9/22/2010	2-Chloronaphthalene	600	ug/Kg	U
SEE09221615JDF1	9/22/2010	2-Chloronaphthalene	600	ug/Kg	U
SEE10151055ARM1	10/15/2010	2-Chloronaphthalene	590	ug/Kg	U
SEE09301255MAE1	9/30/2010	2-Chloronaphthalene	590	ug/Kg	U
SEE09011145PML1	9/1/2010	2-Chloronaphthalene	590	ug/Kg	U
SEE08291110PML1	8/29/2010	2-Chloronaphthalene	590	ug/kg	U
SEE10041050JDF1	10/4/2010	2-Chloronaphthalene	580	ug/Kg	U
SEE09231130ARM1	9/23/2010	2-Chloronaphthalene	580	ug/Kg	U
SEE10121030JDF1	10/12/2010	2-Chloronaphthalene	570	ug/Kg	U
SEE10041335JDF1	10/4/2010	2-Chloronaphthalene	570	ug/Kg	U
SEE09271025ARM1	9/27/2010	2-Chloronaphthalene	570	ug/Kg	U
SEE08281215PML1	8/28/2010	2-Chloronaphthalene	570	ug/kg	U
SEE08281420TWH1	8/28/2010	2-Chloronaphthalene	570	ug/kg	U

**TABLE B-2b**  
**Upstream Sediment Samples (Morrow Lake)**

Sample ID	Sample Date	Analyte	Result	Unit	Data Qualifier
SEE10040945JDF1	10/4/2010	2-Chloronaphthalene	560	ug/Kg	U
SEE09130955JRP1	9/13/2010	2-Chloronaphthalene	560	ug/Kg	U
SEE09291645JDF1	9/29/2010	2-Chloronaphthalene	550	ug/Kg	U
SEE08281510TWH1	8/28/2010	2-Chloronaphthalene	540	ug/kg	U
SEE09141312RCM1	9/14/2010	2-Chloronaphthalene	530	ug/Kg	U
SEE08291421KAP1	8/29/2010	2-Chloronaphthalene	510	ug/kg	U
SEE08271652TWH1	8/27/2010	2-Chloronaphthalene	500	ug/kg	U
SEE10211035JDF1	10/21/2010	2-Chloronaphthalene	480	ug/Kg	UJ
SEE10151355ARM1	10/15/2010	2-Chloronaphthalene	480	ug/Kg	U
SEE10041355ARM1	10/4/2010	2-Chloronaphthalene	480	ug/Kg	U
SEE09090900JRP1	9/9/2010	2-Chloronaphthalene	470	ug/Kg	U
SEE08311010JRP1	8/31/2010	2-Chloronaphthalene	470	ug/Kg	U
SEE08311348MHS1	8/31/2010	2-Chloronaphthalene	470	ug/Kg	U
SEE10170915JDF1	10/17/2010	2-Chloronaphthalene	460	ug/Kg	U
SEE10071415ARM1	10/7/2010	2-Chloronaphthalene	460	ug/Kg	U
SEE09291135JDF1	9/29/2010	2-Chloronaphthalene	460	ug/Kg	U
SEE10191005JDF1	10/19/2010	2-Chloronaphthalene	440	ug/Kg	U
SEE10211430JDF1	10/21/2010	2-Chloronaphthalene	430	ug/Kg	U
SEE10071151RCM1	10/7/2010	2-Chloronaphthalene	430	ug/Kg	U
SEE10221110JDF1	10/22/2010	2-Chloronaphthalene	420	ug/Kg	U
SEE10221110JDF1	10/22/2010	2-Chloronaphthalene	420	ug/Kg	U
SEE10191515JDF1	10/19/2010	2-Chloronaphthalene	410	ug/Kg	U
SEE08300920JRP1	8/30/2010	2-Chloronaphthalene	410	ug/Kg	U
SEE08291550KAP1	8/29/2010	2-Chloronaphthalene	410	ug/kg	U
SEE10191415JDF1	10/19/2010	2-Chloronaphthalene	400	ug/Kg	U
SEE10211010JWP1	10/21/2010	2-Chloronaphthalene	390	ug/Kg	U
SEE10191155JDF1	10/19/2010	2-Chloronaphthalene	390	ug/Kg	U
SEE09051500MHS1	9/5/2010	2-Chloronaphthalene	380	ug/Kg	U
SEE10191100JDF1	10/19/2010	2-Chloronaphthalene	370	ug/Kg	U
SEE10141025ARM1	10/14/2010	2-Chloronaphthalene	370	ug/Kg	U
SEE10221055DWS1	10/22/2010	2-Chloronaphthalene	350	ug/Kg	U
SEE10191010JWP1	10/19/2010	2-Chloronaphthalene	350	ug/Kg	U
SEE10091200ARM1	10/9/2010	2-Chloronaphthalene	330	ug/Kg	UJ
SEE09130915JRP1	9/13/2010	2-Chloronaphthalene	330	ug/Kg	U
SEE08291354KAP1	8/29/2010	2-Chloronaphthalene	330	ug/kg	U
SEE09061610JAW1	9/6/2010	2-Chloronaphthalene	290	ug/Kg	U
SEE10051415ARM1	10/5/2010	2-Chloronaphthalene	280	ug/Kg	U
SEE10171535ARM1	10/17/2010	2-Chloronaphthalene	270	ug/Kg	U
SEE08291445PML1	8/29/2010	2-Chloronaphthalene	270	ug/kg	U
SEE08261700JRP1	8/26/2010	2-Chloronaphthalene	270	ug/Kg	U
SEE09100945RCM1	9/10/2010	2-Chloronaphthalene	260	ug/Kg	UJ
SEE08301410JRP1	8/30/2010	2-Chloronaphthalene	260	ug/Kg	U
SEE10011125ARM1	10/1/2010	2-Chloronaphthalene	250	ug/Kg	U
SEE09211120ARM1	9/21/2010	2-Chloronaphthalene	250	ug/Kg	UJ
SEE09201110ARM1	9/20/2010	2-Chloronaphthalene	250	ug/Kg	U
SEE10081035ARM1	10/8/2010	2-Chloronaphthalene	240	ug/Kg	U
SEE09171200ARM1	9/17/2010	2-Chloronaphthalene	240	ug/Kg	U
SEF10011045TDF1	10/1/2010	2-Chloronaphthalene	230	ug/Kg	U
SEE09290915MAE1	9/29/2010	2-Chloronaphthalene	230	ug/Kg	U
SEE09271500ARM1	9/27/2010	2-Chloronaphthalene	230	ug/Kg	U
SEE09231205RCM1	9/23/2010	2-Chloronaphthalene	230	ug/Kg	U
SEE09200911RCM1	9/20/2010	2-Chloronaphthalene	230	ug/Kg	U
SEE09140945JRP1	9/14/2010	2-Chloronaphthalene	230	ug/Kg	U
SEE08271445JRP1	8/27/2010	2-Chloronaphthalene	230	ug/kg	U
SEF10081108TDF3	10/8/2010	2-Chloronaphthalene	220	ug/Kg	U
SEE10071045ARM1	10/7/2010	2-Chloronaphthalene	220	ug/Kg	U
SEE10041045ARM1	10/4/2010	2-Chloronaphthalene	220	ug/Kg	U
SEE10011043RCM1	10/1/2010	2-Chloronaphthalene	220	ug/Kg	U
SEE09281445RCM1	9/28/2010	2-Chloronaphthalene	220	ug/Kg	U
SEE09251235ARM1	9/25/2010	2-Chloronaphthalene	220	ug/Kg	UJ

**TABLE B-2b**  
**Upstream Sediment Samples (Morrow Lake)**

Sample ID	Sample Date	Analyte	Result	Unit	Data Qualifier
SEE09231035ARM1	9/23/2010	2-Chloronaphthalene	220	ug/Kg	U
SEE09170935RCM1	9/17/2010	2-Chloronaphthalene	220	ug/Kg	U
SEE09150915JRP1	9/15/2010	2-Chloronaphthalene	220	ug/Kg	U
SEE09070930JRP1	9/7/2010	2-Chloronaphthalene	220	ug/Kg	U
SEB09011143JLS1	9/1/2010	2-Chloronaphthalene	220	ug/Kg	U
SEE08301100JRP1	8/30/2010	2-Chloronaphthalene	220	ug/Kg	U
SEE08271536TWH1	8/27/2010	2-Chloronaphthalene	220	ug/kg	U
SEF10151030PMB3	10/15/2010	2-Chloronaphthalene	210	ug/Kg	U
SEF10121130PMB3	10/12/2010	2-Chloronaphthalene	210	ug/Kg	U
SEE10061135ARM1	10/6/2010	2-Chloronaphthalene	210	ug/Kg	U
SEF10051206TDF3	10/5/2010	2-Chloronaphthalene	210	ug/Kg	U
SEE09100920JRP1	9/10/2010	2-Chloronaphthalene	210	ug/Kg	UJ
SEE09051500JAW1	9/5/2010	2-Chloronaphthalene	210	ug/Kg	U
SEB08281400JLS1	8/28/2010	2-Chloronaphthalene	210	ug/kg	U
SEE08281540JRP1	8/28/2010	2-Chloronaphthalene	210	ug/kg	U
SEE10131035ARM1	10/13/2010	2-Chloronaphthalene	200	ug/Kg	U
SEE10121040ARM1	10/12/2010	2-Chloronaphthalene	200	ug/Kg	U
SEE10051145RCM1	10/5/2010	2-Chloronaphthalene	200	ug/Kg	U
SEE09301025MAE1	9/30/2010	2-Chloronaphthalene	200	ug/Kg	U
SEF09281139TDF1	9/28/2010	2-Chloronaphthalene	200	ug/Kg	U
SEE09221045ARM1	9/22/2010	2-Chloronaphthalene	200	ug/Kg	U
SEE09080930JRP1	9/8/2010	2-Chloronaphthalene	200	ug/Kg	U
SEE09011515JAW1	9/1/2010	2-Chloronaphthalene	200	ug/Kg	U
SEE10221450DWS1	10/22/2010	2-Chloronaphthalene	190	ug/Kg	U
SEE10181030JWP1	10/18/2010	2-Chloronaphthalene	190	ug/Kg	U
SEE10211345JWP1	10/21/2010	2-Chloronaphthalene	160	ug/Kg	U
SEF10221050MAE3	10/22/2010	2-Chloronaphthalene	120	ug/Kg	U
SEF10191135NAC3	10/19/2010	2-Chloronaphthalene	120	ug/Kg	U
SEE10191115JWP1	10/19/2010	2-Chloronaphthalene	100	ug/Kg	U
ML-07-S-081810	8/18/2010	2-Chloronaphthalene	0.37	mg/Kg	UJ
ML-06-S-082310	8/23/2010	2-Chloronaphthalene	0.33	mg/Kg	U
ML-04-S-081710	8/17/2010	2-Chloronaphthalene	0.32	mg/Kg	U
ML-04-S-082610	8/26/2010	2-Chloronaphthalene	0.31	mg/Kg	U
ML-03-S-082310	8/23/2010	2-Chloronaphthalene	0.31	mg/Kg	U
ML-10-S-081910	8/19/2010	2-Chloronaphthalene	0.31	mg/Kg	U
ML-10-S-081910	8/19/2010	2-Chloronaphthalene	0.31	mg/Kg	U
ML-09-S-081810	8/18/2010	2-Chloronaphthalene	0.31	mg/Kg	UJ
ML-06-S-081710	8/17/2010	2-Chloronaphthalene	0.31	mg/Kg	U
ML-10-S-082610	8/26/2010	2-Chloronaphthalene	0.30	mg/Kg	U
ML-10-S-082610	8/26/2010	2-Chloronaphthalene	0.30	mg/Kg	U
ML-05-S-082310	8/23/2010	2-Chloronaphthalene	0.28	mg/Kg	U
ML-01-S-081910	8/19/2010	2-Chloronaphthalene	0.27	mg/Kg	U
ML-05-S-081710	8/17/2010	2-Chloronaphthalene	0.26	mg/Kg	U
ML-02-S-082310	8/23/2010	2-Chloronaphthalene	0.25	mg/Kg	U
ML-02-S-081710	8/17/2010	2-Chloronaphthalene	0.24	mg/Kg	U
ML-06-S-082510	8/25/2010	2-Chloronaphthalene	0.18	mg/Kg	U
ML-07-S-082410	8/24/2010	2-Chloronaphthalene	0.18	mg/Kg	UJ
ML-07-S-082110	8/21/2010	2-Chloronaphthalene	0.18	mg/Kg	U
ML-05-S-082610	8/26/2010	2-Chloronaphthalene	0.17	mg/Kg	U
ML-07-S-082510	8/25/2010	2-Chloronaphthalene	0.17	mg/Kg	U
ML-08-S-082110	8/21/2010	2-Chloronaphthalene	0.17	mg/Kg	U
ML-07-S-081610	8/16/2010	2-Chloronaphthalene	0.17	mg/Kg	U
ML-08-S-081610	8/16/2010	2-Chloronaphthalene	0.17	mg/Kg	U
ML-08-S-082510	8/25/2010	2-Chloronaphthalene	0.16	mg/Kg	U
ML-08-S-082410	8/24/2010	2-Chloronaphthalene	0.16	mg/Kg	UJ
ML-06-S-082010	8/20/2010	2-Chloronaphthalene	0.16	mg/Kg	U
ML-01-S-081610	8/16/2010	2-Chloronaphthalene	0.16	mg/Kg	U
ML-01-S-082510	8/25/2010	2-Chloronaphthalene	0.15	mg/Kg	U
ML-09-S-082510	8/25/2010	2-Chloronaphthalene	0.15	mg/Kg	U
ML-04-S-082410	8/24/2010	2-Chloronaphthalene	0.15	mg/Kg	UJ

**TABLE B-2b**  
**Upstream Sediment Samples (Morrow Lake)**

Sample ID	Sample Date	Analyte	Result	Unit	Data Qualifier
ML-10-S-082410	8/24/2010	2-Chloronaphthalene	0.15	mg/Kg	UJ
ML-10-S-082410	8/24/2010	2-Chloronaphthalene	0.15	mg/Kg	UJ
ML-09-S-082110	8/21/2010	2-Chloronaphthalene	0.15	mg/Kg	U
ML-10-S-082110	8/21/2010	2-Chloronaphthalene	0.15	mg/Kg	U
ML-10-S-082110	8/21/2010	2-Chloronaphthalene	0.15	mg/Kg	U
ML-05-S-082010	8/20/2010	2-Chloronaphthalene	0.15	mg/Kg	U
ML-10-S-081610	8/16/2010	2-Chloronaphthalene	0.15	mg/Kg	U
ML-10-S-081610	8/16/2010	2-Chloronaphthalene	0.15	mg/Kg	U
ML-02-S-082510	8/25/2010	2-Chloronaphthalene	0.14	mg/Kg	U
ML-09-S-082410	8/24/2010	2-Chloronaphthalene	0.14	mg/Kg	UJ
ML-01-S-082110	8/21/2010	2-Chloronaphthalene	0.14	mg/Kg	U
ML-03-S-082510	8/25/2010	2-Chloronaphthalene	0.13	mg/Kg	U
ML-02-S-082010	8/20/2010	2-Chloronaphthalene	0.13	mg/Kg	U
ML-03-S-082010	8/20/2010	2-Chloronaphthalene	0.13	mg/Kg	U
ML-04-S-082010	8/20/2010	2-Chloronaphthalene	0.13	mg/Kg	U
ML-03-S-081610	8/16/2010	2-Chloronaphthalene	0.12	mg/Kg	U
SEE09051430PML1	9/5/2010	2-Chlorophenol	3000	ug/Kg	U
SEE09011635PML1	9/1/2010	2-Chlorophenol	3000	ug/Kg	U
SEE08271145RCM1	8/27/2010	2-Chlorophenol	1600	ug/kg	U
SEE08261620RCM1	8/26/2010	2-Chlorophenol	1400	ug/kg	U
SEE08261420RCM1	8/26/2010	2-Chlorophenol	1200	ug/kg	U
SEE10211035JDF1	10/21/2010	2-Chlorophenol	960	ug/Kg	UJ
SEE10051125PML1	10/5/2010	2-Chlorophenol	930	ug/Kg	U
SEE09061500PML1	9/6/2010	2-Chlorophenol	920	ug/Kg	U
SEE09021400PML1	9/2/2010	2-Chlorophenol	920	ug/Kg	U
SEE09301105JDF1	9/30/2010	2-Chlorophenol	910	ug/Kg	U
SEE08301130PML1	8/30/2010	2-Chlorophenol	910	ug/Kg	U
SEE10191005JDF1	10/19/2010	2-Chlorophenol	880	ug/Kg	U
SEE10171410JDF1	10/17/2010	2-Chlorophenol	880	ug/Kg	U
SEE09181235PML1	9/18/2010	2-Chlorophenol	880	ug/Kg	UJ
SEE09101022PML1	9/10/2010	2-Chlorophenol	880	ug/Kg	UJ
SEE09011545PML1	9/1/2010	2-Chlorophenol	870	ug/Kg	U
SEE10211430JDF1	10/21/2010	2-Chlorophenol	860	ug/Kg	U
SEE09231645JDF1	9/23/2010	2-Chlorophenol	860	ug/Kg	U
SEE09141135PML1	9/14/2010	2-Chlorophenol	860	ug/Kg	U
SEE09091410RCM1	9/9/2010	2-Chlorophenol	860	ug/Kg	U
SEE10081115PML1	10/8/2010	2-Chlorophenol	850	ug/Kg	UJ
SEE09121105RCM1	9/12/2010	2-Chlorophenol	850	ug/Kg	UJ
SEE09101215PML1	9/10/2010	2-Chlorophenol	850	ug/Kg	UJ
SEE09081020RCM1	9/8/2010	2-Chlorophenol	850	ug/Kg	U
SEE09031645MHS1	9/3/2010	2-Chlorophenol	850	ug/Kg	U
SEE09011545MHS1	9/1/2010	2-Chlorophenol	850	ug/Kg	U
SEE08311420PML1	8/31/2010	2-Chlorophenol	850	ug/Kg	U
SEE08311420PML1	8/31/2010	2-Chlorophenol	850	ug/Kg	U
SEE10131150JDF1	10/13/2010	2-Chlorophenol	840	ug/Kg	U
SEE09301255JDF1	9/30/2010	2-Chlorophenol	840	ug/Kg	U
SEE10221110JDF1	10/22/2010	2-Chlorophenol	830	ug/Kg	U
SEE10221110JDF1	10/22/2010	2-Chlorophenol	830	ug/Kg	U
SEE09030925PML1	9/3/2010	2-Chlorophenol	830	ug/Kg	U
SEE08281607TWH1	8/28/2010	2-Chlorophenol	830	ug/kg	UJ
SEE08281630RCM1	8/28/2010	2-Chlorophenol	830	ug/kg	UJ
SEE10191515JDF1	10/19/2010	2-Chlorophenol	820	ug/Kg	U
SEE10091401PML1	10/9/2010	2-Chlorophenol	820	ug/Kg	UJ
SEE09051550MHS1	9/5/2010	2-Chlorophenol	820	ug/Kg	U
SEE09291023RCM1	9/29/2010	2-Chlorophenol	810	ug/Kg	U
SEE09121436RCM1	9/12/2010	2-Chlorophenol	810	ug/Kg	UJ
SEE09021010PML1	9/2/2010	2-Chlorophenol	810	ug/Kg	U
SEE10041530JDF1	10/4/2010	2-Chlorophenol	800	ug/Kg	U
SEE09101625PML1	9/10/2010	2-Chlorophenol	800	ug/Kg	UJ
SEE09061525MHS1	9/6/2010	2-Chlorophenol	800	ug/Kg	U

**TABLE B-2b**  
**Upstream Sediment Samples (Morrow Lake)**

Sample ID	Sample Date	Analyte	Result	Unit	Data Qualifier
SEE09031100PML1	9/3/2010	2-Chlorophenol	800	ug/Kg	U
SEE08301638MHS1	8/30/2010	2-Chlorophenol	800	ug/Kg	U
SEE10191415JDF1	10/19/2010	2-Chlorophenol	790	ug/Kg	U
SEE10181035JDF1	10/18/2010	2-Chlorophenol	790	ug/Kg	U
SEE10091614PML1	10/9/2010	2-Chlorophenol	790	ug/Kg	UJ
SEE10051653PML1	10/5/2010	2-Chlorophenol	790	ug/Kg	U
SEE09231210JDF1	9/23/2010	2-Chlorophenol	790	ug/Kg	U
SEE09141515PML1	9/14/2010	2-Chlorophenol	790	ug/Kg	U
SEE09131026RCM1	9/13/2010	2-Chlorophenol	790	ug/Kg	U
SEE09051130PML1	9/5/2010	2-Chlorophenol	790	ug/Kg	U
SEE08301550PML1	8/30/2010	2-Chlorophenol	790	ug/Kg	U
SEE10191155JDF1	10/19/2010	2-Chlorophenol	780	ug/Kg	U
SEE10171115JDF1	10/17/2010	2-Chlorophenol	780	ug/Kg	U
SEE10141015JDF1	10/14/2010	2-Chlorophenol	780	ug/Kg	UJ
SEE09220935RCM1	9/22/2010	2-Chlorophenol	780	ug/Kg	U
SEE09191445RCM1	9/19/2010	2-Chlorophenol	780	ug/Kg	U
SEE09161045PML1	9/16/2010	2-Chlorophenol	780	ug/Kg	UJ
SEE09071050PML1	9/7/2010	2-Chlorophenol	780	ug/Kg	UJ
SEE10211010JWP1	10/21/2010	2-Chlorophenol	770	ug/Kg	U
SEE10181510JDF1	10/18/2010	2-Chlorophenol	770	ug/Kg	U
SEE10181510JDF1	10/18/2010	2-Chlorophenol	770	ug/Kg	U
SEE10061205PML1	10/6/2010	2-Chlorophenol	770	ug/Kg	U
SEE10031115JDF1	10/3/2010	2-Chlorophenol	770	ug/Kg	UJ
SEE10031115JDF1	10/3/2010	2-Chlorophenol	770	ug/Kg	UJ
SEE09171415PML1	9/17/2010	2-Chlorophenol	770	ug/Kg	U
SEE09140945PML1	9/14/2010	2-Chlorophenol	770	ug/Kg	U
SEE09131445RCM1	9/13/2010	2-Chlorophenol	770	ug/Kg	U
SEE09131505PML1	9/13/2010	2-Chlorophenol	770	ug/Kg	U
SEE08301145MHS1	8/30/2010	2-Chlorophenol	770	ug/Kg	U
SEE10141555ARM1	10/14/2010	2-Chlorophenol	760	ug/Kg	UJ
SEE10101215PML1	10/10/2010	2-Chlorophenol	760	ug/Kg	U
SEE10101215PML1	10/10/2010	2-Chlorophenol	760	ug/Kg	U
SEE09170839RCM1	9/17/2010	2-Chlorophenol	760	ug/Kg	U
SEE09081205PML1	9/8/2010	2-Chlorophenol	760	ug/Kg	U
SEE09031140MHS1	9/3/2010	2-Chlorophenol	760	ug/Kg	U
SEE10061051RCM1	10/6/2010	2-Chlorophenol	750	ug/Kg	U
SEE10041138RCM1	10/4/2010	2-Chlorophenol	750	ug/Kg	U
SEE09251135JDF1	9/25/2010	2-Chlorophenol	750	ug/Kg	UJ
SEE09200945PML1	9/20/2010	2-Chlorophenol	750	ug/Kg	U
SEE09200945PML1	9/20/2010	2-Chlorophenol	750	ug/Kg	U
SEE09191040PML1	9/19/2010	2-Chlorophenol	750	ug/Kg	U
SEE09181705PML1	9/18/2010	2-Chlorophenol	750	ug/Kg	UJ
SEE09091005RCM1	9/9/2010	2-Chlorophenol	750	ug/Kg	U
SEE09061105PML1	9/6/2010	2-Chlorophenol	750	ug/Kg	U
SEE09031650PML1	9/3/2010	2-Chlorophenol	750	ug/Kg	U
SEE09031650PML1	9/3/2010	2-Chlorophenol	750	ug/Kg	U
SEE10191100JDF1	10/19/2010	2-Chlorophenol	740	ug/Kg	U
SEE10141150JDF1	10/14/2010	2-Chlorophenol	740	ug/Kg	UJ
SEE10101010PML1	10/10/2010	2-Chlorophenol	740	ug/Kg	U
SEE10081051RCM1	10/8/2010	2-Chlorophenol	740	ug/Kg	UJ
SEE09261625JDF1	9/26/2010	2-Chlorophenol	740	ug/Kg	U
SEE09261625JDF1	9/26/2010	2-Chlorophenol	740	ug/Kg	U
SEE09191530PML1	9/19/2010	2-Chlorophenol	740	ug/Kg	U
SEE09151145PML1	9/15/2010	2-Chlorophenol	740	ug/Kg	U
SEE09151145PML1	9/15/2010	2-Chlorophenol	740	ug/Kg	U
SEE09121055PML1	9/12/2010	2-Chlorophenol	740	ug/Kg	UJ
SEE09121055PML1	9/12/2010	2-Chlorophenol	740	ug/Kg	UJ
SEE09091515PML1	9/9/2010	2-Chlorophenol	740	ug/Kg	U
SEE09081010PML1	9/8/2010	2-Chlorophenol	740	ug/Kg	U
SEE08311045PML1	8/31/2010	2-Chlorophenol	740	ug/Kg	U

**TABLE B-2b**  
**Upstream Sediment Samples (Morrow Lake)**

Sample ID	Sample Date	Analyte	Result	Unit	Data Qualifier
SEE10161530JDF1	10/16/2010	2-Chlorophenol	730	ug/Kg	U
SEE10141550JDF1	10/14/2010	2-Chlorophenol	730	ug/Kg	UJ
SEE10141550JDF1	10/14/2010	2-Chlorophenol	730	ug/Kg	UJ
SEE10121155JDF1	10/12/2010	2-Chlorophenol	730	ug/Kg	UJ
SEE10011120JDF1	10/1/2010	2-Chlorophenol	730	ug/Kg	UJ
SEE09260930RCM1	9/26/2010	2-Chlorophenol	730	ug/Kg	U
SEE09230955RCM1	9/23/2010	2-Chlorophenol	730	ug/Kg	U
SEE09151015PML1	9/15/2010	2-Chlorophenol	730	ug/Kg	U
SEE09111015PML1	9/11/2010	2-Chlorophenol	730	ug/Kg	UJ
SEE08281505PML1	8/28/2010	2-Chlorophenol	730	ug/kg	UJ
SEE10181210JDF1	10/18/2010	2-Chlorophenol	720	ug/Kg	U
SEE10150945JDF1	10/15/2010	2-Chlorophenol	720	ug/Kg	U
SEE10120930JDF1	10/12/2010	2-Chlorophenol	720	ug/Kg	UJ
SEE10081231PML1	10/8/2010	2-Chlorophenol	720	ug/Kg	UJ
SEE10071042RCM1	10/7/2010	2-Chlorophenol	720	ug/Kg	U
SEE10071101PML1	10/7/2010	2-Chlorophenol	720	ug/Kg	U
SEE09261215JDF1	9/26/2010	2-Chlorophenol	720	ug/Kg	U
SEE09011050PML1	9/1/2010	2-Chlorophenol	720	ug/Kg	U
SEE08271215PML1	8/27/2010	2-Chlorophenol	720	ug/kg	U
SEE10221055DWS1	10/22/2010	2-Chlorophenol	710	ug/Kg	U
SEE09221440JDF1	9/22/2010	2-Chlorophenol	710	ug/Kg	U
SEE09040950PML1	9/4/2010	2-Chlorophenol	710	ug/Kg	U
SEE10181430JWP1	10/18/2010	2-Chlorophenol	700	ug/Kg	U
SEE10161115ARM1	10/16/2010	2-Chlorophenol	700	ug/Kg	U
SEE10061640PML1	10/6/2010	2-Chlorophenol	700	ug/Kg	U
SEE10061640PML1	10/6/2010	2-Chlorophenol	700	ug/Kg	U
SEE09301205RCM1	9/30/2010	2-Chlorophenol	700	ug/Kg	U
SEE09211155JDF1	9/21/2010	2-Chlorophenol	700	ug/Kg	UJ
SEE09201115RCM1	9/20/2010	2-Chlorophenol	700	ug/Kg	U
SEE09171445RCM1	9/17/2010	2-Chlorophenol	700	ug/Kg	U
SEE09161035RCM1	9/16/2010	2-Chlorophenol	700	ug/Kg	UJ
SEE10191010JWP1	10/19/2010	2-Chlorophenol	690	ug/Kg	U
SEE10041150JDF1	10/4/2010	2-Chlorophenol	690	ug/Kg	U
SEE09121450PML1	9/12/2010	2-Chlorophenol	690	ug/Kg	UJ
SEE08301520JRP1	8/30/2010	2-Chlorophenol	690	ug/Kg	U
SEE08271614TWH1	8/27/2010	2-Chlorophenol	690	ug/kg	U
SEE10111125JDF1	10/11/2010	2-Chlorophenol	680	ug/Kg	U
SEE09271130JDF1	9/27/2010	2-Chlorophenol	680	ug/Kg	U
SEE09131620PML1	9/13/2010	2-Chlorophenol	680	ug/Kg	UJ
SEE09061130MHS1	9/6/2010	2-Chlorophenol	680	ug/Kg	U
SEE08261445JRP1	8/26/2010	2-Chlorophenol	680	ug/Kg	U
SEE10031425JDF1	10/3/2010	2-Chlorophenol	670	ug/Kg	UJ
SEE09291035JDF1	9/29/2010	2-Chlorophenol	670	ug/Kg	U
SEE09250905RCM1	9/25/2010	2-Chlorophenol	670	ug/Kg	UJ
SEE09211530JDF1	9/21/2010	2-Chlorophenol	670	ug/Kg	UJ
SEE09131125PML1	9/13/2010	2-Chlorophenol	670	ug/Kg	U
SEE09091605PML1	9/9/2010	2-Chlorophenol	670	ug/Kg	U
SEE09041350PML1	9/4/2010	2-Chlorophenol	670	ug/Kg	U
SEE09011255PML1	9/1/2010	2-Chlorophenol	670	ug/Kg	U
SEE09170945PML1	9/17/2010	2-Chlorophenol	660	ug/Kg	U
SEE09091145PML1	9/9/2010	2-Chlorophenol	660	ug/Kg	U
SEE08301445JRP1	8/30/2010	2-Chlorophenol	660	ug/Kg	U
SEE08271500PML1	8/27/2010	2-Chlorophenol	660	ug/kg	U
SEE09091410PML1	9/9/2010	2-Chlorophenol	650	ug/Kg	U
SEE09171125PML1	9/17/2010	2-Chlorophenol	640	ug/Kg	U
SEE09051015PML1	9/5/2010	2-Chlorophenol	640	ug/Kg	U
SEE10161415JDF1	10/16/2010	2-Chlorophenol	630	ug/Kg	U
SEE10111011JDF1	10/11/2010	2-Chlorophenol	630	ug/Kg	U
SEE09130940PML1	9/13/2010	2-Chlorophenol	630	ug/Kg	U
SEE08301015JRP1	8/30/2010	2-Chlorophenol	630	ug/Kg	U



**TABLE B-2b**  
**Upstream Sediment Samples (Morrow Lake)**

Sample ID	Sample Date	Analyte	Result	Unit	Data Qualifier
SEE10121415ARM1	10/12/2010	2-Chlorophenol	620	ug/Kg	UJ
SEE10071540PML1	10/7/2010	2-Chlorophenol	620	ug/Kg	U
SEE09031115JAW1	9/3/2010	2-Chlorophenol	620	ug/Kg	U
SEE08301530JAW1	8/30/2010	2-Chlorophenol	620	ug/Kg	U
SEE10161055JDF1	10/16/2010	2-Chlorophenol	610	ug/Kg	U
SEE10071205PML1	10/7/2010	2-Chlorophenol	610	ug/Kg	U
SEE09271515JDF1	9/27/2010	2-Chlorophenol	610	ug/Kg	U
SEE09211112RCM1	9/21/2010	2-Chlorophenol	610	ug/Kg	UJ
SEE09201645ARM1	9/20/2010	2-Chlorophenol	610	ug/Kg	U
SEE09171530PML1	9/17/2010	2-Chlorophenol	610	ug/Kg	U
SEE09091010PML1	9/9/2010	2-Chlorophenol	610	ug/Kg	U
SEE09091025JRP1	9/9/2010	2-Chlorophenol	610	ug/Kg	U
SEE10111350JDF1	10/11/2010	2-Chlorophenol	600	ug/Kg	U
SEE09290925JDF1	9/29/2010	2-Chlorophenol	600	ug/Kg	U
SEE09221105JDF1	9/22/2010	2-Chlorophenol	600	ug/Kg	U
SEE09221615JDF1	9/22/2010	2-Chlorophenol	600	ug/Kg	U
SEE10151055ARM1	10/15/2010	2-Chlorophenol	590	ug/Kg	U
SEE09301255MAE1	9/30/2010	2-Chlorophenol	590	ug/Kg	U
SEE09011145PML1	9/1/2010	2-Chlorophenol	590	ug/Kg	U
SEE08291110PML1	8/29/2010	2-Chlorophenol	590	ug/kg	U
SEE10041050JDF1	10/4/2010	2-Chlorophenol	580	ug/Kg	U
SEE09231130ARM1	9/23/2010	2-Chlorophenol	580	ug/Kg	U
SEE10121030JDF1	10/12/2010	2-Chlorophenol	570	ug/Kg	UJ
SEE10041335JDF1	10/4/2010	2-Chlorophenol	570	ug/Kg	U
SEE09271025ARM1	9/27/2010	2-Chlorophenol	570	ug/Kg	U
SEE08281215PML1	8/28/2010	2-Chlorophenol	570	ug/kg	U
SEE08281420TWH1	8/28/2010	2-Chlorophenol	570	ug/kg	UJ
SEE10040945JDF1	10/4/2010	2-Chlorophenol	560	ug/Kg	U
SEE09130955JRP1	9/13/2010	2-Chlorophenol	560	ug/Kg	U
SEE09291645JDF1	9/29/2010	2-Chlorophenol	550	ug/Kg	U
SEE08281510TWH1	8/28/2010	2-Chlorophenol	540	ug/kg	UJ
SEE09141312RCM1	9/14/2010	2-Chlorophenol	530	ug/Kg	U
SEE08291421KAP1	8/29/2010	2-Chlorophenol	510	ug/kg	U
SEE08271652TWH1	8/27/2010	2-Chlorophenol	500	ug/kg	U
SEE10151355ARM1	10/15/2010	2-Chlorophenol	480	ug/Kg	U
SEE10041355ARM1	10/4/2010	2-Chlorophenol	480	ug/Kg	U
SEE09090900JRP1	9/9/2010	2-Chlorophenol	470	ug/Kg	U
SEE08311010JRP1	8/31/2010	2-Chlorophenol	470	ug/Kg	U
SEE08311348MHS1	8/31/2010	2-Chlorophenol	470	ug/Kg	U
SEE10170915JDF1	10/17/2010	2-Chlorophenol	460	ug/Kg	U
SEE10071415ARM1	10/7/2010	2-Chlorophenol	460	ug/Kg	U
SEE09291135JDF1	9/29/2010	2-Chlorophenol	460	ug/Kg	U
SEE10071151RCM1	10/7/2010	2-Chlorophenol	430	ug/Kg	U
SEE08300920JRP1	8/30/2010	2-Chlorophenol	410	ug/Kg	U
SEE08291550KAP1	8/29/2010	2-Chlorophenol	410	ug/kg	U
SEE10221450DWS1	10/22/2010	2-Chlorophenol	390	ug/Kg	U
SEE09051500MHS1	9/5/2010	2-Chlorophenol	380	ug/Kg	U
SEE10141025ARM1	10/14/2010	2-Chlorophenol	370	ug/Kg	UJ
SEE10211345JWP1	10/21/2010	2-Chlorophenol	330	ug/Kg	U
SEE10091200ARM1	10/9/2010	2-Chlorophenol	330	ug/Kg	UJ
SEE09130915JRP1	9/13/2010	2-Chlorophenol	330	ug/Kg	U
SEE08291354KAP1	8/29/2010	2-Chlorophenol	330	ug/kg	U
SEE09061610JAW1	9/6/2010	2-Chlorophenol	290	ug/Kg	U
SEE10051415ARM1	10/5/2010	2-Chlorophenol	280	ug/Kg	U
SEE10171535ARM1	10/17/2010	2-Chlorophenol	270	ug/Kg	U
SEE08291445PML1	8/29/2010	2-Chlorophenol	270	ug/kg	U
SEE08261700JRP1	8/26/2010	2-Chlorophenol	270	ug/Kg	U
SEE09100945RCM1	9/10/2010	2-Chlorophenol	260	ug/Kg	UJ
SEE08301410JRP1	8/30/2010	2-Chlorophenol	260	ug/Kg	U
SEE10011125ARM1	10/1/2010	2-Chlorophenol	250	ug/Kg	UJ

**TABLE B-2b**  
**Upstream Sediment Samples (Morrow Lake)**

Sample ID	Sample Date	Analyte	Result	Unit	Data Qualifier
SEE09211120ARM1	9/21/2010	2-Chlorophenol	250	ug/Kg	UJ
SEE09201110ARM1	9/20/2010	2-Chlorophenol	250	ug/Kg	U
SEF10221050MAE3	10/22/2010	2-Chlorophenol	240	ug/Kg	U
SEF10191135NAC3	10/19/2010	2-Chlorophenol	240	ug/Kg	U
SEE10081035ARM1	10/8/2010	2-Chlorophenol	240	ug/Kg	UJ
SEE09171200ARM1	9/17/2010	2-Chlorophenol	240	ug/Kg	U
SEF10011045TDF1	10/1/2010	2-Chlorophenol	230	ug/Kg	UJ
SEE09290915MAE1	9/29/2010	2-Chlorophenol	230	ug/Kg	U
SEE09271500ARM1	9/27/2010	2-Chlorophenol	230	ug/Kg	U
SEE09231205RCM1	9/23/2010	2-Chlorophenol	230	ug/Kg	U
SEE09200911RCM1	9/20/2010	2-Chlorophenol	230	ug/Kg	U
SEE09140945JRP1	9/14/2010	2-Chlorophenol	230	ug/Kg	U
SEE08271445JRP1	8/27/2010	2-Chlorophenol	230	ug/kg	U
SEF10081108TDF3	10/8/2010	2-Chlorophenol	220	ug/Kg	UJ
SEE10071045ARM1	10/7/2010	2-Chlorophenol	220	ug/Kg	U
SEE10041045ARM1	10/4/2010	2-Chlorophenol	220	ug/Kg	U
SEE10011043RCM1	10/1/2010	2-Chlorophenol	220	ug/Kg	UJ
SEE09281445RCM1	9/28/2010	2-Chlorophenol	220	ug/Kg	U
SEE09251235ARM1	9/25/2010	2-Chlorophenol	220	ug/Kg	UJ
SEE09231035ARM1	9/23/2010	2-Chlorophenol	220	ug/Kg	U
SEE09170935RCM1	9/17/2010	2-Chlorophenol	220	ug/Kg	U
SEE09150915JRP1	9/15/2010	2-Chlorophenol	220	ug/Kg	U
SEE09070930JRP1	9/7/2010	2-Chlorophenol	220	ug/Kg	UJ
SEB09011143JLS1	9/1/2010	2-Chlorophenol	220	ug/Kg	U
SEE08301100JRP1	8/30/2010	2-Chlorophenol	220	ug/Kg	U
SEE08271536TWH1	8/27/2010	2-Chlorophenol	220	ug/kg	U
SEE10191115JWP1	10/19/2010	2-Chlorophenol	210	ug/Kg	U
SEF10151030PMB3	10/15/2010	2-Chlorophenol	210	ug/Kg	U
SEF10121130PMB3	10/12/2010	2-Chlorophenol	210	ug/Kg	UJ
SEE10061135ARM1	10/6/2010	2-Chlorophenol	210	ug/Kg	U
SEF10051206TDF3	10/5/2010	2-Chlorophenol	210	ug/Kg	U
SEE09100920JRP1	9/10/2010	2-Chlorophenol	210	ug/Kg	UJ
SEE09051500JAW1	9/5/2010	2-Chlorophenol	210	ug/Kg	U
SEB08281400JLS1	8/28/2010	2-Chlorophenol	210	ug/kg	UJ
SEE08281540JRP1	8/28/2010	2-Chlorophenol	210	ug/kg	U
SEE10131035ARM1	10/13/2010	2-Chlorophenol	200	ug/Kg	U
SEE10121040ARM1	10/12/2010	2-Chlorophenol	200	ug/Kg	UJ
SEE10051145RCM1	10/5/2010	2-Chlorophenol	200	ug/Kg	U
SEE09301025MAE1	9/30/2010	2-Chlorophenol	200	ug/Kg	U
SEF09281139TDF1	9/28/2010	2-Chlorophenol	200	ug/Kg	U
SEE09221045ARM1	9/22/2010	2-Chlorophenol	200	ug/Kg	U
SEE09080930JRP1	9/8/2010	2-Chlorophenol	200	ug/Kg	U
SEE09011515JAW1	9/1/2010	2-Chlorophenol	200	ug/Kg	U
SEE10181030JWP1	10/18/2010	2-Chlorophenol	190	ug/Kg	U
ML-07-S-081810	8/18/2010	2-Chlorophenol	0.37	mg/Kg	UJ
ML-06-S-082310	8/23/2010	2-Chlorophenol	0.33	mg/Kg	U
ML-04-S-081710	8/17/2010	2-Chlorophenol	0.32	mg/Kg	U
ML-04-S-082610	8/26/2010	2-Chlorophenol	0.31	mg/Kg	U
ML-03-S-082310	8/23/2010	2-Chlorophenol	0.31	mg/Kg	U
ML-10-S-081910	8/19/2010	2-Chlorophenol	0.31	mg/Kg	U
ML-10-S-081910	8/19/2010	2-Chlorophenol	0.31	mg/Kg	U
ML-09-S-081810	8/18/2010	2-Chlorophenol	0.31	mg/Kg	UJ
ML-06-S-081710	8/17/2010	2-Chlorophenol	0.31	mg/Kg	U
ML-10-S-082610	8/26/2010	2-Chlorophenol	0.30	mg/Kg	U
ML-10-S-082610	8/26/2010	2-Chlorophenol	0.30	mg/Kg	U
ML-05-S-082310	8/23/2010	2-Chlorophenol	0.28	mg/Kg	U
ML-01-S-081910	8/19/2010	2-Chlorophenol	0.27	mg/Kg	U
ML-05-S-081710	8/17/2010	2-Chlorophenol	0.26	mg/Kg	U
ML-02-S-082310	8/23/2010	2-Chlorophenol	0.25	mg/Kg	U
ML-02-S-081710	8/17/2010	2-Chlorophenol	0.24	mg/Kg	U

**TABLE B-2b**  
**Upstream Sediment Samples (Morrow Lake)**

Sample ID	Sample Date	Analyte	Result	Unit	Data Qualifier
ML-06-S-082510	8/25/2010	2-Chlorophenol	0.18	mg/Kg	U
ML-07-S-082410	8/24/2010	2-Chlorophenol	0.18	mg/Kg	UJ
ML-07-S-082110	8/21/2010	2-Chlorophenol	0.18	mg/Kg	U
ML-05-S-082610	8/26/2010	2-Chlorophenol	0.17	mg/Kg	U
ML-07-S-082510	8/25/2010	2-Chlorophenol	0.17	mg/Kg	U
ML-08-S-082110	8/21/2010	2-Chlorophenol	0.17	mg/Kg	U
ML-07-S-081610	8/16/2010	2-Chlorophenol	0.17	mg/Kg	U
ML-08-S-081610	8/16/2010	2-Chlorophenol	0.17	mg/Kg	U
ML-08-S-082510	8/25/2010	2-Chlorophenol	0.16	mg/Kg	U
ML-08-S-082410	8/24/2010	2-Chlorophenol	0.16	mg/Kg	UJ
ML-06-S-082010	8/20/2010	2-Chlorophenol	0.16	mg/Kg	U
ML-01-S-081610	8/16/2010	2-Chlorophenol	0.16	mg/Kg	U
ML-01-S-082510	8/25/2010	2-Chlorophenol	0.15	mg/Kg	U
ML-09-S-082510	8/25/2010	2-Chlorophenol	0.15	mg/Kg	U
ML-04-S-082410	8/24/2010	2-Chlorophenol	0.15	mg/Kg	UJ
ML-10-S-082410	8/24/2010	2-Chlorophenol	0.15	mg/Kg	UJ
ML-10-S-082410	8/24/2010	2-Chlorophenol	0.15	mg/Kg	UJ
ML-09-S-082110	8/21/2010	2-Chlorophenol	0.15	mg/Kg	U
ML-10-S-082110	8/21/2010	2-Chlorophenol	0.15	mg/Kg	U
ML-10-S-082110	8/21/2010	2-Chlorophenol	0.15	mg/Kg	U
ML-05-S-082010	8/20/2010	2-Chlorophenol	0.15	mg/Kg	U
ML-10-S-081610	8/16/2010	2-Chlorophenol	0.15	mg/Kg	U
ML-10-S-081610	8/16/2010	2-Chlorophenol	0.15	mg/Kg	U
ML-02-S-082510	8/25/2010	2-Chlorophenol	0.14	mg/Kg	U
ML-09-S-082410	8/24/2010	2-Chlorophenol	0.14	mg/Kg	UJ
ML-01-S-082110	8/21/2010	2-Chlorophenol	0.14	mg/Kg	U
ML-03-S-082510	8/25/2010	2-Chlorophenol	0.13	mg/Kg	U
ML-02-S-082010	8/20/2010	2-Chlorophenol	0.13	mg/Kg	U
ML-03-S-082010	8/20/2010	2-Chlorophenol	0.13	mg/Kg	U
ML-04-S-082010	8/20/2010	2-Chlorophenol	0.13	mg/Kg	U
ML-03-S-081610	8/16/2010	2-Chlorophenol	0.12	mg/Kg	U
SEE10141015JDF1	10/14/2010	2-Hexanone	690	ug/Kg	U
SEE08281607TWH1	8/28/2010	2-Hexanone	170	ug/kg	U
SEE08281505PML1	8/28/2010	2-Hexanone	150	ug/kg	U
SEE08271215PML1	8/27/2010	2-Hexanone	140	ug/kg	U
SEE08281630RCM1	8/28/2010	2-Hexanone	130	ug/kg	U
SEE08291110PML1	8/29/2010	2-Hexanone	110	ug/kg	U
SEE08261420RCM1	8/26/2010	2-Hexanone	110	ug/kg	U
SEE08271500PML1	8/27/2010	2-Hexanone	91	ug/kg	U
SEE08281215PML1	8/28/2010	2-Hexanone	87	ug/kg	U
SEE08281420TWH1	8/28/2010	2-Hexanone	85	ug/kg	U
SEE08291421KAP1	8/29/2010	2-Hexanone	81	ug/kg	U
SEE08271145RCM1	8/27/2010	2-Hexanone	80	ug/kg	U
SEE08281510TWH1	8/28/2010	2-Hexanone	68	ug/kg	U
SEE08291550KAP1	8/29/2010	2-Hexanone	61	ug/kg	U
SEE09200945PML1	9/20/2010	2-Hexanone	60	ug/Kg	U
SEE09200945PML1	9/20/2010	2-Hexanone	60	ug/Kg	U
SEE09201115RCM1	9/20/2010	2-Hexanone	58	ug/Kg	U
SEE08261620RCM1	8/26/2010	2-Hexanone	56	ug/kg	U
SEE09201645ARM1	9/20/2010	2-Hexanone	48	ug/Kg	U
SEE10071042RCM1	10/7/2010	2-Hexanone	45	ug/Kg	U
SEE09061500PML1	9/6/2010	2-Hexanone	45	ug/Kg	U
SEE09301105JDF1	9/30/2010	2-Hexanone	42	ug/Kg	U
SEE09181705PML1	9/18/2010	2-Hexanone	42	ug/Kg	U
SEE08291445PML1	8/29/2010	2-Hexanone	42	ug/kg	U
SEE09021400PML1	9/2/2010	2-Hexanone	41	ug/Kg	U
SEE08301130PML1	8/30/2010	2-Hexanone	41	ug/Kg	U
SEE10091401PML1	10/9/2010	2-Hexanone	40	ug/Kg	U
SEE10181035JDF1	10/18/2010	2-Hexanone	39	ug/Kg	U
SEE10051125PML1	10/5/2010	2-Hexanone	39	ug/Kg	U

**TABLE B-2b**  
**Upstream Sediment Samples (Morrow Lake)**

Sample ID	Sample Date	Analyte	Result	Unit	Data Qualifier
SEE08311045PML1	8/31/2010	2-Hexanone	39	ug/Kg	U
SEE10141555ARM1	10/14/2010	2-Hexanone	38	ug/Kg	U
SEE09101215PML1	9/10/2010	2-Hexanone	38	ug/Kg	U
SEE10161530JDF1	10/16/2010	2-Hexanone	37	ug/Kg	U
SEE10081115PML1	10/8/2010	2-Hexanone	37	ug/Kg	U
SEE09030925PML1	9/3/2010	2-Hexanone	37	ug/Kg	U
SEE09031115JAW1	9/3/2010	2-Hexanone	37	ug/Kg	U
SEE08291354KAP1	8/29/2010	2-Hexanone	37	ug/kg	U
SEE10171410JDF1	10/17/2010	2-Hexanone	36	ug/Kg	U
SEE09191530PML1	9/19/2010	2-Hexanone	36	ug/Kg	U
SEE09181235PML1	9/18/2010	2-Hexanone	36	ug/Kg	U
SEE09141135PML1	9/14/2010	2-Hexanone	36	ug/Kg	U
SEE09101022PML1	9/10/2010	2-Hexanone	36	ug/Kg	U
ML-07-S-082510	8/25/2010	2-Hexanone	36	mg/Kg	U
SEE10171115JDF1	10/17/2010	2-Hexanone	35	ug/Kg	U
SEE08311420PML1	8/31/2010	2-Hexanone	35	ug/Kg	U
SEE08311420PML1	8/31/2010	2-Hexanone	35	ug/Kg	U
SEE10041530JDF1	10/4/2010	2-Hexanone	34	ug/Kg	U
SEE09121105RCM1	9/12/2010	2-Hexanone	34	ug/Kg	U
SEE09011545PML1	9/1/2010	2-Hexanone	34	ug/Kg	U
SEE08301550PML1	8/30/2010	2-Hexanone	34	ug/Kg	U
SEE10181210JDF1	10/18/2010	2-Hexanone	33	ug/Kg	U
SEE10181430JWP1	10/18/2010	2-Hexanone	33	ug/Kg	U
SEE10181510JDF1	10/18/2010	2-Hexanone	33	ug/Kg	U
SEE10181510JDF1	10/18/2010	2-Hexanone	33	ug/Kg	U
SEE10131150JDF1	10/13/2010	2-Hexanone	33	ug/Kg	U
SEE10101010PML1	10/10/2010	2-Hexanone	33	ug/Kg	U
SEE10101215PML1	10/10/2010	2-Hexanone	33	ug/Kg	U
SEE10101215PML1	10/10/2010	2-Hexanone	33	ug/Kg	U
SEE09140945PML1	9/14/2010	2-Hexanone	33	ug/Kg	U
SEE09061525MHS1	9/6/2010	2-Hexanone	33	ug/Kg	U
SEE09051130PML1	9/5/2010	2-Hexanone	33	ug/Kg	U
SEE09031100PML1	9/3/2010	2-Hexanone	33	ug/Kg	U
SEE09021010PML1	9/2/2010	2-Hexanone	33	ug/Kg	U
SEE10031115JDF1	10/3/2010	2-Hexanone	32	ug/Kg	U
SEE10031115JDF1	10/3/2010	2-Hexanone	32	ug/Kg	U
SEE09301205RCM1	9/30/2010	2-Hexanone	32	ug/Kg	U
SEE09301255JDF1	9/30/2010	2-Hexanone	32	ug/Kg	U
SEE09231645JDF1	9/23/2010	2-Hexanone	32	ug/Kg	U
SEE09141515PML1	9/14/2010	2-Hexanone	32	ug/Kg	U
SEE09101625PML1	9/10/2010	2-Hexanone	32	ug/Kg	U
SEE09091005RCM1	9/9/2010	2-Hexanone	32	ug/Kg	U
SEE09061105PML1	9/6/2010	2-Hexanone	32	ug/Kg	U
SEE09031650PML1	9/3/2010	2-Hexanone	32	ug/Kg	U
SEE09031650PML1	9/3/2010	2-Hexanone	32	ug/Kg	U
SEE10081231PML1	10/8/2010	2-Hexanone	31	ug/Kg	U
SEE09231210JDF1	9/23/2010	2-Hexanone	31	ug/Kg	U
SEE09161045PML1	9/16/2010	2-Hexanone	31	ug/Kg	U
SEE09081205PML1	9/8/2010	2-Hexanone	31	ug/Kg	U
SEE09071050PML1	9/7/2010	2-Hexanone	31	ug/Kg	U
SEE08301145MHS1	8/30/2010	2-Hexanone	31	ug/Kg	U
SEE08271614TWH1	8/27/2010	2-Hexanone	31	ug/kg	U
SEE08271652TWH1	8/27/2010	2-Hexanone	31	ug/kg	U
SEE10161115ARM1	10/16/2010	2-Hexanone	30	ug/Kg	U
SEE10120930JDF1	10/12/2010	2-Hexanone	30	ug/Kg	U
SEE10071101PML1	10/7/2010	2-Hexanone	30	ug/Kg	U
SEE09261625JDF1	9/26/2010	2-Hexanone	30	ug/Kg	U
SEE09261625JDF1	9/26/2010	2-Hexanone	30	ug/Kg	U
SEE09131445RCM1	9/13/2010	2-Hexanone	30	ug/Kg	U
SEE09121055PML1	9/12/2010	2-Hexanone	30	ug/Kg	U

**TABLE B-2b**  
**Upstream Sediment Samples (Morrow Lake)**

Sample ID	Sample Date	Analyte	Result	Unit	Data Qualifier
SEE09121055PML1	9/12/2010	2-Hexanone	30	ug/Kg	U
SEE09121436RCM1	9/12/2010	2-Hexanone	30	ug/Kg	U
SEE09091410RCM1	9/9/2010	2-Hexanone	30	ug/Kg	U
SEE09011050PML1	9/1/2010	2-Hexanone	30	ug/Kg	U
SEE10081051RCM1	10/8/2010	2-Hexanone	29	ug/Kg	U
SEE10061640PML1	10/6/2010	2-Hexanone	29	ug/Kg	U
SEE10061640PML1	10/6/2010	2-Hexanone	29	ug/Kg	U
SEE10051653PML1	10/5/2010	2-Hexanone	29	ug/Kg	U
SEE09261215JDF1	9/26/2010	2-Hexanone	29	ug/Kg	U
SEE09231130ARM1	9/23/2010	2-Hexanone	29	ug/Kg	U
SEE09191040PML1	9/19/2010	2-Hexanone	29	ug/Kg	U
SEE09131026RCM1	9/13/2010	2-Hexanone	29	ug/Kg	U
SEE09131505PML1	9/13/2010	2-Hexanone	29	ug/Kg	U
SEE09040950PML1	9/4/2010	2-Hexanone	29	ug/Kg	U
SEE10011120JDF1	10/1/2010	2-Hexanone	28	ug/Kg	U
SEE09211155JDF1	9/21/2010	2-Hexanone	28	ug/Kg	U
SEE09171415PML1	9/17/2010	2-Hexanone	28	ug/Kg	U
SEE09151145PML1	9/15/2010	2-Hexanone	28	ug/Kg	U
SEE09151145PML1	9/15/2010	2-Hexanone	28	ug/Kg	U
SEE09131620PML1	9/13/2010	2-Hexanone	28	ug/Kg	U
SEE09121450PML1	9/12/2010	2-Hexanone	28	ug/Kg	U
SEE09091515PML1	9/9/2010	2-Hexanone	28	ug/Kg	U
SEE09081010PML1	9/8/2010	2-Hexanone	28	ug/Kg	U
SEE09081020RCM1	9/8/2010	2-Hexanone	28	ug/Kg	U
SEE09011255PML1	9/1/2010	2-Hexanone	28	ug/Kg	U
SEE08301015JRP1	8/30/2010	2-Hexanone	28	ug/Kg	U
SEE10091614PML1	10/9/2010	2-Hexanone	27	ug/Kg	U
SEE10061205PML1	10/6/2010	2-Hexanone	27	ug/Kg	U
SEE10041150JDF1	10/4/2010	2-Hexanone	27	ug/Kg	U
SEE09251135JDF1	9/25/2010	2-Hexanone	27	ug/Kg	U
SEE09221440JDF1	9/22/2010	2-Hexanone	27	ug/Kg	U
SEE09170839RCM1	9/17/2010	2-Hexanone	27	ug/Kg	U
SEE09151015PML1	9/15/2010	2-Hexanone	27	ug/Kg	U
SEE10141150JDF1	10/14/2010	2-Hexanone	26	ug/Kg	U
SEE10141550JDF1	10/14/2010	2-Hexanone	26	ug/Kg	U
SEE10141550JDF1	10/14/2010	2-Hexanone	26	ug/Kg	U
SEE10121155JDF1	10/12/2010	2-Hexanone	26	ug/Kg	U
SEE09271130JDF1	9/27/2010	2-Hexanone	26	ug/Kg	U
SEE09131125PML1	9/13/2010	2-Hexanone	26	ug/Kg	U
SEE09091010PML1	9/9/2010	2-Hexanone	26	ug/Kg	U
SEE09091145PML1	9/9/2010	2-Hexanone	26	ug/Kg	U
SEE09091410PML1	9/9/2010	2-Hexanone	26	ug/Kg	U
SEE09061130MHS1	9/6/2010	2-Hexanone	26	ug/Kg	U
SEE09011145PML1	9/1/2010	2-Hexanone	26	ug/Kg	U
SEE08301638MHS1	8/30/2010	2-Hexanone	26	ug/Kg	U
SEE10151055ARM1	10/15/2010	2-Hexanone	25	ug/Kg	U
SEE10121415ARM1	10/12/2010	2-Hexanone	25	ug/Kg	U
SEE10111125JDF1	10/11/2010	2-Hexanone	25	ug/Kg	U
SEE10031425JDF1	10/3/2010	2-Hexanone	25	ug/Kg	U
SEE09291035JDF1	9/29/2010	2-Hexanone	25	ug/Kg	U
SEE09220935RCM1	9/22/2010	2-Hexanone	25	ug/Kg	U
SEE09111015PML1	9/11/2010	2-Hexanone	25	ug/Kg	U
SEE09051015PML1	9/5/2010	2-Hexanone	25	ug/Kg	U
SEE08301445JRP1	8/30/2010	2-Hexanone	25	ug/Kg	U
SEE08271536TWH1	8/27/2010	2-Hexanone	25	ug/kg	U
SEE10161415JDF1	10/16/2010	2-Hexanone	24	ug/Kg	U
SEE10040945JDF1	10/4/2010	2-Hexanone	24	ug/Kg	U
SEE09230955RCM1	9/23/2010	2-Hexanone	24	ug/Kg	U
SEE09211530JDF1	9/21/2010	2-Hexanone	24	ug/Kg	U
SEE09170945PML1	9/17/2010	2-Hexanone	24	ug/Kg	U

**TABLE B-2b**  
**Upstream Sediment Samples (Morrow Lake)**

Sample ID	Sample Date	Analyte	Result	Unit	Data Qualifier
SEE09171125PML1	9/17/2010	2-Hexanone	24	ug/Kg	U
SEE09130955JRP1	9/13/2010	2-Hexanone	24	ug/Kg	U
SEE09091605PML1	9/9/2010	2-Hexanone	24	ug/Kg	U
SEE09041350PML1	9/4/2010	2-Hexanone	24	ug/Kg	U
SEE10071205PML1	10/7/2010	2-Hexanone	23	ug/Kg	U
SEE10071540PML1	10/7/2010	2-Hexanone	23	ug/Kg	U
SEE10041335JDF1	10/4/2010	2-Hexanone	23	ug/Kg	U
SEE09271025ARM1	9/27/2010	2-Hexanone	23	ug/Kg	U
SEE09171530PML1	9/17/2010	2-Hexanone	23	ug/Kg	U
SEE09051430PML1	9/5/2010	2-Hexanone	23	ug/Kg	U
SEE10150945JDF1	10/15/2010	2-Hexanone	22	ug/Kg	U
SEE10111011JDF1	10/11/2010	2-Hexanone	22	ug/Kg	U
SEE10111350JDF1	10/11/2010	2-Hexanone	22	ug/Kg	U
SEE10061051RCM1	10/6/2010	2-Hexanone	22	ug/Kg	U
SEE10041355ARM1	10/4/2010	2-Hexanone	22	ug/Kg	U
SEE09271515JDF1	9/27/2010	2-Hexanone	22	ug/Kg	U
SEE09221105JDF1	9/22/2010	2-Hexanone	22	ug/Kg	U
SEE09130940PML1	9/13/2010	2-Hexanone	22	ug/Kg	U
SEE08281540JRP1	8/28/2010	2-Hexanone	22	ug/kg	U
SEE10121030JDF1	10/12/2010	2-Hexanone	21	ug/Kg	U
SEE09290925JDF1	9/29/2010	2-Hexanone	21	ug/Kg	U
SEE09091025JRP1	9/9/2010	2-Hexanone	21	ug/Kg	U
SEE09011635PML1	9/1/2010	2-Hexanone	21	ug/Kg	U
SEE08301520JRP1	8/30/2010	2-Hexanone	21	ug/Kg	U
SEE08261445JRP1	8/26/2010	2-Hexanone	21	ug/Kg	U
ML-03-S-082510	8/25/2010	2-Hexanone	21	mg/Kg	U
ML-06-S-082510	8/25/2010	2-Hexanone	21	mg/Kg	U
ML-07-S-082410	8/24/2010	2-Hexanone	21	mg/Kg	UJ
SEE10161055JDF1	10/16/2010	2-Hexanone	20	ug/Kg	U
SEE10151355ARM1	10/15/2010	2-Hexanone	20	ug/Kg	U
SEE10071415ARM1	10/7/2010	2-Hexanone	20	ug/Kg	U
SEE09031140MHS1	9/3/2010	2-Hexanone	20	ug/Kg	U
SEB08281400JLS1	8/28/2010	2-Hexanone	20	ug/kg	U
SEE10041050JDF1	10/4/2010	2-Hexanone	19	ug/Kg	U
SEE09301255MAE1	9/30/2010	2-Hexanone	19	ug/Kg	U
SEE09291645JDF1	9/29/2010	2-Hexanone	19	ug/Kg	U
SEE09051550MHS1	9/5/2010	2-Hexanone	19	ug/Kg	U
SEE09031645MHS1	9/3/2010	2-Hexanone	19	ug/Kg	U
ML-08-S-082410	8/24/2010	2-Hexanone	19	mg/Kg	UJ
ML-06-S-082310	8/23/2010	2-Hexanone	19	mg/Kg	U
ML-08-S-082110	8/21/2010	2-Hexanone	19	mg/Kg	U
ML-06-S-082010	8/20/2010	2-Hexanone	19	mg/Kg	U
ML-10-S-081910	8/19/2010	2-Hexanone	19	mg/Kg	U
ML-10-S-081910	8/19/2010	2-Hexanone	19	mg/Kg	U
ML-09-S-081810	8/18/2010	2-Hexanone	19	mg/Kg	UJ
SEE10041138RCM1	10/4/2010	2-Hexanone	18	ug/Kg	U
SEE09221615JDF1	9/22/2010	2-Hexanone	18	ug/Kg	U
SEE09191445RCM1	9/19/2010	2-Hexanone	18	ug/Kg	U
SEE08311010JRP1	8/31/2010	2-Hexanone	18	ug/Kg	U
ML-08-S-082510	8/25/2010	2-Hexanone	18	mg/Kg	U
ML-10-S-082410	8/24/2010	2-Hexanone	18	mg/Kg	UJ
ML-10-S-082410	8/24/2010	2-Hexanone	18	mg/Kg	UJ
ML-07-S-082110	8/21/2010	2-Hexanone	18	mg/Kg	U
ML-10-S-082110	8/21/2010	2-Hexanone	18	mg/Kg	U
ML-10-S-082110	8/21/2010	2-Hexanone	18	mg/Kg	U
ML-07-S-081810	8/18/2010	2-Hexanone	18	mg/Kg	UJ
SEE09250905RCM1	9/25/2010	2-Hexanone	17	ug/Kg	U
SEE09200911RCM1	9/20/2010	2-Hexanone	17	ug/Kg	U
SEE09090900JRP1	9/9/2010	2-Hexanone	17	ug/Kg	U
SEE09011545MHS1	9/1/2010	2-Hexanone	17	ug/Kg	U

**TABLE B-2b**  
**Upstream Sediment Samples (Morrow Lake)**

Sample ID	Sample Date	Analyte	Result	Unit	Data Qualifier
ML-04-S-082410	8/24/2010	2-Hexanone	17	mg/Kg	UJ
ML-03-S-082310	8/23/2010	2-Hexanone	17	mg/Kg	U
ML-10-S-082110-D	8/21/2010	2-Hexanone	17	mg/Kg	U
ML-10-S-082110-D	8/21/2010	2-Hexanone	17	mg/Kg	U
ML-05-S-082010	8/20/2010	2-Hexanone	17	mg/Kg	U
ML-01-S-081610	8/16/2010	2-Hexanone	17	mg/Kg	U
ML-07-S-081610	8/16/2010	2-Hexanone	17	mg/Kg	U
ML-08-S-081610-D	8/16/2010	2-Hexanone	17	mg/Kg	U
ML-10-S-081610	8/16/2010	2-Hexanone	17	mg/Kg	U
ML-10-S-081610	8/16/2010	2-Hexanone	17	mg/Kg	U
SEE10170915JDF1	10/17/2010	2-Hexanone	16	ug/Kg	U
SEE09291135JDF1	9/29/2010	2-Hexanone	16	ug/Kg	U
SEE09260930RCM1	9/26/2010	2-Hexanone	16	ug/Kg	U
ML-04-S-082610	8/26/2010	2-Hexanone	16	mg/Kg	U
ML-10-S-082610	8/26/2010	2-Hexanone	16	mg/Kg	U
ML-10-S-082610	8/26/2010	2-Hexanone	16	mg/Kg	U
ML-01-S-082510	8/25/2010	2-Hexanone	16	mg/Kg	U
ML-09-S-082510	8/25/2010	2-Hexanone	16	mg/Kg	U
ML-05-S-082310	8/23/2010	2-Hexanone	16	mg/Kg	U
ML-02-S-081710	8/17/2010	2-Hexanone	16	mg/Kg	U
ML-06-S-081710	8/17/2010	2-Hexanone	16	mg/Kg	U
ML-08-S-081610	8/16/2010	2-Hexanone	16	mg/Kg	U
SEE09201110ARM1	9/20/2010	2-Hexanone	15	ug/Kg	U
SEE08301530JAW1	8/30/2010	2-Hexanone	15	ug/Kg	U
ML-09-S-082410	8/24/2010	2-Hexanone	15	mg/Kg	UJ
SEE10071151RCM1	10/7/2010	2-Hexanone	14	ug/Kg	U
SEE09211112RCM1	9/21/2010	2-Hexanone	14	ug/Kg	U
SEE08311348MHS1	8/31/2010	2-Hexanone	14	ug/Kg	U
SEE08300920JRP1	8/30/2010	2-Hexanone	14	ug/Kg	U
ML-02-S-082510	8/25/2010	2-Hexanone	14	mg/Kg	U
ML-01-S-082110	8/21/2010	2-Hexanone	14	mg/Kg	U
ML-09-S-082110	8/21/2010	2-Hexanone	14	mg/Kg	U
ML-04-S-081710	8/17/2010	2-Hexanone	14	mg/Kg	U
ML-02-S-082310	8/23/2010	2-Hexanone	13	mg/Kg	U
ML-01-S-081910	8/19/2010	2-Hexanone	13	mg/Kg	U
ML-05-S-081710	8/17/2010	2-Hexanone	13	mg/Kg	U
SEE10141025ARM1	10/14/2010	2-Hexanone	12	ug/Kg	U
SEE09130915JRP1	9/13/2010	2-Hexanone	12	ug/Kg	U
ML-04-S-082010	8/20/2010	2-Hexanone	12	mg/Kg	U
SEE10091200ARM1	10/9/2010	2-Hexanone	11	ug/Kg	U
SEE09291023RCM1	9/29/2010	2-Hexanone	11	ug/Kg	U
SEE09171445RCM1	9/17/2010	2-Hexanone	11	ug/Kg	U
SEE09161035RCM1	9/16/2010	2-Hexanone	11	ug/Kg	U
SEE08271445JRP1	8/27/2010	2-Hexanone	11	ug/kg	U
ML-02-S-082010	8/20/2010	2-Hexanone	11	mg/Kg	U
ML-03-S-081610	8/16/2010	2-Hexanone	11	mg/Kg	U
SEE09141312RCM1	9/14/2010	2-Hexanone	10	ug/Kg	U
ML-03-S-082010	8/20/2010	2-Hexanone	9.5	mg/Kg	U
SEE10051415ARM1	10/5/2010	2-Hexanone	8.7	ug/Kg	U
SEE09061610JAW1	9/6/2010	2-Hexanone	8.5	ug/Kg	U
ML-05-S-082610	8/26/2010	2-Hexanone	8.3	mg/Kg	U
SEE10011125ARM1	10/1/2010	2-Hexanone	8.2	ug/Kg	U
SEE08261700JRP1	8/26/2010	2-Hexanone	8.2	ug/Kg	U
SEE09051500MHS1	9/5/2010	2-Hexanone	8.0	ug/Kg	U
SEE10171535ARM1	10/17/2010	2-Hexanone	7.9	ug/Kg	U
SEE09231035ARM1	9/23/2010	2-Hexanone	7.9	ug/Kg	U
SEE09171200ARM1	9/17/2010	2-Hexanone	7.9	ug/Kg	U
SEE10081035ARM1	10/8/2010	2-Hexanone	7.6	ug/Kg	U
SEE09100945RCM1	9/10/2010	2-Hexanone	7.5	ug/Kg	U
SEE09211120ARM1	9/21/2010	2-Hexanone	7.4	ug/Kg	U

**TABLE B-2b**  
**Upstream Sediment Samples (Morrow Lake)**

Sample ID	Sample Date	Analyte	Result	Unit	Data Qualifier
SEB09011143JLS1	9/1/2010	2-Hexanone	7.1	ug/Kg	U
SEE08301410JRP1	8/30/2010	2-Hexanone	7.0	ug/Kg	U
SEE09281445RCM1	9/28/2010	2-Hexanone	6.5	ug/Kg	U
SEE09271500ARM1	9/27/2010	2-Hexanone	6.2	ug/Kg	U
SEE09170935RCM1	9/17/2010	2-Hexanone	6.1	ug/Kg	U
SEF10011045TDF1	10/1/2010	2-Hexanone	6.0	ug/Kg	U
SEE09150915JRP1	9/15/2010	2-Hexanone	6.0	ug/Kg	U
SEE10011043RCM1	10/1/2010	2-Hexanone	5.8	ug/Kg	U
SEE09290915MAE1	9/29/2010	2-Hexanone	5.8	ug/Kg	U
SEE10131035ARM1	10/13/2010	2-Hexanone	5.5	ug/Kg	U
SEE10071045ARM1	10/7/2010	2-Hexanone	5.5	ug/Kg	U
SEE10041045ARM1	10/4/2010	2-Hexanone	5.5	ug/Kg	U
SEF10151030PMB3	10/15/2010	2-Hexanone	5.4	ug/Kg	U
SEF10081108TDF3	10/8/2010	2-Hexanone	5.4	ug/Kg	U
SEE09251235ARM1	9/25/2010	2-Hexanone	5.4	ug/Kg	U
SEF10051206TDF3	10/5/2010	2-Hexanone	5.3	ug/Kg	U
SEE09140945JRP1	9/14/2010	2-Hexanone	5.3	ug/Kg	U
SEE09080930JRP1	9/8/2010	2-Hexanone	5.3	ug/Kg	U
SEE09011515JAW1	9/1/2010	2-Hexanone	5.3	ug/Kg	U
SEE08301100JRP1	8/30/2010	2-Hexanone	5.3	ug/Kg	U
SEE10121040ARM1	10/12/2010	2-Hexanone	5.2	ug/Kg	U
SEF10121130PMB3	10/12/2010	2-Hexanone	5.2	ug/Kg	U
SEE09221045ARM1	9/22/2010	2-Hexanone	5.2	ug/Kg	U
SEE09100920JRP1	9/10/2010	2-Hexanone	5.1	ug/Kg	U
SEE09301025MAE1	9/30/2010	2-Hexanone	5.0	ug/Kg	U
SEE09051500JAW1	9/5/2010	2-Hexanone	5.0	ug/Kg	U
SEE10051145RCM1	10/5/2010	2-Hexanone	4.9	ug/Kg	U
SEE09070930JRP1	9/7/2010	2-Hexanone	4.9	ug/Kg	U
SEE10061135ARM1	10/6/2010	2-Hexanone	4.8	ug/Kg	U
SEE10181030JWP1	10/18/2010	2-Hexanone	4.6	ug/Kg	U
SEF09281139TDF1	9/28/2010	2-Hexanone	4.3	ug/Kg	U
SEE09231205RCM1	9/23/2010	2-Hexanone	3.3	ug/Kg	U
SEE09051430PML1	9/5/2010	2-Methylnaphthalene	3000	ug/Kg	U
SEE09011635PML1	9/1/2010	2-Methylnaphthalene	3000	ug/Kg	U
SEE10211035JDF1	10/21/2010	2-Methylnaphthalene	1900	ug/Kg	U
SEE10191515JDF1	10/19/2010	2-Methylnaphthalene	1700	ug/Kg	U
SEE10221110JDF1	10/22/2010	2-Methylnaphthalene	1600	ug/Kg	U
SEE10221110JDF1	10/22/2010	2-Methylnaphthalene	1600	ug/Kg	U
SEE10211430JDF1	10/21/2010	2-Methylnaphthalene	1600	ug/Kg	U
SEE10191005JDF1	10/19/2010	2-Methylnaphthalene	1600	ug/Kg	U
SEE08271145RCM1	8/27/2010	2-Methylnaphthalene	1600	ug/kg	U
SEE10191155JDF1	10/19/2010	2-Methylnaphthalene	1500	ug/Kg	U
SEE10191415JDF1	10/19/2010	2-Methylnaphthalene	1500	ug/Kg	U
SEE10221055DWS1	10/22/2010	2-Methylnaphthalene	1400	ug/Kg	U
SEE10211010JWP1	10/21/2010	2-Methylnaphthalene	1400	ug/Kg	U
SEE10191010JWP1	10/19/2010	2-Methylnaphthalene	1400	ug/Kg	U
SEE10191100JDF1	10/19/2010	2-Methylnaphthalene	1400	ug/Kg	U
SEE08261620RCM1	8/26/2010	2-Methylnaphthalene	1400	ug/kg	U
SEE08261420RCM1	8/26/2010	2-Methylnaphthalene	1200	ug/kg	U
SEE10051125PML1	10/5/2010	2-Methylnaphthalene	930	ug/Kg	U
SEE09061500PML1	9/6/2010	2-Methylnaphthalene	920	ug/Kg	U
SEE09021400PML1	9/2/2010	2-Methylnaphthalene	920	ug/Kg	U
SEE09301105JDF1	9/30/2010	2-Methylnaphthalene	910	ug/Kg	U
SEE08301130PML1	8/30/2010	2-Methylnaphthalene	910	ug/Kg	U
SEE10171410JDF1	10/17/2010	2-Methylnaphthalene	880	ug/Kg	U
SEE09181235PML1	9/18/2010	2-Methylnaphthalene	880	ug/Kg	UJ
SEE09101022PML1	9/10/2010	2-Methylnaphthalene	880	ug/Kg	UJ
SEE09011545PML1	9/1/2010	2-Methylnaphthalene	870	ug/Kg	U
SEE09231645JDF1	9/23/2010	2-Methylnaphthalene	860	ug/Kg	U
SEE09141135PML1	9/14/2010	2-Methylnaphthalene	860	ug/Kg	U



**TABLE B-2b**  
**Upstream Sediment Samples (Morrow Lake)**

Sample ID	Sample Date	Analyte	Result	Unit	Data Qualifier
SEE09091410RCM1	9/9/2010	2-Methylnaphthalene	860	ug/Kg	U
SEE10081115PML1	10/8/2010	2-Methylnaphthalene	850	ug/Kg	U
SEE09121105RCM1	9/12/2010	2-Methylnaphthalene	850	ug/Kg	UJ
SEE09101215PML1	9/10/2010	2-Methylnaphthalene	850	ug/Kg	UJ
SEE09081020RCM1	9/8/2010	2-Methylnaphthalene	850	ug/Kg	U
SEE09031645MHS1	9/3/2010	2-Methylnaphthalene	850	ug/Kg	U
SEE09011545MHS1	9/1/2010	2-Methylnaphthalene	850	ug/Kg	U
SEE08311420PML1	8/31/2010	2-Methylnaphthalene	850	ug/Kg	U
SEE08311420PML1	8/31/2010	2-Methylnaphthalene	850	ug/Kg	U
SEE10131150JDF1	10/13/2010	2-Methylnaphthalene	840	ug/Kg	U
SEE09301255JDF1	9/30/2010	2-Methylnaphthalene	840	ug/Kg	U
SEE09030925PML1	9/3/2010	2-Methylnaphthalene	830	ug/Kg	U
SEE08281607TWH1	8/28/2010	2-Methylnaphthalene	830	ug/kg	U
SEE08281630RCM1	8/28/2010	2-Methylnaphthalene	830	ug/kg	U
SEE10091401PML1	10/9/2010	2-Methylnaphthalene	820	ug/Kg	UJ
SEE09051550MHS1	9/5/2010	2-Methylnaphthalene	820	ug/Kg	U
SEE09291023RCM1	9/29/2010	2-Methylnaphthalene	810	ug/Kg	U
SEE09121436RCM1	9/12/2010	2-Methylnaphthalene	810	ug/Kg	UJ
SEE09021010PML1	9/2/2010	2-Methylnaphthalene	810	ug/Kg	U
SEE10041530JDF1	10/4/2010	2-Methylnaphthalene	800	ug/Kg	U
SEE09101625PML1	9/10/2010	2-Methylnaphthalene	800	ug/Kg	UJ
SEE09061525MHS1	9/6/2010	2-Methylnaphthalene	800	ug/Kg	U
SEE09031100PML1	9/3/2010	2-Methylnaphthalene	800	ug/Kg	U
SEE08301638MHS1	8/30/2010	2-Methylnaphthalene	800	ug/Kg	U
SEE10181035JDF1	10/18/2010	2-Methylnaphthalene	790	ug/Kg	U
SEE10091614PML1	10/9/2010	2-Methylnaphthalene	790	ug/Kg	UJ
SEE10051653PML1	10/5/2010	2-Methylnaphthalene	790	ug/Kg	U
SEE09231210JDF1	9/23/2010	2-Methylnaphthalene	790	ug/Kg	U
SEE09141515PML1	9/14/2010	2-Methylnaphthalene	790	ug/Kg	U
SEE09131026RCM1	9/13/2010	2-Methylnaphthalene	790	ug/Kg	U
SEE09051130PML1	9/5/2010	2-Methylnaphthalene	790	ug/Kg	U
SEE08301550PML1	8/30/2010	2-Methylnaphthalene	790	ug/Kg	U
SEE10171115JDF1	10/17/2010	2-Methylnaphthalene	780	ug/Kg	U
SEE10141015JDF1	10/14/2010	2-Methylnaphthalene	780	ug/Kg	UJ
SEE09220935RCM1	9/22/2010	2-Methylnaphthalene	780	ug/Kg	U
SEE09191445RCM1	9/19/2010	2-Methylnaphthalene	780	ug/Kg	U
SEE09161045PML1	9/16/2010	2-Methylnaphthalene	780	ug/Kg	UJ
SEE09071050PML1	9/7/2010	2-Methylnaphthalene	780	ug/Kg	UJ
SEE10181510JDF1	10/18/2010	2-Methylnaphthalene	770	ug/Kg	U
SEE10181510JDF1	10/18/2010	2-Methylnaphthalene	770	ug/Kg	U
SEE10061205PML1	10/6/2010	2-Methylnaphthalene	770	ug/Kg	U
SEE10031115JDF1	10/3/2010	2-Methylnaphthalene	770	ug/Kg	U
SEE10031115JDF1	10/3/2010	2-Methylnaphthalene	770	ug/Kg	U
SEE09171415PML1	9/17/2010	2-Methylnaphthalene	770	ug/Kg	U
SEE09140945PML1	9/14/2010	2-Methylnaphthalene	770	ug/Kg	U
SEE09131445RCM1	9/13/2010	2-Methylnaphthalene	770	ug/Kg	U
SEE09131505PML1	9/13/2010	2-Methylnaphthalene	770	ug/Kg	U
SEE08301145MHS1	8/30/2010	2-Methylnaphthalene	770	ug/Kg	U
SEE10141555ARM1	10/14/2010	2-Methylnaphthalene	760	ug/Kg	UJ
SEE10101215PML1	10/10/2010	2-Methylnaphthalene	760	ug/Kg	U
SEE10101215PML1	10/10/2010	2-Methylnaphthalene	760	ug/Kg	U
SEE09170839RCM1	9/17/2010	2-Methylnaphthalene	760	ug/Kg	U
SEE09081205PML1	9/8/2010	2-Methylnaphthalene	760	ug/Kg	U
SEE09031140MHS1	9/3/2010	2-Methylnaphthalene	760	ug/Kg	U
SEE10061051RCM1	10/6/2010	2-Methylnaphthalene	750	ug/Kg	U
SEE10041138RCM1	10/4/2010	2-Methylnaphthalene	750	ug/Kg	U
SEE09251135JDF1	9/25/2010	2-Methylnaphthalene	750	ug/Kg	UJ
SEE09200945PML1	9/20/2010	2-Methylnaphthalene	750	ug/Kg	U
SEE09200945PML1	9/20/2010	2-Methylnaphthalene	750	ug/Kg	U
SEE09191040PML1	9/19/2010	2-Methylnaphthalene	750	ug/Kg	U

**TABLE B-2b**  
**Upstream Sediment Samples (Morrow Lake)**

Sample ID	Sample Date	Analyte	Result	Unit	Data Qualifier
SEE09181705PML1	9/18/2010	2-Methylnaphthalene	750	ug/Kg	UJ
SEE09091005RCM1	9/9/2010	2-Methylnaphthalene	750	ug/Kg	U
SEE09061105PML1	9/6/2010	2-Methylnaphthalene	750	ug/Kg	U
SEE09031650PML1	9/3/2010	2-Methylnaphthalene	750	ug/Kg	U
SEE09031650PML1	9/3/2010	2-Methylnaphthalene	750	ug/Kg	U
SEE10141150JDF1	10/14/2010	2-Methylnaphthalene	740	ug/Kg	UJ
SEE10101010PML1	10/10/2010	2-Methylnaphthalene	740	ug/Kg	U
SEE10081051RCM1	10/8/2010	2-Methylnaphthalene	740	ug/Kg	U
SEE09261625JDF1	9/26/2010	2-Methylnaphthalene	740	ug/Kg	U
SEE09261625JDF1	9/26/2010	2-Methylnaphthalene	740	ug/Kg	U
SEE09191530PML1	9/19/2010	2-Methylnaphthalene	740	ug/Kg	U
SEE09151145PML1	9/15/2010	2-Methylnaphthalene	740	ug/Kg	U
SEE09151145PML1	9/15/2010	2-Methylnaphthalene	740	ug/Kg	U
SEE09121055PML1	9/12/2010	2-Methylnaphthalene	740	ug/Kg	UJ
SEE09121055PML1	9/12/2010	2-Methylnaphthalene	740	ug/Kg	UJ
SEE09091515PML1	9/9/2010	2-Methylnaphthalene	740	ug/Kg	U
SEE09081010PML1	9/8/2010	2-Methylnaphthalene	740	ug/Kg	U
SEE08311045PML1	8/31/2010	2-Methylnaphthalene	740	ug/Kg	U
SEE10221450DWS1	10/22/2010	2-Methylnaphthalene	730	ug/Kg	U
SEE10161530JDF1	10/16/2010	2-Methylnaphthalene	730	ug/Kg	U
SEE10141550JDF1	10/14/2010	2-Methylnaphthalene	730	ug/Kg	UJ
SEE10141550JDF1	10/14/2010	2-Methylnaphthalene	730	ug/Kg	UJ
SEE10121155JDF1	10/12/2010	2-Methylnaphthalene	730	ug/Kg	U
SEE10011120JDF1	10/1/2010	2-Methylnaphthalene	730	ug/Kg	UJ
SEE09260930RCM1	9/26/2010	2-Methylnaphthalene	730	ug/Kg	U
SEE09230955RCM1	9/23/2010	2-Methylnaphthalene	730	ug/Kg	U
SEE09151015PML1	9/15/2010	2-Methylnaphthalene	730	ug/Kg	U
SEE09111015PML1	9/11/2010	2-Methylnaphthalene	730	ug/Kg	UJ
SEE08281505PML1	8/28/2010	2-Methylnaphthalene	730	ug/kg	U
SEE10181210JDF1	10/18/2010	2-Methylnaphthalene	720	ug/Kg	U
SEE10150945JDF1	10/15/2010	2-Methylnaphthalene	720	ug/Kg	U
SEE10120930JDF1	10/12/2010	2-Methylnaphthalene	720	ug/Kg	U
SEE10081231PML1	10/8/2010	2-Methylnaphthalene	720	ug/Kg	U
SEE10071042RCM1	10/7/2010	2-Methylnaphthalene	720	ug/Kg	U
SEE10071101PML1	10/7/2010	2-Methylnaphthalene	720	ug/Kg	U
SEE09261215JDF1	9/26/2010	2-Methylnaphthalene	720	ug/Kg	U
SEE09011050PML1	9/1/2010	2-Methylnaphthalene	720	ug/Kg	U
SEE08271215PML1	8/27/2010	2-Methylnaphthalene	720	ug/kg	U
SEE09221440JDF1	9/22/2010	2-Methylnaphthalene	710	ug/Kg	U
SEE09040950PML1	9/4/2010	2-Methylnaphthalene	710	ug/Kg	U
SEE10181430JWP1	10/18/2010	2-Methylnaphthalene	700	ug/Kg	U
SEE10161115ARM1	10/16/2010	2-Methylnaphthalene	700	ug/Kg	U
SEE10061640PML1	10/6/2010	2-Methylnaphthalene	700	ug/Kg	U
SEE10061640PML1	10/6/2010	2-Methylnaphthalene	700	ug/Kg	U
SEE09301205RCM1	9/30/2010	2-Methylnaphthalene	700	ug/Kg	U
SEE09211155JDF1	9/21/2010	2-Methylnaphthalene	700	ug/Kg	UJ
SEE09201115RCM1	9/20/2010	2-Methylnaphthalene	700	ug/Kg	U
SEE09171445RCM1	9/17/2010	2-Methylnaphthalene	700	ug/Kg	U
SEE09161035RCM1	9/16/2010	2-Methylnaphthalene	700	ug/Kg	UJ
SEE10041150JDF1	10/4/2010	2-Methylnaphthalene	690	ug/Kg	U
SEE09121450PML1	9/12/2010	2-Methylnaphthalene	690	ug/Kg	UJ
SEE08301520JRP1	8/30/2010	2-Methylnaphthalene	690	ug/Kg	U
SEE08271614TWH1	8/27/2010	2-Methylnaphthalene	690	ug/kg	U
SEE10111125JDF1	10/11/2010	2-Methylnaphthalene	680	ug/Kg	U
SEE09271130JDF1	9/27/2010	2-Methylnaphthalene	680	ug/Kg	U
SEE09131620PML1	9/13/2010	2-Methylnaphthalene	680	ug/Kg	UJ
SEE08261445JRP1	8/26/2010	2-Methylnaphthalene	680	ug/Kg	U
SEE10031425JDF1	10/3/2010	2-Methylnaphthalene	670	ug/Kg	U
SEE09291035JDF1	9/29/2010	2-Methylnaphthalene	670	ug/Kg	U
SEE09250905RCM1	9/25/2010	2-Methylnaphthalene	670	ug/Kg	UJ

**TABLE B-2b**  
**Upstream Sediment Samples (Morrow Lake)**

Sample ID	Sample Date	Analyte	Result	Unit	Data Qualifier
SEE09211530JDF1	9/21/2010	2-Methylnaphthalene	670	ug/Kg	UJ
SEE09131125PML1	9/13/2010	2-Methylnaphthalene	670	ug/Kg	U
SEE09091605PML1	9/9/2010	2-Methylnaphthalene	670	ug/Kg	U
SEE09041350PML1	9/4/2010	2-Methylnaphthalene	670	ug/Kg	U
SEE09011255PML1	9/1/2010	2-Methylnaphthalene	670	ug/Kg	U
SEE10211345JWP1	10/21/2010	2-Methylnaphthalene	660	ug/Kg	U
SEE09170945PML1	9/17/2010	2-Methylnaphthalene	660	ug/Kg	U
SEE09091145PML1	9/9/2010	2-Methylnaphthalene	660	ug/Kg	U
SEE08271500PML1	8/27/2010	2-Methylnaphthalene	660	ug/kg	U
SEE09091410PML1	9/9/2010	2-Methylnaphthalene	650	ug/Kg	U
SEE09171125PML1	9/17/2010	2-Methylnaphthalene	640	ug/Kg	U
SEE09051015PML1	9/5/2010	2-Methylnaphthalene	640	ug/Kg	U
SEE10161415JDF1	10/16/2010	2-Methylnaphthalene	630	ug/Kg	U
SEE10111011JDF1	10/11/2010	2-Methylnaphthalene	630	ug/Kg	U
SEE09130940PML1	9/13/2010	2-Methylnaphthalene	630	ug/Kg	U
SEE09031115JAW1	9/3/2010	2-Methylnaphthalene	620	ug/Kg	U
SEE08301530JAW1	8/30/2010	2-Methylnaphthalene	620	ug/Kg	U
SEE10161055JDF1	10/16/2010	2-Methylnaphthalene	610	ug/Kg	U
SEE09271515JDF1	9/27/2010	2-Methylnaphthalene	610	ug/Kg	U
SEE09211112RCM1	9/21/2010	2-Methylnaphthalene	610	ug/Kg	UJ
SEE09201645ARM1	9/20/2010	2-Methylnaphthalene	610	ug/Kg	U
SEE09171530PML1	9/17/2010	2-Methylnaphthalene	610	ug/Kg	U
SEE09091010PML1	9/9/2010	2-Methylnaphthalene	610	ug/Kg	U
SEE09091025JRP1	9/9/2010	2-Methylnaphthalene	610	ug/Kg	U
SEE09290925JDF1	9/29/2010	2-Methylnaphthalene	600	ug/Kg	U
SEE09221105JDF1	9/22/2010	2-Methylnaphthalene	600	ug/Kg	U
SEE09221615JDF1	9/22/2010	2-Methylnaphthalene	600	ug/Kg	U
SEE09301255MAE1	9/30/2010	2-Methylnaphthalene	590	ug/Kg	U
SEE09011145PML1	9/1/2010	2-Methylnaphthalene	590	ug/Kg	U
SEE08291110PML1	8/29/2010	2-Methylnaphthalene	590	ug/kg	U
SEE10041050JDF1	10/4/2010	2-Methylnaphthalene	580	ug/Kg	U
SEE09231130ARM1	9/23/2010	2-Methylnaphthalene	580	ug/Kg	U
SEE09271025ARM1	9/27/2010	2-Methylnaphthalene	570	ug/Kg	U
SEE08281215PML1	8/28/2010	2-Methylnaphthalene	570	ug/kg	U
SEE08281420TWH1	8/28/2010	2-Methylnaphthalene	570	ug/kg	U
SEE09130955JRP1	9/13/2010	2-Methylnaphthalene	560	ug/Kg	U
SEE09291645JDF1	9/29/2010	2-Methylnaphthalene	550	ug/Kg	U
SEE08281510TWH1	8/28/2010	2-Methylnaphthalene	540	ug/kg	U
SEE09141312RCM1	9/14/2010	2-Methylnaphthalene	530	ug/Kg	U
SEE08291421KAP1	8/29/2010	2-Methylnaphthalene	510	ug/kg	U
SEE08271652TWH1	8/27/2010	2-Methylnaphthalene	500	ug/kg	U
SEE10211035JDF1	10/21/2010	2-Methylnaphthalene	480	ug/Kg	UJ
SEE10041355ARM1	10/4/2010	2-Methylnaphthalene	480	ug/Kg	U
SEE08311348MHS1	8/31/2010	2-Methylnaphthalene	470	ug/Kg	U
SEF10221050MAE3	10/22/2010	2-Methylnaphthalene	460	ug/Kg	U
SEE10170915JDF1	10/17/2010	2-Methylnaphthalene	460	ug/Kg	U
SEE09291135JDF1	9/29/2010	2-Methylnaphthalene	460	ug/Kg	U
SEF10191135NAC3	10/19/2010	2-Methylnaphthalene	450	ug/Kg	U
SEE10191005JDF1	10/19/2010	2-Methylnaphthalene	440	ug/Kg	U
SEE10211430JDF1	10/21/2010	2-Methylnaphthalene	430	ug/Kg	U
SEE10071151RCM1	10/7/2010	2-Methylnaphthalene	430	ug/Kg	U
SEE10221110JDF1	10/22/2010	2-Methylnaphthalene	420	ug/Kg	U
SEE10221110JDF1	10/22/2010	2-Methylnaphthalene	420	ug/Kg	U
SEE10191515JDF1	10/19/2010	2-Methylnaphthalene	410	ug/Kg	U
SEE08300920JRP1	8/30/2010	2-Methylnaphthalene	410	ug/Kg	U
SEE10191115JWP1	10/19/2010	2-Methylnaphthalene	400	ug/Kg	U
SEE10191415JDF1	10/19/2010	2-Methylnaphthalene	400	ug/Kg	U
SEE10211010JWP1	10/21/2010	2-Methylnaphthalene	390	ug/Kg	U
SEE10191155JDF1	10/19/2010	2-Methylnaphthalene	390	ug/Kg	U
SEE09051500MHS1	9/5/2010	2-Methylnaphthalene	380	ug/Kg	U

**TABLE B-2b**  
**Upstream Sediment Samples (Morrow Lake)**

Sample ID	Sample Date	Analyte	Result	Unit	Data Qualifier
SEE10191100JDF1	10/19/2010	2-Methylnaphthalene	370	ug/Kg	U
SEE10141025ARM1	10/14/2010	2-Methylnaphthalene	370	ug/Kg	UJ
SEE10221055DWS1	10/22/2010	2-Methylnaphthalene	350	ug/Kg	U
SEE10191010JWP1	10/19/2010	2-Methylnaphthalene	350	ug/Kg	U
SEE08291354KAP1	8/29/2010	2-Methylnaphthalene	330	ug/kg	U
SEE09061610JAW1	9/6/2010	2-Methylnaphthalene	290	ug/Kg	U
SEE10141015JDF1	10/14/2010	2-Methylnaphthalene	280	ug/Kg	U
SEE08291445PML1	8/29/2010	2-Methylnaphthalene	270	ug/kg	U
SEE08261700JRP1	8/26/2010	2-Methylnaphthalene	270	ug/Kg	U
SEE09100945RCM1	9/10/2010	2-Methylnaphthalene	260	ug/Kg	UJ
SEE08301410JRP1	8/30/2010	2-Methylnaphthalene	260	ug/Kg	U
SEE10011125ARM1	10/1/2010	2-Methylnaphthalene	250	ug/Kg	UJ
SEE09211120ARM1	9/21/2010	2-Methylnaphthalene	250	ug/Kg	UJ
SEE09201110ARM1	9/20/2010	2-Methylnaphthalene	250	ug/Kg	U
SEE10081035ARM1	10/8/2010	2-Methylnaphthalene	240	ug/Kg	U
SEE09171200ARM1	9/17/2010	2-Methylnaphthalene	240	ug/Kg	U
SEF10011045TDF1	10/1/2010	2-Methylnaphthalene	230	ug/Kg	UJ
SEE09290915MAE1	9/29/2010	2-Methylnaphthalene	230	ug/Kg	U
SEE09271500ARM1	9/27/2010	2-Methylnaphthalene	230	ug/Kg	U
SEE09231205RCM1	9/23/2010	2-Methylnaphthalene	230	ug/Kg	U
SEE09200911RCM1	9/20/2010	2-Methylnaphthalene	230	ug/Kg	U
SEE09140945JRP1	9/14/2010	2-Methylnaphthalene	230	ug/Kg	U
SEE08271445JRP1	8/27/2010	2-Methylnaphthalene	230	ug/kg	U
SEF10081108TDF3	10/8/2010	2-Methylnaphthalene	220	ug/Kg	U
SEE10071045ARM1	10/7/2010	2-Methylnaphthalene	220	ug/Kg	U
SEE10041045ARM1	10/4/2010	2-Methylnaphthalene	220	ug/Kg	U
SEE10011043RCM1	10/1/2010	2-Methylnaphthalene	220	ug/Kg	UJ
SEE09281445RCM1	9/28/2010	2-Methylnaphthalene	220	ug/Kg	U
SEE09251235ARM1	9/25/2010	2-Methylnaphthalene	220	ug/Kg	UJ
SEE09231035ARM1	9/23/2010	2-Methylnaphthalene	220	ug/Kg	U
SEE09170935RCM1	9/17/2010	2-Methylnaphthalene	220	ug/Kg	U
SEE09150915JRP1	9/15/2010	2-Methylnaphthalene	220	ug/Kg	U
SEE09070930JRP1	9/7/2010	2-Methylnaphthalene	220	ug/Kg	UJ
SEB09011143JLS1	9/1/2010	2-Methylnaphthalene	220	ug/Kg	U
SEE08301100JRP1	8/30/2010	2-Methylnaphthalene	220	ug/Kg	U
SEE08271536TWH1	8/27/2010	2-Methylnaphthalene	220	ug/kg	U
SEF10151030PMB3	10/15/2010	2-Methylnaphthalene	210	ug/Kg	U
SEF10121130PMB3	10/12/2010	2-Methylnaphthalene	210	ug/Kg	U
SEE10061135ARM1	10/6/2010	2-Methylnaphthalene	210	ug/Kg	U
SEF10051206TDF3	10/5/2010	2-Methylnaphthalene	210	ug/Kg	U
SEE09100920JRP1	9/10/2010	2-Methylnaphthalene	210	ug/Kg	UJ
SEE09051500JAW1	9/5/2010	2-Methylnaphthalene	210	ug/Kg	U
SEB08281400JLS1	8/28/2010	2-Methylnaphthalene	210	ug/kg	U
SEE08281540JRP1	8/28/2010	2-Methylnaphthalene	210	ug/kg	U
SEE10131035ARM1	10/13/2010	2-Methylnaphthalene	200	ug/Kg	U
SEE10121040ARM1	10/12/2010	2-Methylnaphthalene	200	ug/Kg	U
SEE10051145RCM1	10/5/2010	2-Methylnaphthalene	200	ug/Kg	U
SEE09301025MAE1	9/30/2010	2-Methylnaphthalene	200	ug/Kg	U
SEF09281139TDF1	9/28/2010	2-Methylnaphthalene	200	ug/Kg	U
SEE09221045ARM1	9/22/2010	2-Methylnaphthalene	200	ug/Kg	U
SEE09080930JRP1	9/8/2010	2-Methylnaphthalene	200	ug/Kg	U
SEE09011515JAW1	9/1/2010	2-Methylnaphthalene	200	ug/Kg	U
SEE10221450DWS1	10/22/2010	2-Methylnaphthalene	190	ug/Kg	U
SEE10181030JWP1	10/18/2010	2-Methylnaphthalene	190	ug/Kg	U
SEE10211345JWP1	10/21/2010	2-Methylnaphthalene	160	ug/Kg	U
SEF10221050MAE3	10/22/2010	2-Methylnaphthalene	120	ug/Kg	U
SEF10191135NAC3	10/19/2010	2-Methylnaphthalene	120	ug/Kg	U
SEE10191115JWP1	10/19/2010	2-Methylnaphthalene	100	ug/Kg	U
SEE08281607TWH1	8/28/2010	2-Methylnaphthalene	87	ug/kg	U
SEE10151355ARM1	10/15/2010	2-Methylnaphthalene	74	ug/Kg	J

**TABLE B-2b**  
**Upstream Sediment Samples (Morrow Lake)**

Sample ID	Sample Date	Analyte	Result	Unit	Data Qualifier
SEE08281505PML1	8/28/2010	2-Methylnaphthalene	73	ug/kg	U
SEE08271215PML1	8/27/2010	2-Methylnaphthalene	70	ug/kg	U
SEE08281630RCM1	8/28/2010	2-Methylnaphthalene	66	ug/kg	U
SEE10121415ARM1	10/12/2010	2-Methylnaphthalene	63	ug/Kg	J
SEE09200945PML1	9/20/2010	2-Methylnaphthalene	60	ug/Kg	U
SEE09200945PML1	9/20/2010	2-Methylnaphthalene	60	ug/Kg	U
SEE09201115RCM1	9/20/2010	2-Methylnaphthalene	58	ug/Kg	U
SEE10071205PML1	10/7/2010	2-Methylnaphthalene	57	ug/Kg	J
SEE10071540PML1	10/7/2010	2-Methylnaphthalene	56	ug/Kg	J
SEE09061130MHS1	9/6/2010	2-Methylnaphthalene	55	ug/Kg	J
SEE08261420RCM1	8/26/2010	2-Methylnaphthalene	55	ug/kg	U
SEE10111350JDF1	10/11/2010	2-Methylnaphthalene	54	ug/Kg	J
SEE08311010JRP1	8/31/2010	2-Methylnaphthalene	54	ug/Kg	J
SEE08291110PML1	8/29/2010	2-Methylnaphthalene	54	ug/kg	U
SEE10171535ARM1	10/17/2010	2-Methylnaphthalene	52	ug/Kg	J
SEE08301015JRP1	8/30/2010	2-Methylnaphthalene	51	ug/Kg	J
SEE08301445JRP1	8/30/2010	2-Methylnaphthalene	51	ug/Kg	J
SEE10041335JDF1	10/4/2010	2-Methylnaphthalene	48	ug/Kg	J
SEE09201645ARM1	9/20/2010	2-Methylnaphthalene	48	ug/Kg	U
SEE10151055ARM1	10/15/2010	2-Methylnaphthalene	47	ug/Kg	J
SEE10040945JDF1	10/4/2010	2-Methylnaphthalene	47	ug/Kg	J
SEE10091200ARM1	10/9/2010	2-Methylnaphthalene	46	ug/Kg	J
SEE10071042RCM1	10/7/2010	2-Methylnaphthalene	45	ug/Kg	U
SEE09061500PML1	9/6/2010	2-Methylnaphthalene	45	ug/Kg	U
SEE08271500PML1	8/27/2010	2-Methylnaphthalene	45	ug/kg	U
SEE10121030JDF1	10/12/2010	2-Methylnaphthalene	44	ug/Kg	J
SEE08281215PML1	8/28/2010	2-Methylnaphthalene	44	ug/kg	U
SEE09301105JDF1	9/30/2010	2-Methylnaphthalene	42	ug/Kg	U
SEE09181705PML1	9/18/2010	2-Methylnaphthalene	42	ug/Kg	U
SEE08281420TWH1	8/28/2010	2-Methylnaphthalene	42	ug/kg	U
SEE09090900JRP1	9/9/2010	2-Methylnaphthalene	41	ug/Kg	J
SEE09021400PML1	9/2/2010	2-Methylnaphthalene	41	ug/Kg	U
SEE08301130PML1	8/30/2010	2-Methylnaphthalene	41	ug/Kg	U
SEE10091401PML1	10/9/2010	2-Methylnaphthalene	40	ug/Kg	U
SEE08291421KAP1	8/29/2010	2-Methylnaphthalene	40	ug/kg	U
SEE08271145RCM1	8/27/2010	2-Methylnaphthalene	40	ug/kg	U
SEE10181035JDF1	10/18/2010	2-Methylnaphthalene	39	ug/Kg	U
SEE10051125PML1	10/5/2010	2-Methylnaphthalene	39	ug/Kg	U
SEE08311045PML1	8/31/2010	2-Methylnaphthalene	39	ug/Kg	U
SEE10141555ARM1	10/14/2010	2-Methylnaphthalene	38	ug/Kg	U
SEE09101215PML1	9/10/2010	2-Methylnaphthalene	38	ug/Kg	U
SEE10161530JDF1	10/16/2010	2-Methylnaphthalene	37	ug/Kg	U
SEE10081115PML1	10/8/2010	2-Methylnaphthalene	37	ug/Kg	U
SEE09030925PML1	9/3/2010	2-Methylnaphthalene	37	ug/Kg	U
SEE09031115JAW1	9/3/2010	2-Methylnaphthalene	37	ug/Kg	U
SEE10171410JDF1	10/17/2010	2-Methylnaphthalene	36	ug/Kg	U
SEE10071415ARM1	10/7/2010	2-Methylnaphthalene	36	ug/Kg	J
SEE09191530PML1	9/19/2010	2-Methylnaphthalene	36	ug/Kg	U
SEE09181235PML1	9/18/2010	2-Methylnaphthalene	36	ug/Kg	U
SEE09141135PML1	9/14/2010	2-Methylnaphthalene	36	ug/Kg	U
SEE09101022PML1	9/10/2010	2-Methylnaphthalene	36	ug/Kg	U
SEE10171115JDF1	10/17/2010	2-Methylnaphthalene	35	ug/Kg	U
SEE08311420PML1	8/31/2010	2-Methylnaphthalene	35	ug/Kg	U
SEE08311420PML1	8/31/2010	2-Methylnaphthalene	35	ug/Kg	U
SEE10041530JDF1	10/4/2010	2-Methylnaphthalene	34	ug/Kg	U
SEE09130915JRP1	9/13/2010	2-Methylnaphthalene	34	ug/Kg	J
SEE09121105RCM1	9/12/2010	2-Methylnaphthalene	34	ug/Kg	U
SEE09011545PML1	9/1/2010	2-Methylnaphthalene	34	ug/Kg	U
SEE08301550PML1	8/30/2010	2-Methylnaphthalene	34	ug/Kg	U
SEE08281510TWH1	8/28/2010	2-Methylnaphthalene	34	ug/kg	U

**TABLE B-2b**  
**Upstream Sediment Samples (Morrow Lake)**

Sample ID	Sample Date	Analyte	Result	Unit	Data Qualifier
SEE10181210JDF1	10/18/2010	2-Methylnaphthalene	33	ug/Kg	U
SEE10181430JWP1	10/18/2010	2-Methylnaphthalene	33	ug/Kg	U
SEE10181510JDF1	10/18/2010	2-Methylnaphthalene	33	ug/Kg	U
SEE10181510JDF1	10/18/2010	2-Methylnaphthalene	33	ug/Kg	U
SEE10131150JDF1	10/13/2010	2-Methylnaphthalene	33	ug/Kg	U
SEE10101010PML1	10/10/2010	2-Methylnaphthalene	33	ug/Kg	U
SEE10101215PML1	10/10/2010	2-Methylnaphthalene	33	ug/Kg	U
SEE10101215PML1	10/10/2010	2-Methylnaphthalene	33	ug/Kg	U
SEE09140945PML1	9/14/2010	2-Methylnaphthalene	33	ug/Kg	U
SEE09061525MHS1	9/6/2010	2-Methylnaphthalene	33	ug/Kg	U
SEE09051130PML1	9/5/2010	2-Methylnaphthalene	33	ug/Kg	U
SEE09031100PML1	9/3/2010	2-Methylnaphthalene	33	ug/Kg	U
SEE09021010PML1	9/2/2010	2-Methylnaphthalene	33	ug/Kg	U
SEE10051415ARM1	10/5/2010	2-Methylnaphthalene	32	ug/Kg	J
SEE10031115JDF1	10/3/2010	2-Methylnaphthalene	32	ug/Kg	U
SEE10031115JDF1	10/3/2010	2-Methylnaphthalene	32	ug/Kg	U
SEE09301205RCM1	9/30/2010	2-Methylnaphthalene	32	ug/Kg	U
SEE09301255JDF1	9/30/2010	2-Methylnaphthalene	32	ug/Kg	U
SEE09231645JDF1	9/23/2010	2-Methylnaphthalene	32	ug/Kg	U
SEE09141515PML1	9/14/2010	2-Methylnaphthalene	32	ug/Kg	U
SEE09101625PML1	9/10/2010	2-Methylnaphthalene	32	ug/Kg	U
SEE09091005RCM1	9/9/2010	2-Methylnaphthalene	32	ug/Kg	U
SEE09061105PML1	9/6/2010	2-Methylnaphthalene	32	ug/Kg	U
SEE09031650PML1	9/3/2010	2-Methylnaphthalene	32	ug/Kg	U
SEE09031650PML1	9/3/2010	2-Methylnaphthalene	32	ug/Kg	U
SEE10081231PML1	10/8/2010	2-Methylnaphthalene	31	ug/Kg	U
SEE09231210JDF1	9/23/2010	2-Methylnaphthalene	31	ug/Kg	U
SEE09161045PML1	9/16/2010	2-Methylnaphthalene	31	ug/Kg	U
SEE09081205PML1	9/8/2010	2-Methylnaphthalene	31	ug/Kg	U
SEE09071050PML1	9/7/2010	2-Methylnaphthalene	31	ug/Kg	U
SEE08301145MHS1	8/30/2010	2-Methylnaphthalene	31	ug/Kg	U
SEE08291550KAP1	8/29/2010	2-Methylnaphthalene	31	ug/kg	U
SEE10161115ARM1	10/16/2010	2-Methylnaphthalene	30	ug/Kg	U
SEE10120930JDF1	10/12/2010	2-Methylnaphthalene	30	ug/Kg	U
SEE10071101PML1	10/7/2010	2-Methylnaphthalene	30	ug/Kg	U
SEE09261625JDF1	9/26/2010	2-Methylnaphthalene	30	ug/Kg	U
SEE09261625JDF1	9/26/2010	2-Methylnaphthalene	30	ug/Kg	U
SEE09131445RCM1	9/13/2010	2-Methylnaphthalene	30	ug/Kg	U
SEE09121055PML1	9/12/2010	2-Methylnaphthalene	30	ug/Kg	U
SEE09121055PML1	9/12/2010	2-Methylnaphthalene	30	ug/Kg	U
SEE09121436RCM1	9/12/2010	2-Methylnaphthalene	30	ug/Kg	U
SEE09091410RCM1	9/9/2010	2-Methylnaphthalene	30	ug/Kg	U
SEE09011050PML1	9/1/2010	2-Methylnaphthalene	30	ug/Kg	U
SEE10081051RCM1	10/8/2010	2-Methylnaphthalene	29	ug/Kg	U
SEE10061640PML1	10/6/2010	2-Methylnaphthalene	29	ug/Kg	U
SEE10061640PML1	10/6/2010	2-Methylnaphthalene	29	ug/Kg	U
SEE10051653PML1	10/5/2010	2-Methylnaphthalene	29	ug/Kg	U
SEE09261215JDF1	9/26/2010	2-Methylnaphthalene	29	ug/Kg	U
SEE09231130ARM1	9/23/2010	2-Methylnaphthalene	29	ug/Kg	U
SEE09191040PML1	9/19/2010	2-Methylnaphthalene	29	ug/Kg	U
SEE09131026RCM1	9/13/2010	2-Methylnaphthalene	29	ug/Kg	U
SEE09131505PML1	9/13/2010	2-Methylnaphthalene	29	ug/Kg	U
SEE09040950PML1	9/4/2010	2-Methylnaphthalene	29	ug/Kg	U
SEE10011120JDF1	10/1/2010	2-Methylnaphthalene	28	ug/Kg	U
SEE09211155JDF1	9/21/2010	2-Methylnaphthalene	28	ug/Kg	U
SEE09171415PML1	9/17/2010	2-Methylnaphthalene	28	ug/Kg	U
SEE09151145PML1	9/15/2010	2-Methylnaphthalene	28	ug/Kg	U
SEE09151145PML1	9/15/2010	2-Methylnaphthalene	28	ug/Kg	U
SEE09131620PML1	9/13/2010	2-Methylnaphthalene	28	ug/Kg	U
SEE09121450PML1	9/12/2010	2-Methylnaphthalene	28	ug/Kg	U

**TABLE B-2b**  
**Upstream Sediment Samples (Morrow Lake)**

Sample ID	Sample Date	Analyte	Result	Unit	Data Qualifier
SEE09091515PML1	9/9/2010	2-Methylnaphthalene	28	ug/Kg	U
SEE09081010PML1	9/8/2010	2-Methylnaphthalene	28	ug/Kg	U
SEE09081020RCM1	9/8/2010	2-Methylnaphthalene	28	ug/Kg	U
SEE09011255PML1	9/1/2010	2-Methylnaphthalene	28	ug/Kg	U
SEE08301015JRP1	8/30/2010	2-Methylnaphthalene	28	ug/Kg	U
SEE08261620RCM1	8/26/2010	2-Methylnaphthalene	28	ug/kg	U
SEE10091614PML1	10/9/2010	2-Methylnaphthalene	27	ug/Kg	U
SEE10061205PML1	10/6/2010	2-Methylnaphthalene	27	ug/Kg	U
SEE10041150JDF1	10/4/2010	2-Methylnaphthalene	27	ug/Kg	U
SEE09251135JDF1	9/25/2010	2-Methylnaphthalene	27	ug/Kg	U
SEE09221440JDF1	9/22/2010	2-Methylnaphthalene	27	ug/Kg	U
SEE09170839RCM1	9/17/2010	2-Methylnaphthalene	27	ug/Kg	U
SEE09151015PML1	9/15/2010	2-Methylnaphthalene	27	ug/Kg	U
SEE10141150JDF1	10/14/2010	2-Methylnaphthalene	26	ug/Kg	U
SEE10141550JDF1	10/14/2010	2-Methylnaphthalene	26	ug/Kg	U
SEE10141550JDF1	10/14/2010	2-Methylnaphthalene	26	ug/Kg	U
SEE10121155JDF1	10/12/2010	2-Methylnaphthalene	26	ug/Kg	U
SEE09271130JDF1	9/27/2010	2-Methylnaphthalene	26	ug/Kg	U
SEE09131125PML1	9/13/2010	2-Methylnaphthalene	26	ug/Kg	U
SEE09091010PML1	9/9/2010	2-Methylnaphthalene	26	ug/Kg	U
SEE09091145PML1	9/9/2010	2-Methylnaphthalene	26	ug/Kg	U
SEE09091410PML1	9/9/2010	2-Methylnaphthalene	26	ug/Kg	U
SEE09061130MHS1	9/6/2010	2-Methylnaphthalene	26	ug/Kg	U
SEE09011145PML1	9/1/2010	2-Methylnaphthalene	26	ug/Kg	U
SEE08301638MHS1	8/30/2010	2-Methylnaphthalene	26	ug/Kg	U
SEE10151055ARM1	10/15/2010	2-Methylnaphthalene	25	ug/Kg	U
SEE10121415ARM1	10/12/2010	2-Methylnaphthalene	25	ug/Kg	U
SEE10111125JDF1	10/11/2010	2-Methylnaphthalene	25	ug/Kg	U
SEE10031425JDF1	10/3/2010	2-Methylnaphthalene	25	ug/Kg	U
SEE09291035JDF1	9/29/2010	2-Methylnaphthalene	25	ug/Kg	U
SEE09220935RCM1	9/22/2010	2-Methylnaphthalene	25	ug/Kg	U
SEE09111015PML1	9/11/2010	2-Methylnaphthalene	25	ug/Kg	U
SEE09051015PML1	9/5/2010	2-Methylnaphthalene	25	ug/Kg	U
SEE08301445JRP1	8/30/2010	2-Methylnaphthalene	25	ug/Kg	U
SEE10161415JDF1	10/16/2010	2-Methylnaphthalene	24	ug/Kg	U
SEE10040945JDF1	10/4/2010	2-Methylnaphthalene	24	ug/Kg	U
SEE09230955RCM1	9/23/2010	2-Methylnaphthalene	24	ug/Kg	U
SEE09211530JDF1	9/21/2010	2-Methylnaphthalene	24	ug/Kg	U
SEE09170945PML1	9/17/2010	2-Methylnaphthalene	24	ug/Kg	U
SEE09171125PML1	9/17/2010	2-Methylnaphthalene	24	ug/Kg	U
SEE09130955JRP1	9/13/2010	2-Methylnaphthalene	24	ug/Kg	U
SEE09091605PML1	9/9/2010	2-Methylnaphthalene	24	ug/Kg	U
SEE09041350PML1	9/4/2010	2-Methylnaphthalene	24	ug/Kg	U
SEE10071205PML1	10/7/2010	2-Methylnaphthalene	23	ug/Kg	U
SEE10071540PML1	10/7/2010	2-Methylnaphthalene	23	ug/Kg	U
SEE10041335JDF1	10/4/2010	2-Methylnaphthalene	23	ug/Kg	U
SEE09271025ARM1	9/27/2010	2-Methylnaphthalene	23	ug/Kg	U
SEE09171530PML1	9/17/2010	2-Methylnaphthalene	23	ug/Kg	U
SEE09051430PML1	9/5/2010	2-Methylnaphthalene	23	ug/Kg	U
SEE10150945JDF1	10/15/2010	2-Methylnaphthalene	22	ug/Kg	U
SEE10111011JDF1	10/11/2010	2-Methylnaphthalene	22	ug/Kg	U
SEE10111350JDF1	10/11/2010	2-Methylnaphthalene	22	ug/Kg	U
SEE10061051RCM1	10/6/2010	2-Methylnaphthalene	22	ug/Kg	U
SEE10041355ARM1	10/4/2010	2-Methylnaphthalene	22	ug/Kg	U
SEE09271515JDF1	9/27/2010	2-Methylnaphthalene	22	ug/Kg	U
SEE09221105JDF1	9/22/2010	2-Methylnaphthalene	22	ug/Kg	U
SEE09130940PML1	9/13/2010	2-Methylnaphthalene	22	ug/Kg	U
SEE10121030JDF1	10/12/2010	2-Methylnaphthalene	21	ug/Kg	U
SEE09290925JDF1	9/29/2010	2-Methylnaphthalene	21	ug/Kg	U
SEE09091025JRP1	9/9/2010	2-Methylnaphthalene	21	ug/Kg	U

**TABLE B-2b**  
**Upstream Sediment Samples (Morrow Lake)**

Sample ID	Sample Date	Analyte	Result	Unit	Data Qualifier
SEE09011635PML1	9/1/2010	2-Methylnaphthalene	21	ug/Kg	U
SEE08301520JRP1	8/30/2010	2-Methylnaphthalene	21	ug/Kg	U
SEE08291445PML1	8/29/2010	2-Methylnaphthalene	21	ug/kg	U
SEE08261445JRP1	8/26/2010	2-Methylnaphthalene	21	ug/Kg	U
SEE10161055JDF1	10/16/2010	2-Methylnaphthalene	20	ug/Kg	U
SEE10151355ARM1	10/15/2010	2-Methylnaphthalene	20	ug/Kg	U
SEE10071415ARM1	10/7/2010	2-Methylnaphthalene	20	ug/Kg	U
SEE09031140MHS1	9/3/2010	2-Methylnaphthalene	20	ug/Kg	U
SEE10041050JDF1	10/4/2010	2-Methylnaphthalene	19	ug/Kg	U
SEE09301255MAE1	9/30/2010	2-Methylnaphthalene	19	ug/Kg	U
SEE09291645JDF1	9/29/2010	2-Methylnaphthalene	19	ug/Kg	U
SEE09051550MHS1	9/5/2010	2-Methylnaphthalene	19	ug/Kg	U
SEE09031645MHS1	9/3/2010	2-Methylnaphthalene	19	ug/Kg	U
SEE08291354KAP1	8/29/2010	2-Methylnaphthalene	19	ug/kg	U
SEE10041138RCM1	10/4/2010	2-Methylnaphthalene	18	ug/Kg	U
SEE09221615JDF1	9/22/2010	2-Methylnaphthalene	18	ug/Kg	U
SEE09191445RCM1	9/19/2010	2-Methylnaphthalene	18	ug/Kg	U
SEE08311010JRP1	8/31/2010	2-Methylnaphthalene	18	ug/Kg	U
SEE09250905RCM1	9/25/2010	2-Methylnaphthalene	17	ug/Kg	U
SEE09200911RCM1	9/20/2010	2-Methylnaphthalene	17	ug/Kg	U
SEE09090900JRP1	9/9/2010	2-Methylnaphthalene	17	ug/Kg	U
SEE09011545MHS1	9/1/2010	2-Methylnaphthalene	17	ug/Kg	U
SEE10170915JDF1	10/17/2010	2-Methylnaphthalene	16	ug/Kg	U
SEE09291135JDF1	9/29/2010	2-Methylnaphthalene	16	ug/Kg	U
SEE09260930RCM1	9/26/2010	2-Methylnaphthalene	16	ug/Kg	U
SEE08271614TWH1	8/27/2010	2-Methylnaphthalene	16	ug/kg	U
SEE09201110ARM1	9/20/2010	2-Methylnaphthalene	15	ug/Kg	U
SEE08301530JAW1	8/30/2010	2-Methylnaphthalene	15	ug/Kg	U
SEE08271652TWH1	8/27/2010	2-Methylnaphthalene	15	ug/kg	U
SEE10071151RCM1	10/7/2010	2-Methylnaphthalene	14	ug/Kg	U
SEE09211112RCM1	9/21/2010	2-Methylnaphthalene	14	ug/Kg	U
SEE08311348MHS1	8/31/2010	2-Methylnaphthalene	14	ug/Kg	U
SEE08300920JRP1	8/30/2010	2-Methylnaphthalene	14	ug/Kg	U
SEE08271536TWH1	8/27/2010	2-Methylnaphthalene	13	ug/kg	U
SEE10141025ARM1	10/14/2010	2-Methylnaphthalene	12	ug/Kg	U
SEE09130915JRP1	9/13/2010	2-Methylnaphthalene	12	ug/Kg	U
SEE10091200ARM1	10/9/2010	2-Methylnaphthalene	11	ug/Kg	U
SEE09291023RCM1	9/29/2010	2-Methylnaphthalene	11	ug/Kg	U
SEE09171445RCM1	9/17/2010	2-Methylnaphthalene	11	ug/Kg	U
SEE09161035RCM1	9/16/2010	2-Methylnaphthalene	11	ug/Kg	U
SEE08291550KAP1	8/29/2010	2-Methylnaphthalene	11	ug/kg	J
SEE08281540JRP1	8/28/2010	2-Methylnaphthalene	11	ug/kg	U
SEE09141312RCM1	9/14/2010	2-Methylnaphthalene	10	ug/Kg	U
SEB08281400JLS1	8/28/2010	2-Methylnaphthalene	10	ug/kg	U
SEE10051415ARM1	10/5/2010	2-Methylnaphthalene	8.7	ug/Kg	U
SEE09061610JAW1	9/6/2010	2-Methylnaphthalene	8.5	ug/Kg	U
SEE10011125ARM1	10/1/2010	2-Methylnaphthalene	8.2	ug/Kg	U
SEE08261700JRP1	8/26/2010	2-Methylnaphthalene	8.2	ug/Kg	U
SEE09051500MHS1	9/5/2010	2-Methylnaphthalene	8.0	ug/Kg	U
SEE10171535ARM1	10/17/2010	2-Methylnaphthalene	7.9	ug/Kg	U
SEE09231035ARM1	9/23/2010	2-Methylnaphthalene	7.9	ug/Kg	U
SEE09171200ARM1	9/17/2010	2-Methylnaphthalene	7.9	ug/Kg	U
SEE10081035ARM1	10/8/2010	2-Methylnaphthalene	7.6	ug/Kg	U
SEE09100945RCM1	9/10/2010	2-Methylnaphthalene	7.5	ug/Kg	U
SEE09211120ARM1	9/21/2010	2-Methylnaphthalene	7.4	ug/Kg	U
SEB09011143JLS1	9/1/2010	2-Methylnaphthalene	7.1	ug/Kg	U
SEE08301410JRP1	8/30/2010	2-Methylnaphthalene	7.0	ug/Kg	U
SEE09281445RCM1	9/28/2010	2-Methylnaphthalene	6.5	ug/Kg	U
SEE09271500ARM1	9/27/2010	2-Methylnaphthalene	6.2	ug/Kg	U
SEE09170935RCM1	9/17/2010	2-Methylnaphthalene	6.1	ug/Kg	U



**TABLE B-2b**  
**Upstream Sediment Samples (Morrow Lake)**

Sample ID	Sample Date	Analyte	Result	Unit	Data Qualifier
SEF10011045TDF1	10/1/2010	2-Methylnaphthalene	6.0	ug/Kg	U
SEE09150915JRP1	9/15/2010	2-Methylnaphthalene	6.0	ug/Kg	U
SEE10011043RCM1	10/1/2010	2-Methylnaphthalene	5.8	ug/Kg	U
SEE09290915MAE1	9/29/2010	2-Methylnaphthalene	5.8	ug/Kg	U
SEE08271445JRP1	8/27/2010	2-Methylnaphthalene	5.7	ug/kg	U
SEE10131035ARM1	10/13/2010	2-Methylnaphthalene	5.5	ug/Kg	U
SEE10071045ARM1	10/7/2010	2-Methylnaphthalene	5.5	ug/Kg	U
SEE10041045ARM1	10/4/2010	2-Methylnaphthalene	5.5	ug/Kg	U
SEF10151030PMB3	10/15/2010	2-Methylnaphthalene	5.4	ug/Kg	U
SEF10081108TDF3	10/8/2010	2-Methylnaphthalene	5.4	ug/Kg	U
SEE09251235ARM1	9/25/2010	2-Methylnaphthalene	5.4	ug/Kg	U
SEF10051206TDF3	10/5/2010	2-Methylnaphthalene	5.3	ug/Kg	U
SEE09140945JRP1	9/14/2010	2-Methylnaphthalene	5.3	ug/Kg	U
SEE09080930JRP1	9/8/2010	2-Methylnaphthalene	5.3	ug/Kg	U
SEE09011515JAW1	9/1/2010	2-Methylnaphthalene	5.3	ug/Kg	U
SEE08301100JRP1	8/30/2010	2-Methylnaphthalene	5.3	ug/Kg	U
SEE10121040ARM1	10/12/2010	2-Methylnaphthalene	5.2	ug/Kg	U
SEF10121130PMB3	10/12/2010	2-Methylnaphthalene	5.2	ug/Kg	U
SEE09221045ARM1	9/22/2010	2-Methylnaphthalene	5.2	ug/Kg	U
SEE09100920JRP1	9/10/2010	2-Methylnaphthalene	5.1	ug/Kg	U
SEE09301025MAE1	9/30/2010	2-Methylnaphthalene	5.0	ug/Kg	U
SEE09051500JAW1	9/5/2010	2-Methylnaphthalene	5.0	ug/Kg	U
SEE10051145RCM1	10/5/2010	2-Methylnaphthalene	4.9	ug/Kg	U
SEE09070930JRP1	9/7/2010	2-Methylnaphthalene	4.9	ug/Kg	U
SEE10061135ARM1	10/6/2010	2-Methylnaphthalene	4.8	ug/Kg	U
SEE10181030JWP1	10/18/2010	2-Methylnaphthalene	4.6	ug/Kg	U
SEF09281139TDF1	9/28/2010	2-Methylnaphthalene	4.3	ug/Kg	U
SEE09231205RCM1	9/23/2010	2-Methylnaphthalene	3.3	ug/Kg	U
SOTF-E-Q-37.28-L02-0.0-0.5	9/11/2010	2-Methylnaphthalene	0.61	mg/kg	
ML-07-S-081810	8/18/2010	2-Methylnaphthalene	0.37	mg/Kg	UJ
ML-06-S-082310	8/23/2010	2-Methylnaphthalene	0.33	mg/Kg	U
ML-04-S-081710	8/17/2010	2-Methylnaphthalene	0.32	mg/Kg	U
ML-04-S-082610	8/26/2010	2-Methylnaphthalene	0.31	mg/Kg	U
ML-03-S-082310	8/23/2010	2-Methylnaphthalene	0.31	mg/Kg	U
ML-10-S-081910	8/19/2010	2-Methylnaphthalene	0.31	mg/Kg	U
ML-10-S-081910	8/19/2010	2-Methylnaphthalene	0.31	mg/Kg	U
ML-09-S-081810	8/18/2010	2-Methylnaphthalene	0.31	mg/Kg	UJ
ML-06-S-081710	8/17/2010	2-Methylnaphthalene	0.31	mg/Kg	U
SOTF-E-Q-37.28-L02-0.5-1.1	9/11/2010	2-Methylnaphthalene	0.30	mg/kg	
SOTF-E-Q-37.05-L02-0.5-1.1	9/8/2010	2-Methylnaphthalene	0.30	mg/kg	
ML-10-S-082610	8/26/2010	2-Methylnaphthalene	0.30	mg/Kg	U
ML-10-S-082610	8/26/2010	2-Methylnaphthalene	0.30	mg/Kg	U
ML-05-S-082310	8/23/2010	2-Methylnaphthalene	0.28	mg/Kg	U
ML-01-S-081910	8/19/2010	2-Methylnaphthalene	0.27	mg/Kg	U
ML-05-S-081710	8/17/2010	2-Methylnaphthalene	0.26	mg/Kg	U
ML-02-S-082310	8/23/2010	2-Methylnaphthalene	0.25	mg/Kg	U
ML-02-S-081710	8/17/2010	2-Methylnaphthalene	0.24	mg/Kg	UJ
ML-06-S-082510	8/25/2010	2-Methylnaphthalene	0.18	mg/Kg	U
ML-07-S-082110	8/21/2010	2-Methylnaphthalene	0.18	mg/Kg	U
ML-05-S-082610	8/26/2010	2-Methylnaphthalene	0.17	mg/Kg	U
ML-07-S-082510	8/25/2010	2-Methylnaphthalene	0.17	mg/Kg	U
ML-08-S-082110	8/21/2010	2-Methylnaphthalene	0.17	mg/Kg	U
ML-07-S-081610	8/16/2010	2-Methylnaphthalene	0.17	mg/Kg	U
ML-08-S-081610	8/16/2010	2-Methylnaphthalene	0.17	mg/Kg	U
ML-08-S-082510	8/25/2010	2-Methylnaphthalene	0.16	mg/Kg	U
ML-08-S-082410	8/24/2010	2-Methylnaphthalene	0.16	mg/Kg	UJ
ML-06-S-082010	8/20/2010	2-Methylnaphthalene	0.16	mg/Kg	U
ML-01-S-081610	8/16/2010	2-Methylnaphthalene	0.16	mg/Kg	U
ML-09-S-082510	8/25/2010	2-Methylnaphthalene	0.15	mg/Kg	U
ML-04-S-082410	8/24/2010	2-Methylnaphthalene	0.15	mg/Kg	UJ

**TABLE B-2b**  
**Upstream Sediment Samples (Morrow Lake)**

Sample ID	Sample Date	Analyte	Result	Unit	Data Qualifier
ML-10-S-082410	8/24/2010	2-Methylnaphthalene	0.15	mg/Kg	UJ
ML-10-S-082410	8/24/2010	2-Methylnaphthalene	0.15	mg/Kg	UJ
ML-09-S-082110	8/21/2010	2-Methylnaphthalene	0.15	mg/Kg	U
ML-10-S-082110	8/21/2010	2-Methylnaphthalene	0.15	mg/Kg	U
ML-10-S-082110	8/21/2010	2-Methylnaphthalene	0.15	mg/Kg	U
ML-05-S-082010	8/20/2010	2-Methylnaphthalene	0.15	mg/Kg	U
ML-10-S-081610	8/16/2010	2-Methylnaphthalene	0.15	mg/Kg	U
ML-10-S-081610	8/16/2010	2-Methylnaphthalene	0.15	mg/Kg	U
ML-09-S-082410	8/24/2010	2-Methylnaphthalene	0.14	mg/Kg	UJ
ML-01-S-082110	8/21/2010	2-Methylnaphthalene	0.14	mg/Kg	U
ML-02-S-082010	8/20/2010	2-Methylnaphthalene	0.13	mg/Kg	U
ML-04-S-082010	8/20/2010	2-Methylnaphthalene	0.13	mg/Kg	U
ML-03-S-082010	8/20/2010	2-Methylnaphthalene	0.018	mg/Kg	J
ML-07-S-082410	8/24/2010	2-Methylnaphthalene	0.017	mg/Kg	J
ML-02-S-082510	8/25/2010	2-Methylnaphthalene	0.016	mg/Kg	J
ML-01-S-082510	8/25/2010	2-Methylnaphthalene	0.015	mg/Kg	J
ML-03-S-082510	8/25/2010	2-Methylnaphthalene	0.013	mg/Kg	J
ML-03-S-081610	8/16/2010	2-Methylnaphthalene	0.013	mg/Kg	J
SEE09051430PML1	9/5/2010	2-Methylphenol	3000	ug/Kg	U
SEE09011635PML1	9/1/2010	2-Methylphenol	3000	ug/Kg	U
SEE08271145RCM1	8/27/2010	2-Methylphenol	1600	ug/kg	U
SEE08261620RCM1	8/26/2010	2-Methylphenol	1400	ug/kg	U
SEE08261420RCM1	8/26/2010	2-Methylphenol	1200	ug/kg	U
SEE10211035JDF1	10/21/2010	2-Methylphenol	960	ug/Kg	UJ
SEE10051125PML1	10/5/2010	2-Methylphenol	930	ug/Kg	U
SEE09061500PML1	9/6/2010	2-Methylphenol	920	ug/Kg	U
SEE09021400PML1	9/2/2010	2-Methylphenol	920	ug/Kg	U
SEE09301105JDF1	9/30/2010	2-Methylphenol	910	ug/Kg	U
SEE08301130PML1	8/30/2010	2-Methylphenol	910	ug/Kg	U
SEE10191005JDF1	10/19/2010	2-Methylphenol	880	ug/Kg	U
SEE10171410JDF1	10/17/2010	2-Methylphenol	880	ug/Kg	U
SEE09181235PML1	9/18/2010	2-Methylphenol	880	ug/Kg	U
SEE09101022PML1	9/10/2010	2-Methylphenol	880	ug/Kg	UJ
SEE09011545PML1	9/1/2010	2-Methylphenol	870	ug/Kg	U
SEE10211430JDF1	10/21/2010	2-Methylphenol	860	ug/Kg	U
SEE09231645JDF1	9/23/2010	2-Methylphenol	860	ug/Kg	U
SEE09141135PML1	9/14/2010	2-Methylphenol	860	ug/Kg	U
SEE09091410RCM1	9/9/2010	2-Methylphenol	860	ug/Kg	U
SEE10081115PML1	10/8/2010	2-Methylphenol	850	ug/Kg	U
SEE09121105RCM1	9/12/2010	2-Methylphenol	850	ug/Kg	UJ
SEE09101215PML1	9/10/2010	2-Methylphenol	850	ug/Kg	UJ
SEE09081020RCM1	9/8/2010	2-Methylphenol	850	ug/Kg	U
SEE09031645MHS1	9/3/2010	2-Methylphenol	850	ug/Kg	U
SEE09011545MHS1	9/1/2010	2-Methylphenol	850	ug/Kg	U
SEE08311420PML1	8/31/2010	2-Methylphenol	850	ug/Kg	U
SEE08311420PML1	8/31/2010	2-Methylphenol	850	ug/Kg	U
SEE10131150JDF1	10/13/2010	2-Methylphenol	840	ug/Kg	U
SEE09301255JDF1	9/30/2010	2-Methylphenol	840	ug/Kg	U
SEE10221110JDF1	10/22/2010	2-Methylphenol	830	ug/Kg	U
SEE10221110JDF1	10/22/2010	2-Methylphenol	830	ug/Kg	U
SEE09030925PML1	9/3/2010	2-Methylphenol	830	ug/Kg	U
SEE08281607TWH1	8/28/2010	2-Methylphenol	830	ug/kg	UJ
SEE08281630RCM1	8/28/2010	2-Methylphenol	830	ug/kg	UJ
SEE10191515JDF1	10/19/2010	2-Methylphenol	820	ug/Kg	U
SEE10091401PML1	10/9/2010	2-Methylphenol	820	ug/Kg	UJ
SEE09051550MHS1	9/5/2010	2-Methylphenol	820	ug/Kg	U
SEE09291023RCM1	9/29/2010	2-Methylphenol	810	ug/Kg	U
SEE09121436RCM1	9/12/2010	2-Methylphenol	810	ug/Kg	UJ
SEE09021010PML1	9/2/2010	2-Methylphenol	810	ug/Kg	U
SEE10041530JDF1	10/4/2010	2-Methylphenol	800	ug/Kg	U

**TABLE B-2b**  
**Upstream Sediment Samples (Morrow Lake)**

Sample ID	Sample Date	Analyte	Result	Unit	Data Qualifier
SEE09101625PML1	9/10/2010	2-Methylphenol	800	ug/Kg	UJ
SEE09061525MHS1	9/6/2010	2-Methylphenol	800	ug/Kg	U
SEE09031100PML1	9/3/2010	2-Methylphenol	800	ug/Kg	U
SEE08301638MHS1	8/30/2010	2-Methylphenol	800	ug/Kg	U
SEE10191415JDF1	10/19/2010	2-Methylphenol	790	ug/Kg	U
SEE10181035JDF1	10/18/2010	2-Methylphenol	790	ug/Kg	U
SEE10091614PML1	10/9/2010	2-Methylphenol	790	ug/Kg	UJ
SEE10051653PML1	10/5/2010	2-Methylphenol	790	ug/Kg	U
SEE09231210JDF1	9/23/2010	2-Methylphenol	790	ug/Kg	U
SEE09141515PML1	9/14/2010	2-Methylphenol	790	ug/Kg	U
SEE09131026RCM1	9/13/2010	2-Methylphenol	790	ug/Kg	U
SEE09051130PML1	9/5/2010	2-Methylphenol	790	ug/Kg	U
SEE08301550PML1	8/30/2010	2-Methylphenol	790	ug/Kg	U
SEE10191155JDF1	10/19/2010	2-Methylphenol	780	ug/Kg	U
SEE10171115JDF1	10/17/2010	2-Methylphenol	780	ug/Kg	U
SEE10141015JDF1	10/14/2010	2-Methylphenol	780	ug/Kg	UJ
SEE09220935RCM1	9/22/2010	2-Methylphenol	780	ug/Kg	U
SEE09191445RCM1	9/19/2010	2-Methylphenol	780	ug/Kg	U
SEE09161045PML1	9/16/2010	2-Methylphenol	780	ug/Kg	U
SEE09071050PML1	9/7/2010	2-Methylphenol	780	ug/Kg	UJ
SEE10211010JWP1	10/21/2010	2-Methylphenol	770	ug/Kg	U
SEE10181510JDF1	10/18/2010	2-Methylphenol	770	ug/Kg	U
SEE10181510JDF1	10/18/2010	2-Methylphenol	770	ug/Kg	U
SEE10061205PML1	10/6/2010	2-Methylphenol	770	ug/Kg	U
SEE10031115JDF1	10/3/2010	2-Methylphenol	770	ug/Kg	U
SEE10031115JDF1	10/3/2010	2-Methylphenol	770	ug/Kg	U
SEE09171415PML1	9/17/2010	2-Methylphenol	770	ug/Kg	U
SEE09140945PML1	9/14/2010	2-Methylphenol	770	ug/Kg	U
SEE09131445RCM1	9/13/2010	2-Methylphenol	770	ug/Kg	U
SEE09131505PML1	9/13/2010	2-Methylphenol	770	ug/Kg	U
SEE08301145MHS1	8/30/2010	2-Methylphenol	770	ug/Kg	U
SEE10141555ARM1	10/14/2010	2-Methylphenol	760	ug/Kg	UJ
SEE10101215PML1	10/10/2010	2-Methylphenol	760	ug/Kg	U
SEE10101215PML1	10/10/2010	2-Methylphenol	760	ug/Kg	U
SEE09170839RCM1	9/17/2010	2-Methylphenol	760	ug/Kg	U
SEE09081205PML1	9/8/2010	2-Methylphenol	760	ug/Kg	U
SEE09031140MHS1	9/3/2010	2-Methylphenol	760	ug/Kg	U
SEE10061051RCM1	10/6/2010	2-Methylphenol	750	ug/Kg	U
SEE10041138RCM1	10/4/2010	2-Methylphenol	750	ug/Kg	U
SEE09251135JDF1	9/25/2010	2-Methylphenol	750	ug/Kg	U
SEE09200945PML1	9/20/2010	2-Methylphenol	750	ug/Kg	U
SEE09200945PML1	9/20/2010	2-Methylphenol	750	ug/Kg	U
SEE09191040PML1	9/19/2010	2-Methylphenol	750	ug/Kg	U
SEE09181705PML1	9/18/2010	2-Methylphenol	750	ug/Kg	U
SEE09091005RCM1	9/9/2010	2-Methylphenol	750	ug/Kg	U
SEE09061105PML1	9/6/2010	2-Methylphenol	750	ug/Kg	U
SEE09031650PML1	9/3/2010	2-Methylphenol	750	ug/Kg	U
SEE09031650PML1	9/3/2010	2-Methylphenol	750	ug/Kg	U
SEE10191100JDF1	10/19/2010	2-Methylphenol	740	ug/Kg	U
SEE10141150JDF1	10/14/2010	2-Methylphenol	740	ug/Kg	UJ
SEE10101010PML1	10/10/2010	2-Methylphenol	740	ug/Kg	U
SEE10081051RCM1	10/8/2010	2-Methylphenol	740	ug/Kg	U
SEE09261625JDF1	9/26/2010	2-Methylphenol	740	ug/Kg	U
SEE09261625JDF1	9/26/2010	2-Methylphenol	740	ug/Kg	U
SEE09191530PML1	9/19/2010	2-Methylphenol	740	ug/Kg	U
SEE09151145PML1	9/15/2010	2-Methylphenol	740	ug/Kg	U
SEE09151145PML1	9/15/2010	2-Methylphenol	740	ug/Kg	U
SEE09121055PML1	9/12/2010	2-Methylphenol	740	ug/Kg	UJ
SEE09121055PML1	9/12/2010	2-Methylphenol	740	ug/Kg	UJ
SEE09091515PML1	9/9/2010	2-Methylphenol	740	ug/Kg	U

**TABLE B-2b**  
**Upstream Sediment Samples (Morrow Lake)**

Sample ID	Sample Date	Analyte	Result	Unit	Data Qualifier
SEE09081010PML1	9/8/2010	2-Methylphenol	740	ug/Kg	U
SEE08311045PML1	8/31/2010	2-Methylphenol	740	ug/Kg	U
SEE10161530JDF1	10/16/2010	2-Methylphenol	730	ug/Kg	U
SEE10141550JDF1	10/14/2010	2-Methylphenol	730	ug/Kg	UJ
SEE10141550JDF1	10/14/2010	2-Methylphenol	730	ug/Kg	UJ
SEE10121155JDF1	10/12/2010	2-Methylphenol	730	ug/Kg	U
SEE10011120JDF1	10/1/2010	2-Methylphenol	730	ug/Kg	UJ
SEE09260930RCM1	9/26/2010	2-Methylphenol	730	ug/Kg	U
SEE09230955RCM1	9/23/2010	2-Methylphenol	730	ug/Kg	U
SEE09151015PML1	9/15/2010	2-Methylphenol	730	ug/Kg	U
SEE09111015PML1	9/11/2010	2-Methylphenol	730	ug/Kg	UJ
SEE08281505PML1	8/28/2010	2-Methylphenol	730	ug/kg	UJ
SEE10181210JDF1	10/18/2010	2-Methylphenol	720	ug/Kg	U
SEE10150945JDF1	10/15/2010	2-Methylphenol	720	ug/Kg	U
SEE10120930JDF1	10/12/2010	2-Methylphenol	720	ug/Kg	U
SEE10081231PML1	10/8/2010	2-Methylphenol	720	ug/Kg	U
SEE10071042RCM1	10/7/2010	2-Methylphenol	720	ug/Kg	U
SEE10071101PML1	10/7/2010	2-Methylphenol	720	ug/Kg	U
SEE09261215JDF1	9/26/2010	2-Methylphenol	720	ug/Kg	U
SEE09011050PML1	9/1/2010	2-Methylphenol	720	ug/Kg	U
SEE08271215PML1	8/27/2010	2-Methylphenol	720	ug/kg	U
SEE10221055DWS1	10/22/2010	2-Methylphenol	710	ug/Kg	U
SEE09221440JDF1	9/22/2010	2-Methylphenol	710	ug/Kg	U
SEE09040950PML1	9/4/2010	2-Methylphenol	710	ug/Kg	U
SEE10181430JWP1	10/18/2010	2-Methylphenol	700	ug/Kg	U
SEE10161115ARM1	10/16/2010	2-Methylphenol	700	ug/Kg	U
SEE10061640PML1	10/6/2010	2-Methylphenol	700	ug/Kg	U
SEE10061640PML1	10/6/2010	2-Methylphenol	700	ug/Kg	U
SEE09301205RCM1	9/30/2010	2-Methylphenol	700	ug/Kg	U
SEE09211155JDF1	9/21/2010	2-Methylphenol	700	ug/Kg	U
SEE09201115RCM1	9/20/2010	2-Methylphenol	700	ug/Kg	U
SEE09171445RCM1	9/17/2010	2-Methylphenol	700	ug/Kg	U
SEE09161035RCM1	9/16/2010	2-Methylphenol	700	ug/Kg	U
SEE10191010JWP1	10/19/2010	2-Methylphenol	690	ug/Kg	U
SEE10041150JDF1	10/4/2010	2-Methylphenol	690	ug/Kg	U
SEE09121450PML1	9/12/2010	2-Methylphenol	690	ug/Kg	UJ
SEE08301520JRP1	8/30/2010	2-Methylphenol	690	ug/Kg	U
SEE08271614TWH1	8/27/2010	2-Methylphenol	690	ug/kg	U
SEE10111125JDF1	10/11/2010	2-Methylphenol	680	ug/Kg	U
SEE09271130JDF1	9/27/2010	2-Methylphenol	680	ug/Kg	U
SEE09131620PML1	9/13/2010	2-Methylphenol	680	ug/Kg	U
SEE09061130MHS1	9/6/2010	2-Methylphenol	680	ug/Kg	U
SEE08261445JRP1	8/26/2010	2-Methylphenol	680	ug/Kg	U
SEE10031425JDF1	10/3/2010	2-Methylphenol	670	ug/Kg	U
SEE09291035JDF1	9/29/2010	2-Methylphenol	670	ug/Kg	U
SEE09250905RCM1	9/25/2010	2-Methylphenol	670	ug/Kg	U
SEE09211530JDF1	9/21/2010	2-Methylphenol	670	ug/Kg	U
SEE09131125PML1	9/13/2010	2-Methylphenol	670	ug/Kg	U
SEE09091605PML1	9/9/2010	2-Methylphenol	670	ug/Kg	U
SEE09041350PML1	9/4/2010	2-Methylphenol	670	ug/Kg	U
SEE09011255PML1	9/1/2010	2-Methylphenol	670	ug/Kg	U
SEE09170945PML1	9/17/2010	2-Methylphenol	660	ug/Kg	U
SEE09091145PML1	9/9/2010	2-Methylphenol	660	ug/Kg	U
SEE08301445JRP1	8/30/2010	2-Methylphenol	660	ug/Kg	U
SEE08271500PML1	8/27/2010	2-Methylphenol	660	ug/kg	U
SEE09091410PML1	9/9/2010	2-Methylphenol	650	ug/Kg	U
SEE09171125PML1	9/17/2010	2-Methylphenol	640	ug/Kg	U
SEE09051015PML1	9/5/2010	2-Methylphenol	640	ug/Kg	U
SEE10161415JDF1	10/16/2010	2-Methylphenol	630	ug/Kg	U
SEE10111011JDF1	10/11/2010	2-Methylphenol	630	ug/Kg	U

**TABLE B-2b**  
**Upstream Sediment Samples (Morrow Lake)**

Sample ID	Sample Date	Analyte	Result	Unit	Data Qualifier
SEE09130940PML1	9/13/2010	2-Methylphenol	630	ug/Kg	U
SEE08301015JRP1	8/30/2010	2-Methylphenol	630	ug/Kg	U
SEE10121415ARM1	10/12/2010	2-Methylphenol	620	ug/Kg	U
SEE10071540PML1	10/7/2010	2-Methylphenol	620	ug/Kg	U
SEE09031115JAW1	9/3/2010	2-Methylphenol	620	ug/Kg	U
SEE08301530JAW1	8/30/2010	2-Methylphenol	620	ug/Kg	U
SEE10161055JDF1	10/16/2010	2-Methylphenol	610	ug/Kg	U
SEE10071205PML1	10/7/2010	2-Methylphenol	610	ug/Kg	U
SEE09271515JDF1	9/27/2010	2-Methylphenol	610	ug/Kg	U
SEE09211112RCM1	9/21/2010	2-Methylphenol	610	ug/Kg	U
SEE09201645ARM1	9/20/2010	2-Methylphenol	610	ug/Kg	U
SEE09171530PML1	9/17/2010	2-Methylphenol	610	ug/Kg	U
SEE09091010PML1	9/9/2010	2-Methylphenol	610	ug/Kg	U
SEE09091025JRP1	9/9/2010	2-Methylphenol	610	ug/Kg	U
SEE10111350JDF1	10/11/2010	2-Methylphenol	600	ug/Kg	U
SEE09290925JDF1	9/29/2010	2-Methylphenol	600	ug/Kg	U
SEE09221105JDF1	9/22/2010	2-Methylphenol	600	ug/Kg	U
SEE09221615JDF1	9/22/2010	2-Methylphenol	600	ug/Kg	U
SEE10151055ARM1	10/15/2010	2-Methylphenol	590	ug/Kg	U
SEE09301255MAE1	9/30/2010	2-Methylphenol	590	ug/Kg	U
SEE09011145PML1	9/1/2010	2-Methylphenol	590	ug/Kg	U
SEE08291110PML1	8/29/2010	2-Methylphenol	590	ug/kg	U
SEE10041050JDF1	10/4/2010	2-Methylphenol	580	ug/Kg	U
SEE09231130ARM1	9/23/2010	2-Methylphenol	580	ug/Kg	U
SEE10121030JDF1	10/12/2010	2-Methylphenol	570	ug/Kg	U
SEE10041335JDF1	10/4/2010	2-Methylphenol	570	ug/Kg	U
SEE09271025ARM1	9/27/2010	2-Methylphenol	570	ug/Kg	U
SEE08281215PML1	8/28/2010	2-Methylphenol	570	ug/kg	U
SEE08281420TWH1	8/28/2010	2-Methylphenol	570	ug/kg	UJ
SEE10040945JDF1	10/4/2010	2-Methylphenol	560	ug/Kg	U
SEE09130955JRP1	9/13/2010	2-Methylphenol	560	ug/Kg	U
SEE09291645JDF1	9/29/2010	2-Methylphenol	550	ug/Kg	U
SEE08281510TWH1	8/28/2010	2-Methylphenol	540	ug/kg	UJ
SEE09141312RCM1	9/14/2010	2-Methylphenol	530	ug/Kg	U
SEE08291421KAP1	8/29/2010	2-Methylphenol	510	ug/kg	U
SEE08271652TWH1	8/27/2010	2-Methylphenol	500	ug/kg	U
SEE10151355ARM1	10/15/2010	2-Methylphenol	480	ug/Kg	U
SEE10041355ARM1	10/4/2010	2-Methylphenol	480	ug/Kg	U
SEE09090900JRP1	9/9/2010	2-Methylphenol	470	ug/Kg	U
SEE08311010JRP1	8/31/2010	2-Methylphenol	470	ug/Kg	U
SEE08311348MHS1	8/31/2010	2-Methylphenol	470	ug/Kg	U
SEE10170915JDF1	10/17/2010	2-Methylphenol	460	ug/Kg	U
SEE10071415ARM1	10/7/2010	2-Methylphenol	460	ug/Kg	U
SEE09291135JDF1	9/29/2010	2-Methylphenol	460	ug/Kg	U
SEE10071151RCM1	10/7/2010	2-Methylphenol	430	ug/Kg	U
SEE08300920JRP1	8/30/2010	2-Methylphenol	410	ug/Kg	U
SEE08291550KAP1	8/29/2010	2-Methylphenol	410	ug/kg	U
SEE10221450DWS1	10/22/2010	2-Methylphenol	390	ug/Kg	U
SEE09051500MHS1	9/5/2010	2-Methylphenol	380	ug/Kg	U
SEE10141025ARM1	10/14/2010	2-Methylphenol	370	ug/Kg	UJ
SEE10211345JWP1	10/21/2010	2-Methylphenol	330	ug/Kg	U
SEE10091200ARM1	10/9/2010	2-Methylphenol	330	ug/Kg	UJ
SEE09130915JRP1	9/13/2010	2-Methylphenol	330	ug/Kg	U
SEE08291354KAP1	8/29/2010	2-Methylphenol	330	ug/kg	U
SEE09061610JAW1	9/6/2010	2-Methylphenol	290	ug/Kg	U
SEE10051415ARM1	10/5/2010	2-Methylphenol	280	ug/Kg	U
SEE10171535ARM1	10/17/2010	2-Methylphenol	270	ug/Kg	U
SEE08291445PML1	8/29/2010	2-Methylphenol	270	ug/kg	U
SEE08261700JRP1	8/26/2010	2-Methylphenol	270	ug/Kg	U
SEE09100945RCM1	9/10/2010	2-Methylphenol	260	ug/Kg	UJ

**TABLE B-2b**  
**Upstream Sediment Samples (Morrow Lake)**

Sample ID	Sample Date	Analyte	Result	Unit	Data Qualifier
SEE08301410JRP1	8/30/2010	2-Methylphenol	260	ug/Kg	U
SEE10011125ARM1	10/1/2010	2-Methylphenol	250	ug/Kg	UJ
SEE09211120ARM1	9/21/2010	2-Methylphenol	250	ug/Kg	U
SEE09201110ARM1	9/20/2010	2-Methylphenol	250	ug/Kg	U
SEF10221050MAE3	10/22/2010	2-Methylphenol	240	ug/Kg	U
SEF10191135NAC3	10/19/2010	2-Methylphenol	240	ug/Kg	U
SEE10081035ARM1	10/8/2010	2-Methylphenol	240	ug/Kg	U
SEE09171200ARM1	9/17/2010	2-Methylphenol	240	ug/Kg	U
SEF10011045TDF1	10/1/2010	2-Methylphenol	230	ug/Kg	UJ
SEE09290915MAE1	9/29/2010	2-Methylphenol	230	ug/Kg	U
SEE09271500ARM1	9/27/2010	2-Methylphenol	230	ug/Kg	U
SEE09231205RCM1	9/23/2010	2-Methylphenol	230	ug/Kg	U
SEE09200911RCM1	9/20/2010	2-Methylphenol	230	ug/Kg	U
SEE09140945JRP1	9/14/2010	2-Methylphenol	230	ug/Kg	U
SEE08271445JRP1	8/27/2010	2-Methylphenol	230	ug/kg	U
SEF10081108TDF3	10/8/2010	2-Methylphenol	220	ug/Kg	U
SEE10071045ARM1	10/7/2010	2-Methylphenol	220	ug/Kg	U
SEE10041045ARM1	10/4/2010	2-Methylphenol	220	ug/Kg	U
SEE10011043RCM1	10/1/2010	2-Methylphenol	220	ug/Kg	UJ
SEE09281445RCM1	9/28/2010	2-Methylphenol	220	ug/Kg	U
SEE09251235ARM1	9/25/2010	2-Methylphenol	220	ug/Kg	U
SEE09231035ARM1	9/23/2010	2-Methylphenol	220	ug/Kg	U
SEE09170935RCM1	9/17/2010	2-Methylphenol	220	ug/Kg	U
SEE09150915JRP1	9/15/2010	2-Methylphenol	220	ug/Kg	U
SEE09070930JRP1	9/7/2010	2-Methylphenol	220	ug/Kg	UJ
SEB09011143JLS1	9/1/2010	2-Methylphenol	220	ug/Kg	U
SEE08301100JRP1	8/30/2010	2-Methylphenol	220	ug/Kg	U
SEE08271536TWH1	8/27/2010	2-Methylphenol	220	ug/kg	U
SEE10191115JWP1	10/19/2010	2-Methylphenol	210	ug/Kg	U
SEF10151030PMB3	10/15/2010	2-Methylphenol	210	ug/Kg	U
SEF10121130PMB3	10/12/2010	2-Methylphenol	210	ug/Kg	U
SEE10061135ARM1	10/6/2010	2-Methylphenol	210	ug/Kg	U
SEF10051206TDF3	10/5/2010	2-Methylphenol	210	ug/Kg	U
SEE09100920JRP1	9/10/2010	2-Methylphenol	210	ug/Kg	UJ
SEE09051500JAW1	9/5/2010	2-Methylphenol	210	ug/Kg	U
SEB08281400JLS1	8/28/2010	2-Methylphenol	210	ug/kg	UJ
SEE08281540JRP1	8/28/2010	2-Methylphenol	210	ug/kg	U
SEE10131035ARM1	10/13/2010	2-Methylphenol	200	ug/Kg	U
SEE10051145RCM1	10/5/2010	2-Methylphenol	200	ug/Kg	U
SEE09301025MAE1	9/30/2010	2-Methylphenol	200	ug/Kg	U
SEF09281139TDF1	9/28/2010	2-Methylphenol	200	ug/Kg	U
SEE09221045ARM1	9/22/2010	2-Methylphenol	200	ug/Kg	U
SEE09080930JRP1	9/8/2010	2-Methylphenol	200	ug/Kg	U
SEE09011515JAW1	9/1/2010	2-Methylphenol	200	ug/Kg	U
SEE10181030JWP1	10/18/2010	2-Methylphenol	190	ug/Kg	U
SEE10121040ARM1	10/12/2010	2-Methylphenol	29	ug/Kg	J
ML-07-S-081810	8/18/2010	2-Methylphenol	0.37	mg/Kg	UJ
ML-06-S-082310	8/23/2010	2-Methylphenol	0.33	mg/Kg	U
ML-04-S-081710	8/17/2010	2-Methylphenol	0.32	mg/Kg	U
ML-04-S-082610	8/26/2010	2-Methylphenol	0.31	mg/Kg	U
ML-03-S-082310	8/23/2010	2-Methylphenol	0.31	mg/Kg	U
ML-10-S-081910	8/19/2010	2-Methylphenol	0.31	mg/Kg	U
ML-10-S-081910	8/19/2010	2-Methylphenol	0.31	mg/Kg	U
ML-09-S-081810	8/18/2010	2-Methylphenol	0.31	mg/Kg	UJ
ML-06-S-081710	8/17/2010	2-Methylphenol	0.31	mg/Kg	U
ML-10-S-082610	8/26/2010	2-Methylphenol	0.30	mg/Kg	U
ML-10-S-082610	8/26/2010	2-Methylphenol	0.30	mg/Kg	U
ML-05-S-082310	8/23/2010	2-Methylphenol	0.28	mg/Kg	U
ML-01-S-081910	8/19/2010	2-Methylphenol	0.27	mg/Kg	U
ML-05-S-081710	8/17/2010	2-Methylphenol	0.26	mg/Kg	U

**TABLE B-2b**  
**Upstream Sediment Samples (Morrow Lake)**

Sample ID	Sample Date	Analyte	Result	Unit	Data Qualifier
ML-02-S-082310	8/23/2010	2-Methylphenol	0.25	mg/Kg	U
ML-02-S-081710	8/17/2010	2-Methylphenol	0.24	mg/Kg	U
ML-06-S-082510	8/25/2010	2-Methylphenol	0.18	mg/Kg	U
ML-07-S-082410	8/24/2010	2-Methylphenol	0.18	mg/Kg	UJ
ML-07-S-082110	8/21/2010	2-Methylphenol	0.18	mg/Kg	U
ML-05-S-082610	8/26/2010	2-Methylphenol	0.17	mg/Kg	U
ML-07-S-082510	8/25/2010	2-Methylphenol	0.17	mg/Kg	U
ML-08-S-082110	8/21/2010	2-Methylphenol	0.17	mg/Kg	U
ML-07-S-081610	8/16/2010	2-Methylphenol	0.17	mg/Kg	U
ML-08-S-081610	8/16/2010	2-Methylphenol	0.17	mg/Kg	U
ML-08-S-082510	8/25/2010	2-Methylphenol	0.16	mg/Kg	U
ML-08-S-082410	8/24/2010	2-Methylphenol	0.16	mg/Kg	UJ
ML-06-S-082010	8/20/2010	2-Methylphenol	0.16	mg/Kg	U
ML-01-S-081610	8/16/2010	2-Methylphenol	0.16	mg/Kg	U
ML-01-S-082510	8/25/2010	2-Methylphenol	0.15	mg/Kg	U
ML-09-S-082510	8/25/2010	2-Methylphenol	0.15	mg/Kg	U
ML-04-S-082410	8/24/2010	2-Methylphenol	0.15	mg/Kg	UJ
ML-10-S-082410	8/24/2010	2-Methylphenol	0.15	mg/Kg	UJ
ML-10-S-082410	8/24/2010	2-Methylphenol	0.15	mg/Kg	UJ
ML-09-S-082110	8/21/2010	2-Methylphenol	0.15	mg/Kg	U
ML-10-S-082110	8/21/2010	2-Methylphenol	0.15	mg/Kg	U
ML-10-S-082110	8/21/2010	2-Methylphenol	0.15	mg/Kg	U
ML-05-S-082010	8/20/2010	2-Methylphenol	0.15	mg/Kg	U
ML-10-S-081610	8/16/2010	2-Methylphenol	0.15	mg/Kg	U
ML-10-S-081610	8/16/2010	2-Methylphenol	0.15	mg/Kg	U
ML-02-S-082510	8/25/2010	2-Methylphenol	0.14	mg/Kg	U
ML-09-S-082410	8/24/2010	2-Methylphenol	0.14	mg/Kg	UJ
ML-01-S-082110	8/21/2010	2-Methylphenol	0.14	mg/Kg	U
ML-03-S-082510	8/25/2010	2-Methylphenol	0.13	mg/Kg	U
ML-02-S-082010	8/20/2010	2-Methylphenol	0.13	mg/Kg	U
ML-03-S-082010	8/20/2010	2-Methylphenol	0.13	mg/Kg	U
ML-04-S-082010	8/20/2010	2-Methylphenol	0.13	mg/Kg	U
ML-03-S-081610	8/16/2010	2-Methylphenol	0.12	mg/Kg	U
SEE08271145RCM1	8/27/2010	2-Nitroaniline	4100	ug/kg	U
SEE10211035JDF1	10/21/2010	2-Nitroaniline	4000	ug/Kg	UJ
SEE10211430JDF1	10/21/2010	2-Nitroaniline	3600	ug/Kg	U
SEE10191005JDF1	10/19/2010	2-Nitroaniline	3600	ug/Kg	U
SEE08261620RCM1	8/26/2010	2-Nitroaniline	3600	ug/kg	U
SEE10221110JDF1	10/22/2010	2-Nitroaniline	3400	ug/Kg	U
SEE10221110JDF1	10/22/2010	2-Nitroaniline	3400	ug/Kg	U
SEE10191515JDF1	10/19/2010	2-Nitroaniline	3400	ug/Kg	U
SEE10191415JDF1	10/19/2010	2-Nitroaniline	3300	ug/Kg	U
SEE10211010JWP1	10/21/2010	2-Nitroaniline	3200	ug/Kg	U
SEE10191155JDF1	10/19/2010	2-Nitroaniline	3200	ug/Kg	U
SEE10191100JDF1	10/19/2010	2-Nitroaniline	3000	ug/Kg	U
SEE09051430PML1	9/5/2010	2-Nitroaniline	3000	ug/Kg	U
SEE09011635PML1	9/1/2010	2-Nitroaniline	3000	ug/Kg	U
SEE08261420RCM1	8/26/2010	2-Nitroaniline	3000	ug/kg	U
SEE10221055DWS1	10/22/2010	2-Nitroaniline	2900	ug/Kg	U
SEE10191010JWP1	10/19/2010	2-Nitroaniline	2800	ug/Kg	U
SEE08281607TWH1	8/28/2010	2-Nitroaniline	2100	ug/kg	U
SEE08281630RCM1	8/28/2010	2-Nitroaniline	2100	ug/kg	U
SEE08281505PML1	8/28/2010	2-Nitroaniline	1800	ug/kg	U
SEE08271215PML1	8/27/2010	2-Nitroaniline	1800	ug/kg	U
SEE08271500PML1	8/27/2010	2-Nitroaniline	1700	ug/kg	U
SEE08271614TWH1	8/27/2010	2-Nitroaniline	1700	ug/kg	U
SEE10221450DWS1	10/22/2010	2-Nitroaniline	1600	ug/Kg	U
SEE08291110PML1	8/29/2010	2-Nitroaniline	1500	ug/kg	U
SEE10211345JWP1	10/21/2010	2-Nitroaniline	1400	ug/Kg	U
SEE08281215PML1	8/28/2010	2-Nitroaniline	1400	ug/kg	U

**TABLE B-2b**  
**Upstream Sediment Samples (Morrow Lake)**

Sample ID	Sample Date	Analyte	Result	Unit	Data Qualifier
SEE08281420TWH1	8/28/2010	2-Nitroaniline	1400	ug/kg	U
SEE08281510TWH1	8/28/2010	2-Nitroaniline	1400	ug/kg	U
SEE08291421KAP1	8/29/2010	2-Nitroaniline	1300	ug/kg	U
SEE08271652TWH1	8/27/2010	2-Nitroaniline	1300	ug/kg	U
SEF10221050MAE3	10/22/2010	2-Nitroaniline	1000	ug/Kg	U
SEE08291550KAP1	8/29/2010	2-Nitroaniline	1000	ug/kg	U
SEF10191135NAC3	10/19/2010	2-Nitroaniline	980	ug/Kg	U
SEE10051125PML1	10/5/2010	2-Nitroaniline	930	ug/Kg	U
SEE09061500PML1	9/6/2010	2-Nitroaniline	920	ug/Kg	U
SEE09021400PML1	9/2/2010	2-Nitroaniline	920	ug/Kg	U
SEE09301105JDF1	9/30/2010	2-Nitroaniline	910	ug/Kg	U
SEE08301130PML1	8/30/2010	2-Nitroaniline	910	ug/Kg	U
SEE10171410JDF1	10/17/2010	2-Nitroaniline	880	ug/Kg	U
SEE09181235PML1	9/18/2010	2-Nitroaniline	880	ug/Kg	U
SEE09101022PML1	9/10/2010	2-Nitroaniline	880	ug/Kg	UJ
SEE10191115JWP1	10/19/2010	2-Nitroaniline	870	ug/Kg	U
SEE09011545PML1	9/1/2010	2-Nitroaniline	870	ug/Kg	U
SEE09231645JDF1	9/23/2010	2-Nitroaniline	860	ug/Kg	U
SEE09141135PML1	9/14/2010	2-Nitroaniline	860	ug/Kg	U
SEE09091410RCM1	9/9/2010	2-Nitroaniline	860	ug/Kg	U
SEE10081115PML1	10/8/2010	2-Nitroaniline	850	ug/Kg	U
SEE09121105RCM1	9/12/2010	2-Nitroaniline	850	ug/Kg	UJ
SEE09101215PML1	9/10/2010	2-Nitroaniline	850	ug/Kg	UJ
SEE09081020RCM1	9/8/2010	2-Nitroaniline	850	ug/Kg	U
SEE09031645MHS1	9/3/2010	2-Nitroaniline	850	ug/Kg	U
SEE09011545MHS1	9/1/2010	2-Nitroaniline	850	ug/Kg	U
SEE08311420PML1	8/31/2010	2-Nitroaniline	850	ug/Kg	U
SEE08311420PML1	8/31/2010	2-Nitroaniline	850	ug/Kg	U
SEE10131150JDF1	10/13/2010	2-Nitroaniline	840	ug/Kg	U
SEE09301255JDF1	9/30/2010	2-Nitroaniline	840	ug/Kg	U
SEE08291354KAP1	8/29/2010	2-Nitroaniline	840	ug/kg	U
SEE09030925PML1	9/3/2010	2-Nitroaniline	830	ug/Kg	U
SEE10091401PML1	10/9/2010	2-Nitroaniline	820	ug/Kg	U
SEE09051550MHS1	9/5/2010	2-Nitroaniline	820	ug/Kg	U
SEE09291023RCM1	9/29/2010	2-Nitroaniline	810	ug/Kg	U
SEE09121436RCM1	9/12/2010	2-Nitroaniline	810	ug/Kg	UJ
SEE09021010PML1	9/2/2010	2-Nitroaniline	810	ug/Kg	U
SEE10041530JDF1	10/4/2010	2-Nitroaniline	800	ug/Kg	U
SEE09101625PML1	9/10/2010	2-Nitroaniline	800	ug/Kg	UJ
SEE09061525MHS1	9/6/2010	2-Nitroaniline	800	ug/Kg	U
SEE09031100PML1	9/3/2010	2-Nitroaniline	800	ug/Kg	U
SEE08301638MHS1	8/30/2010	2-Nitroaniline	800	ug/Kg	U
SEE10181035JDF1	10/18/2010	2-Nitroaniline	790	ug/Kg	U
SEE10091614PML1	10/9/2010	2-Nitroaniline	790	ug/Kg	U
SEE10051653PML1	10/5/2010	2-Nitroaniline	790	ug/Kg	U
SEE09231210JDF1	9/23/2010	2-Nitroaniline	790	ug/Kg	U
SEE09141515PML1	9/14/2010	2-Nitroaniline	790	ug/Kg	U
SEE09131026RCM1	9/13/2010	2-Nitroaniline	790	ug/Kg	U
SEE09051130PML1	9/5/2010	2-Nitroaniline	790	ug/Kg	U
SEE08301550PML1	8/30/2010	2-Nitroaniline	790	ug/Kg	U
SEE10171115JDF1	10/17/2010	2-Nitroaniline	780	ug/Kg	U
SEE10141015JDF1	10/14/2010	2-Nitroaniline	780	ug/Kg	U
SEE09220935RCM1	9/22/2010	2-Nitroaniline	780	ug/Kg	U
SEE09191445RCM1	9/19/2010	2-Nitroaniline	780	ug/Kg	U
SEE09161045PML1	9/16/2010	2-Nitroaniline	780	ug/Kg	U
SEE09071050PML1	9/7/2010	2-Nitroaniline	780	ug/Kg	U
SEE10181510JDF1	10/18/2010	2-Nitroaniline	770	ug/Kg	U
SEE10181510JDF1	10/18/2010	2-Nitroaniline	770	ug/Kg	U
SEE10061205PML1	10/6/2010	2-Nitroaniline	770	ug/Kg	U
SEE10031115JDF1	10/3/2010	2-Nitroaniline	770	ug/Kg	U



**TABLE B-2b**  
**Upstream Sediment Samples (Morrow Lake)**

Sample ID	Sample Date	Analyte	Result	Unit	Data Qualifier
SEE10031115JDF1	10/3/2010	2-Nitroaniline	770	ug/Kg	U
SEE09171415PML1	9/17/2010	2-Nitroaniline	770	ug/Kg	U
SEE09140945PML1	9/14/2010	2-Nitroaniline	770	ug/Kg	U
SEE09131445RCM1	9/13/2010	2-Nitroaniline	770	ug/Kg	U
SEE09131505PML1	9/13/2010	2-Nitroaniline	770	ug/Kg	U
SEE08301145MHS1	8/30/2010	2-Nitroaniline	770	ug/Kg	U
SEE10141555ARM1	10/14/2010	2-Nitroaniline	760	ug/Kg	U
SEE10101215PML1	10/10/2010	2-Nitroaniline	760	ug/Kg	U
SEE10101215PML1	10/10/2010	2-Nitroaniline	760	ug/Kg	U
SEE09170839RCM1	9/17/2010	2-Nitroaniline	760	ug/Kg	U
SEE09081205PML1	9/8/2010	2-Nitroaniline	760	ug/Kg	U
SEE09031140MHS1	9/3/2010	2-Nitroaniline	760	ug/Kg	U
SEE10061051RCM1	10/6/2010	2-Nitroaniline	750	ug/Kg	U
SEE10041138RCM1	10/4/2010	2-Nitroaniline	750	ug/Kg	U
SEE09251135JDF1	9/25/2010	2-Nitroaniline	750	ug/Kg	U
SEE09200945PML1	9/20/2010	2-Nitroaniline	750	ug/Kg	U
SEE09200945PML1	9/20/2010	2-Nitroaniline	750	ug/Kg	U
SEE09191040PML1	9/19/2010	2-Nitroaniline	750	ug/Kg	U
SEE09181705PML1	9/18/2010	2-Nitroaniline	750	ug/Kg	U
SEE09091005RCM1	9/9/2010	2-Nitroaniline	750	ug/Kg	U
SEE09061105PML1	9/6/2010	2-Nitroaniline	750	ug/Kg	U
SEE09031650PML1	9/3/2010	2-Nitroaniline	750	ug/Kg	U
SEE09031650PML1	9/3/2010	2-Nitroaniline	750	ug/Kg	U
SEE10141150JDF1	10/14/2010	2-Nitroaniline	740	ug/Kg	U
SEE10101010PML1	10/10/2010	2-Nitroaniline	740	ug/Kg	U
SEE10081051RCM1	10/8/2010	2-Nitroaniline	740	ug/Kg	U
SEE09261625JDF1	9/26/2010	2-Nitroaniline	740	ug/Kg	U
SEE09261625JDF1	9/26/2010	2-Nitroaniline	740	ug/Kg	U
SEE09191530PML1	9/19/2010	2-Nitroaniline	740	ug/Kg	U
SEE09151145PML1	9/15/2010	2-Nitroaniline	740	ug/Kg	U
SEE09151145PML1	9/15/2010	2-Nitroaniline	740	ug/Kg	U
SEE09121055PML1	9/12/2010	2-Nitroaniline	740	ug/Kg	UJ
SEE09121055PML1	9/12/2010	2-Nitroaniline	740	ug/Kg	UJ
SEE09091515PML1	9/9/2010	2-Nitroaniline	740	ug/Kg	U
SEE09081010PML1	9/8/2010	2-Nitroaniline	740	ug/Kg	U
SEE08311045PML1	8/31/2010	2-Nitroaniline	740	ug/Kg	U
SEE10161530JDF1	10/16/2010	2-Nitroaniline	730	ug/Kg	U
SEE10141550JDF1	10/14/2010	2-Nitroaniline	730	ug/Kg	U
SEE10141550JDF1	10/14/2010	2-Nitroaniline	730	ug/Kg	U
SEE10121155JDF1	10/12/2010	2-Nitroaniline	730	ug/Kg	U
SEE10011120JDF1	10/1/2010	2-Nitroaniline	730	ug/Kg	U
SEE09260930RCM1	9/26/2010	2-Nitroaniline	730	ug/Kg	U
SEE09230955RCM1	9/23/2010	2-Nitroaniline	730	ug/Kg	U
SEE09151015PML1	9/15/2010	2-Nitroaniline	730	ug/Kg	U
SEE09111015PML1	9/11/2010	2-Nitroaniline	730	ug/Kg	UJ
SEE10181210JDF1	10/18/2010	2-Nitroaniline	720	ug/Kg	U
SEE10150945JDF1	10/15/2010	2-Nitroaniline	720	ug/Kg	U
SEE10120930JDF1	10/12/2010	2-Nitroaniline	720	ug/Kg	U
SEE10081231PML1	10/8/2010	2-Nitroaniline	720	ug/Kg	U
SEE10071042RCM1	10/7/2010	2-Nitroaniline	720	ug/Kg	U
SEE10071101PML1	10/7/2010	2-Nitroaniline	720	ug/Kg	U
SEE09261215JDF1	9/26/2010	2-Nitroaniline	720	ug/Kg	U
SEE09011050PML1	9/1/2010	2-Nitroaniline	720	ug/Kg	U
SEE09221440JDF1	9/22/2010	2-Nitroaniline	710	ug/Kg	U
SEE09040950PML1	9/4/2010	2-Nitroaniline	710	ug/Kg	U
SEE10181430JWP1	10/18/2010	2-Nitroaniline	700	ug/Kg	U
SEE10161115ARM1	10/16/2010	2-Nitroaniline	700	ug/Kg	U
SEE10061640PML1	10/6/2010	2-Nitroaniline	700	ug/Kg	U
SEE10061640PML1	10/6/2010	2-Nitroaniline	700	ug/Kg	U
SEE09301205RCM1	9/30/2010	2-Nitroaniline	700	ug/Kg	U

**TABLE B-2b**  
**Upstream Sediment Samples (Morrow Lake)**

Sample ID	Sample Date	Analyte	Result	Unit	Data Qualifier
SEE09211155JDF1	9/21/2010	2-Nitroaniline	700	ug/Kg	UJ
SEE09201115RCM1	9/20/2010	2-Nitroaniline	700	ug/Kg	U
SEE09171445RCM1	9/17/2010	2-Nitroaniline	700	ug/Kg	U
SEE09161035RCM1	9/16/2010	2-Nitroaniline	700	ug/Kg	U
SEE10041150JDF1	10/4/2010	2-Nitroaniline	690	ug/Kg	U
SEE09121450PML1	9/12/2010	2-Nitroaniline	690	ug/Kg	UJ
SEE08301520JRP1	8/30/2010	2-Nitroaniline	690	ug/Kg	U
SEE08291445PML1	8/29/2010	2-Nitroaniline	690	ug/kg	U
SEE10111125JDF1	10/11/2010	2-Nitroaniline	680	ug/Kg	U
SEE09271130JDF1	9/27/2010	2-Nitroaniline	680	ug/Kg	U
SEE09131620PML1	9/13/2010	2-Nitroaniline	680	ug/Kg	U
SEE09061130MHS1	9/6/2010	2-Nitroaniline	680	ug/Kg	U
SEE08261445JRP1	8/26/2010	2-Nitroaniline	680	ug/Kg	U
SEE10031425JDF1	10/3/2010	2-Nitroaniline	670	ug/Kg	U
SEE09291035JDF1	9/29/2010	2-Nitroaniline	670	ug/Kg	U
SEE09250905RCM1	9/25/2010	2-Nitroaniline	670	ug/Kg	U
SEE09211530JDF1	9/21/2010	2-Nitroaniline	670	ug/Kg	UJ
SEE09131125PML1	9/13/2010	2-Nitroaniline	670	ug/Kg	U
SEE09091605PML1	9/9/2010	2-Nitroaniline	670	ug/Kg	U
SEE09041350PML1	9/4/2010	2-Nitroaniline	670	ug/Kg	U
SEE09011255PML1	9/1/2010	2-Nitroaniline	670	ug/Kg	U
SEE09170945PML1	9/17/2010	2-Nitroaniline	660	ug/Kg	U
SEE09091145PML1	9/9/2010	2-Nitroaniline	660	ug/Kg	U
SEE08301445JRP1	8/30/2010	2-Nitroaniline	660	ug/Kg	U
SEE09091410PML1	9/9/2010	2-Nitroaniline	650	ug/Kg	U
SEE09171125PML1	9/17/2010	2-Nitroaniline	640	ug/Kg	U
SEE09051015PML1	9/5/2010	2-Nitroaniline	640	ug/Kg	U
SEE10161415JDF1	10/16/2010	2-Nitroaniline	630	ug/Kg	U
SEE10111011JDF1	10/11/2010	2-Nitroaniline	630	ug/Kg	U
SEE09130940PML1	9/13/2010	2-Nitroaniline	630	ug/Kg	U
SEE08301015JRP1	8/30/2010	2-Nitroaniline	630	ug/Kg	U
SEE10121415ARM1	10/12/2010	2-Nitroaniline	620	ug/Kg	U
SEE10071540PML1	10/7/2010	2-Nitroaniline	620	ug/Kg	U
SEE09031115JAW1	9/3/2010	2-Nitroaniline	620	ug/Kg	U
SEE08301530JAW1	8/30/2010	2-Nitroaniline	620	ug/Kg	U
SEE10161055JDF1	10/16/2010	2-Nitroaniline	610	ug/Kg	U
SEE10071205PML1	10/7/2010	2-Nitroaniline	610	ug/Kg	U
SEE09271515JDF1	9/27/2010	2-Nitroaniline	610	ug/Kg	U
SEE09211112RCM1	9/21/2010	2-Nitroaniline	610	ug/Kg	UJ
SEE09201645ARM1	9/20/2010	2-Nitroaniline	610	ug/Kg	U
SEE09171530PML1	9/17/2010	2-Nitroaniline	610	ug/Kg	U
SEE09091010PML1	9/9/2010	2-Nitroaniline	610	ug/Kg	U
SEE09091025JRP1	9/9/2010	2-Nitroaniline	610	ug/Kg	U
SEE10111350JDF1	10/11/2010	2-Nitroaniline	600	ug/Kg	U
SEE09290925JDF1	9/29/2010	2-Nitroaniline	600	ug/Kg	U
SEE09221105JDF1	9/22/2010	2-Nitroaniline	600	ug/Kg	U
SEE09221615JDF1	9/22/2010	2-Nitroaniline	600	ug/Kg	U
SEE10151055ARM1	10/15/2010	2-Nitroaniline	590	ug/Kg	U
SEE09301255MAE1	9/30/2010	2-Nitroaniline	590	ug/Kg	U
SEE09011145PML1	9/1/2010	2-Nitroaniline	590	ug/Kg	U
SEE10041050JDF1	10/4/2010	2-Nitroaniline	580	ug/Kg	U
SEE09231130ARM1	9/23/2010	2-Nitroaniline	580	ug/Kg	U
SEE10121030JDF1	10/12/2010	2-Nitroaniline	570	ug/Kg	U
SEE10041335JDF1	10/4/2010	2-Nitroaniline	570	ug/Kg	U
SEE09271025ARM1	9/27/2010	2-Nitroaniline	570	ug/Kg	U
SEE08271445JRP1	8/27/2010	2-Nitroaniline	570	ug/kg	U
SEE10040945JDF1	10/4/2010	2-Nitroaniline	560	ug/Kg	U
SEE09130955JRP1	9/13/2010	2-Nitroaniline	560	ug/Kg	U
SEE08271536TWH1	8/27/2010	2-Nitroaniline	560	ug/kg	U
SEE09291645JDF1	9/29/2010	2-Nitroaniline	550	ug/Kg	U

**TABLE B-2b**  
**Upstream Sediment Samples (Morrow Lake)**

Sample ID	Sample Date	Analyte	Result	Unit	Data Qualifier
SEE09141312RCM1	9/14/2010	2-Nitroaniline	530	ug/Kg	U
SEB08281400JLS1	8/28/2010	2-Nitroaniline	530	ug/kg	U
SEE08281540JRP1	8/28/2010	2-Nitroaniline	520	ug/kg	U
SEE10151355ARM1	10/15/2010	2-Nitroaniline	480	ug/Kg	U
SEE10041355ARM1	10/4/2010	2-Nitroaniline	480	ug/Kg	U
SEE09090900JRP1	9/9/2010	2-Nitroaniline	470	ug/Kg	U
SEE08311010JRP1	8/31/2010	2-Nitroaniline	470	ug/Kg	U
SEE08311348MHS1	8/31/2010	2-Nitroaniline	470	ug/Kg	U
SEE10170915JDF1	10/17/2010	2-Nitroaniline	460	ug/Kg	U
SEE10071415ARM1	10/7/2010	2-Nitroaniline	460	ug/Kg	U
SEE09291135JDF1	9/29/2010	2-Nitroaniline	460	ug/Kg	U
SEE10071151RCM1	10/7/2010	2-Nitroaniline	430	ug/Kg	U
SEE08300920JRP1	8/30/2010	2-Nitroaniline	410	ug/Kg	U
SEE09051500MHS1	9/5/2010	2-Nitroaniline	380	ug/Kg	U
SEE10141025ARM1	10/14/2010	2-Nitroaniline	370	ug/Kg	U
SEE10091200ARM1	10/9/2010	2-Nitroaniline	330	ug/Kg	U
SEE09130915JRP1	9/13/2010	2-Nitroaniline	330	ug/Kg	U
SEE09061610JAW1	9/6/2010	2-Nitroaniline	290	ug/Kg	U
SEE10051415ARM1	10/5/2010	2-Nitroaniline	280	ug/Kg	U
SEE10171535ARM1	10/17/2010	2-Nitroaniline	270	ug/Kg	U
SEE08261700JRP1	8/26/2010	2-Nitroaniline	270	ug/Kg	U
SEE09100945RCM1	9/10/2010	2-Nitroaniline	260	ug/Kg	UJ
SEE08301410JRP1	8/30/2010	2-Nitroaniline	260	ug/Kg	U
SEE10011125ARM1	10/1/2010	2-Nitroaniline	250	ug/Kg	U
SEE09211120ARM1	9/21/2010	2-Nitroaniline	250	ug/Kg	UJ
SEE09201110ARM1	9/20/2010	2-Nitroaniline	250	ug/Kg	U
SEE10081035ARM1	10/8/2010	2-Nitroaniline	240	ug/Kg	U
SEE09171200ARM1	9/17/2010	2-Nitroaniline	240	ug/Kg	U
SEF10011045TDF1	10/1/2010	2-Nitroaniline	230	ug/Kg	U
SEE09290915MAE1	9/29/2010	2-Nitroaniline	230	ug/Kg	U
SEE09271500ARM1	9/27/2010	2-Nitroaniline	230	ug/Kg	U
SEE09231205RCM1	9/23/2010	2-Nitroaniline	230	ug/Kg	U
SEE09200911RCM1	9/20/2010	2-Nitroaniline	230	ug/Kg	U
SEE09140945JRP1	9/14/2010	2-Nitroaniline	230	ug/Kg	U
SEF10081108TDF3	10/8/2010	2-Nitroaniline	220	ug/Kg	U
SEE10071045ARM1	10/7/2010	2-Nitroaniline	220	ug/Kg	U
SEE10041045ARM1	10/4/2010	2-Nitroaniline	220	ug/Kg	U
SEE10011043RCM1	10/1/2010	2-Nitroaniline	220	ug/Kg	U
SEE09281445RCM1	9/28/2010	2-Nitroaniline	220	ug/Kg	U
SEE09251235ARM1	9/25/2010	2-Nitroaniline	220	ug/Kg	U
SEE09231035ARM1	9/23/2010	2-Nitroaniline	220	ug/Kg	U
SEE09170935RCM1	9/17/2010	2-Nitroaniline	220	ug/Kg	U
SEE09150915JRP1	9/15/2010	2-Nitroaniline	220	ug/Kg	U
SEE09070930JRP1	9/7/2010	2-Nitroaniline	220	ug/Kg	U
SEB09011143JLS1	9/1/2010	2-Nitroaniline	220	ug/Kg	U
SEE08301100JRP1	8/30/2010	2-Nitroaniline	220	ug/Kg	U
SEF10151030PMB3	10/15/2010	2-Nitroaniline	210	ug/Kg	U
SEF10121130PMB3	10/12/2010	2-Nitroaniline	210	ug/Kg	U
SEE10061135ARM1	10/6/2010	2-Nitroaniline	210	ug/Kg	U
SEF10051206TDF3	10/5/2010	2-Nitroaniline	210	ug/Kg	U
SEE09100920JRP1	9/10/2010	2-Nitroaniline	210	ug/Kg	UJ
SEE09051500JAW1	9/5/2010	2-Nitroaniline	210	ug/Kg	U
SEE10131035ARM1	10/13/2010	2-Nitroaniline	200	ug/Kg	U
SEE10121040ARM1	10/12/2010	2-Nitroaniline	200	ug/Kg	U
SEE10051145RCM1	10/5/2010	2-Nitroaniline	200	ug/Kg	U
SEE09301025MAE1	9/30/2010	2-Nitroaniline	200	ug/Kg	U
SEF09281139TDF1	9/28/2010	2-Nitroaniline	200	ug/Kg	U
SEE09221045ARM1	9/22/2010	2-Nitroaniline	200	ug/Kg	U
SEE09080930JRP1	9/8/2010	2-Nitroaniline	200	ug/Kg	U
SEE09011515JAW1	9/1/2010	2-Nitroaniline	200	ug/Kg	U

**TABLE B-2b**  
**Upstream Sediment Samples (Morrow Lake)**

Sample ID	Sample Date	Analyte	Result	Unit	Data Qualifier
SEE10181030JWP1	10/18/2010	2-Nitroaniline	190	ug/Kg	U
ML-07-S-081810	8/18/2010	2-Nitroaniline	0.37	mg/Kg	UJ
ML-06-S-082310	8/23/2010	2-Nitroaniline	0.33	mg/Kg	U
ML-04-S-081710	8/17/2010	2-Nitroaniline	0.32	mg/Kg	U
ML-04-S-082610	8/26/2010	2-Nitroaniline	0.31	mg/Kg	U
ML-03-S-082310	8/23/2010	2-Nitroaniline	0.31	mg/Kg	U
ML-10-S-081910	8/19/2010	2-Nitroaniline	0.31	mg/Kg	U
ML-10-S-081910	8/19/2010	2-Nitroaniline	0.31	mg/Kg	U
ML-09-S-081810	8/18/2010	2-Nitroaniline	0.31	mg/Kg	UJ
ML-06-S-081710	8/17/2010	2-Nitroaniline	0.31	mg/Kg	U
ML-10-S-082610	8/26/2010	2-Nitroaniline	0.30	mg/Kg	U
ML-10-S-082610	8/26/2010	2-Nitroaniline	0.30	mg/Kg	U
ML-05-S-082310	8/23/2010	2-Nitroaniline	0.28	mg/Kg	U
ML-05-S-081710	8/17/2010	2-Nitroaniline	0.26	mg/Kg	U
ML-02-S-082310	8/23/2010	2-Nitroaniline	0.25	mg/Kg	U
ML-02-S-081710	8/17/2010	2-Nitroaniline	0.24	mg/Kg	U
ML-01-S-081910	8/19/2010	2-Nitroaniline	0.23	mg/Kg	J
ML-06-S-082510	8/25/2010	2-Nitroaniline	0.18	mg/Kg	U
ML-07-S-082410	8/24/2010	2-Nitroaniline	0.18	mg/Kg	UJ
ML-07-S-082110	8/21/2010	2-Nitroaniline	0.18	mg/Kg	U
ML-05-S-082610	8/26/2010	2-Nitroaniline	0.17	mg/Kg	U
ML-07-S-082510	8/25/2010	2-Nitroaniline	0.17	mg/Kg	U
ML-08-S-082110	8/21/2010	2-Nitroaniline	0.17	mg/Kg	U
ML-07-S-081610	8/16/2010	2-Nitroaniline	0.17	mg/Kg	U
ML-08-S-081610	8/16/2010	2-Nitroaniline	0.17	mg/Kg	U
ML-08-S-082510	8/25/2010	2-Nitroaniline	0.16	mg/Kg	U
ML-08-S-082410	8/24/2010	2-Nitroaniline	0.16	mg/Kg	UJ
ML-06-S-082010	8/20/2010	2-Nitroaniline	0.16	mg/Kg	U
ML-01-S-081610	8/16/2010	2-Nitroaniline	0.16	mg/Kg	U
ML-01-S-082510	8/25/2010	2-Nitroaniline	0.15	mg/Kg	U
ML-09-S-082510	8/25/2010	2-Nitroaniline	0.15	mg/Kg	U
ML-04-S-082410	8/24/2010	2-Nitroaniline	0.15	mg/Kg	UJ
ML-10-S-082410	8/24/2010	2-Nitroaniline	0.15	mg/Kg	UJ
ML-10-S-082410	8/24/2010	2-Nitroaniline	0.15	mg/Kg	UJ
ML-09-S-082110	8/21/2010	2-Nitroaniline	0.15	mg/Kg	U
ML-10-S-082110	8/21/2010	2-Nitroaniline	0.15	mg/Kg	U
ML-10-S-082110	8/21/2010	2-Nitroaniline	0.15	mg/Kg	U
ML-05-S-082010	8/20/2010	2-Nitroaniline	0.15	mg/Kg	U
ML-10-S-081610	8/16/2010	2-Nitroaniline	0.15	mg/Kg	U
ML-10-S-081610	8/16/2010	2-Nitroaniline	0.15	mg/Kg	U
ML-02-S-082510	8/25/2010	2-Nitroaniline	0.14	mg/Kg	U
ML-09-S-082410	8/24/2010	2-Nitroaniline	0.14	mg/Kg	UJ
ML-01-S-082110	8/21/2010	2-Nitroaniline	0.14	mg/Kg	U
ML-03-S-082510	8/25/2010	2-Nitroaniline	0.13	mg/Kg	U
ML-02-S-082010	8/20/2010	2-Nitroaniline	0.13	mg/Kg	U
ML-03-S-082010	8/20/2010	2-Nitroaniline	0.13	mg/Kg	U
ML-04-S-082010	8/20/2010	2-Nitroaniline	0.13	mg/Kg	U
ML-03-S-081610	8/16/2010	2-Nitroaniline	0.12	mg/Kg	U
SEE09011635PML1	9/1/2010	2-Nitrophenol	6000	ug/Kg	U
SEE09051430PML1	9/5/2010	2-Nitrophenol	5900	ug/Kg	U
SEE10051125PML1	10/5/2010	2-Nitrophenol	1800	ug/Kg	U
SEE09301105JDF1	9/30/2010	2-Nitrophenol	1800	ug/Kg	U
SEE09061500PML1	9/6/2010	2-Nitrophenol	1800	ug/Kg	U
SEE09021400PML1	9/2/2010	2-Nitrophenol	1800	ug/Kg	U
SEE08301130PML1	8/30/2010	2-Nitrophenol	1800	ug/Kg	U
SEE10171410JDF1	10/17/2010	2-Nitrophenol	1700	ug/Kg	U
SEE10131150JDF1	10/13/2010	2-Nitrophenol	1700	ug/Kg	U
SEE10081115PML1	10/8/2010	2-Nitrophenol	1700	ug/Kg	UJ
SEE09301255JDF1	9/30/2010	2-Nitrophenol	1700	ug/Kg	U
SEE09231645JDF1	9/23/2010	2-Nitrophenol	1700	ug/Kg	U

**TABLE B-2b**  
**Upstream Sediment Samples (Morrow Lake)**

Sample ID	Sample Date	Analyte	Result	Unit	Data Qualifier
SEE09181235PML1	9/18/2010	2-Nitrophenol	1700	ug/Kg	UJ
SEE09141135PML1	9/14/2010	2-Nitrophenol	1700	ug/Kg	U
SEE09121105RCM1	9/12/2010	2-Nitrophenol	1700	ug/Kg	UJ
SEE09101022PML1	9/10/2010	2-Nitrophenol	1700	ug/Kg	UJ
SEE09101215PML1	9/10/2010	2-Nitrophenol	1700	ug/Kg	UJ
SEE09091410RCM1	9/9/2010	2-Nitrophenol	1700	ug/Kg	U
SEE09081020RCM1	9/8/2010	2-Nitrophenol	1700	ug/Kg	U
SEE09031645MHS1	9/3/2010	2-Nitrophenol	1700	ug/Kg	U
SEE09011545MHS1	9/1/2010	2-Nitrophenol	1700	ug/Kg	U
SEE09011545PML1	9/1/2010	2-Nitrophenol	1700	ug/Kg	U
SEE08311420PML1	8/31/2010	2-Nitrophenol	1700	ug/Kg	U
SEE08311420PML1	8/31/2010	2-Nitrophenol	1700	ug/Kg	U
SEE10181035JDF1	10/18/2010	2-Nitrophenol	1600	ug/Kg	U
SEE10091401PML1	10/9/2010	2-Nitrophenol	1600	ug/Kg	UJ
SEE10091614PML1	10/9/2010	2-Nitrophenol	1600	ug/Kg	UJ
SEE10051653PML1	10/5/2010	2-Nitrophenol	1600	ug/Kg	U
SEE10041530JDF1	10/4/2010	2-Nitrophenol	1600	ug/Kg	U
SEE09291023RCM1	9/29/2010	2-Nitrophenol	1600	ug/Kg	UJ
SEE09231210JDF1	9/23/2010	2-Nitrophenol	1600	ug/Kg	U
SEE09141515PML1	9/14/2010	2-Nitrophenol	1600	ug/Kg	U
SEE09131026RCM1	9/13/2010	2-Nitrophenol	1600	ug/Kg	U
SEE09121436RCM1	9/12/2010	2-Nitrophenol	1600	ug/Kg	UJ
SEE09101625PML1	9/10/2010	2-Nitrophenol	1600	ug/Kg	UJ
SEE09061525MHS1	9/6/2010	2-Nitrophenol	1600	ug/Kg	U
SEE09051130PML1	9/5/2010	2-Nitrophenol	1600	ug/Kg	U
SEE09051550MHS1	9/5/2010	2-Nitrophenol	1600	ug/Kg	U
SEE09030925PML1	9/3/2010	2-Nitrophenol	1600	ug/Kg	U
SEE09031100PML1	9/3/2010	2-Nitrophenol	1600	ug/Kg	U
SEE09021010PML1	9/2/2010	2-Nitrophenol	1600	ug/Kg	U
SEE08301550PML1	8/30/2010	2-Nitrophenol	1600	ug/Kg	U
SEE08301638MHS1	8/30/2010	2-Nitrophenol	1600	ug/Kg	U
SEE08271145RCM1	8/27/2010	2-Nitrophenol	1600	ug/kg	U
SEE10181510JDF1	10/18/2010	2-Nitrophenol	1500	ug/Kg	U
SEE10181510JDF1	10/18/2010	2-Nitrophenol	1500	ug/Kg	U
SEE10171115JDF1	10/17/2010	2-Nitrophenol	1500	ug/Kg	U
SEE10141015JDF1	10/14/2010	2-Nitrophenol	1500	ug/Kg	UJ
SEE10141150JDF1	10/14/2010	2-Nitrophenol	1500	ug/Kg	UJ
SEE10141555ARM1	10/14/2010	2-Nitrophenol	1500	ug/Kg	UJ
SEE10121155JDF1	10/12/2010	2-Nitrophenol	1500	ug/Kg	U
SEE10101010PML1	10/10/2010	2-Nitrophenol	1500	ug/Kg	U
SEE10101215PML1	10/10/2010	2-Nitrophenol	1500	ug/Kg	U
SEE10101215PML1	10/10/2010	2-Nitrophenol	1500	ug/Kg	U
SEE10081051RCM1	10/8/2010	2-Nitrophenol	1500	ug/Kg	UJ
SEE10061051RCM1	10/6/2010	2-Nitrophenol	1500	ug/Kg	U
SEE10061205PML1	10/6/2010	2-Nitrophenol	1500	ug/Kg	U
SEE10041138RCM1	10/4/2010	2-Nitrophenol	1500	ug/Kg	U
SEE10031115JDF1	10/3/2010	2-Nitrophenol	1500	ug/Kg	UJ
SEE10031115JDF1	10/3/2010	2-Nitrophenol	1500	ug/Kg	UJ
SEE09260930RCM1	9/26/2010	2-Nitrophenol	1500	ug/Kg	U
SEE09261625JDF1	9/26/2010	2-Nitrophenol	1500	ug/Kg	U
SEE09261625JDF1	9/26/2010	2-Nitrophenol	1500	ug/Kg	U
SEE09251135JDF1	9/25/2010	2-Nitrophenol	1500	ug/Kg	UJ
SEE09220935RCM1	9/22/2010	2-Nitrophenol	1500	ug/Kg	U
SEE09200945PML1	9/20/2010	2-Nitrophenol	1500	ug/Kg	U
SEE09200945PML1	9/20/2010	2-Nitrophenol	1500	ug/Kg	U
SEE09191040PML1	9/19/2010	2-Nitrophenol	1500	ug/Kg	U
SEE09191445RCM1	9/19/2010	2-Nitrophenol	1500	ug/Kg	U
SEE09191530PML1	9/19/2010	2-Nitrophenol	1500	ug/Kg	U
SEE09181705PML1	9/18/2010	2-Nitrophenol	1500	ug/Kg	UJ
SEE09170839RCM1	9/17/2010	2-Nitrophenol	1500	ug/Kg	U

**TABLE B-2b**  
**Upstream Sediment Samples (Morrow Lake)**

Sample ID	Sample Date	Analyte	Result	Unit	Data Qualifier
SEE09171415PML1	9/17/2010	2-Nitrophenol	1500	ug/Kg	U
SEE09161045PML1	9/16/2010	2-Nitrophenol	1500	ug/Kg	U
SEE09151145PML1	9/15/2010	2-Nitrophenol	1500	ug/Kg	U
SEE09151145PML1	9/15/2010	2-Nitrophenol	1500	ug/Kg	U
SEE09140945PML1	9/14/2010	2-Nitrophenol	1500	ug/Kg	U
SEE09131445RCM1	9/13/2010	2-Nitrophenol	1500	ug/Kg	U
SEE09131505PML1	9/13/2010	2-Nitrophenol	1500	ug/Kg	U
SEE09121055PML1	9/12/2010	2-Nitrophenol	1500	ug/Kg	UJ
SEE09121055PML1	9/12/2010	2-Nitrophenol	1500	ug/Kg	UJ
SEE09091005RCM1	9/9/2010	2-Nitrophenol	1500	ug/Kg	U
SEE09091515PML1	9/9/2010	2-Nitrophenol	1500	ug/Kg	U
SEE09081010PML1	9/8/2010	2-Nitrophenol	1500	ug/Kg	U
SEE09081205PML1	9/8/2010	2-Nitrophenol	1500	ug/Kg	U
SEE09071050PML1	9/7/2010	2-Nitrophenol	1500	ug/Kg	UJ
SEE09061105PML1	9/6/2010	2-Nitrophenol	1500	ug/Kg	U
SEE09031140MHS1	9/3/2010	2-Nitrophenol	1500	ug/Kg	U
SEE09031650PML1	9/3/2010	2-Nitrophenol	1500	ug/Kg	U
SEE09031650PML1	9/3/2010	2-Nitrophenol	1500	ug/Kg	U
SEE08311045PML1	8/31/2010	2-Nitrophenol	1500	ug/Kg	U
SEE08301145MHS1	8/30/2010	2-Nitrophenol	1500	ug/Kg	U
SEE10181210JDF1	10/18/2010	2-Nitrophenol	1400	ug/Kg	U
SEE10181430JWP1	10/18/2010	2-Nitrophenol	1400	ug/Kg	U
SEE10161115ARM1	10/16/2010	2-Nitrophenol	1400	ug/Kg	U
SEE10161530JDF1	10/16/2010	2-Nitrophenol	1400	ug/Kg	U
SEE10150945JDF1	10/15/2010	2-Nitrophenol	1400	ug/Kg	U
SEE10141550JDF1	10/14/2010	2-Nitrophenol	1400	ug/Kg	UJ
SEE10141550JDF1	10/14/2010	2-Nitrophenol	1400	ug/Kg	UJ
SEE10120930JDF1	10/12/2010	2-Nitrophenol	1400	ug/Kg	U
SEE10081231PML1	10/8/2010	2-Nitrophenol	1400	ug/Kg	UJ
SEE10071042RCM1	10/7/2010	2-Nitrophenol	1400	ug/Kg	U
SEE10071101PML1	10/7/2010	2-Nitrophenol	1400	ug/Kg	U
SEE10061640PML1	10/6/2010	2-Nitrophenol	1400	ug/Kg	U
SEE10061640PML1	10/6/2010	2-Nitrophenol	1400	ug/Kg	U
SEE10041150JDF1	10/4/2010	2-Nitrophenol	1400	ug/Kg	U
SEE10011120JDF1	10/1/2010	2-Nitrophenol	1400	ug/Kg	UJ
SEE09301205RCM1	9/30/2010	2-Nitrophenol	1400	ug/Kg	U
SEE09271130JDF1	9/27/2010	2-Nitrophenol	1400	ug/Kg	U
SEE09261215JDF1	9/26/2010	2-Nitrophenol	1400	ug/Kg	U
SEE09230955RCM1	9/23/2010	2-Nitrophenol	1400	ug/Kg	U
SEE09221440JDF1	9/22/2010	2-Nitrophenol	1400	ug/Kg	U
SEE09211155JDF1	9/21/2010	2-Nitrophenol	1400	ug/Kg	UJ
SEE09201115RCM1	9/20/2010	2-Nitrophenol	1400	ug/Kg	U
SEE09171445RCM1	9/17/2010	2-Nitrophenol	1400	ug/Kg	U
SEE09161035RCM1	9/16/2010	2-Nitrophenol	1400	ug/Kg	U
SEE09151015PML1	9/15/2010	2-Nitrophenol	1400	ug/Kg	U
SEE09131620PML1	9/13/2010	2-Nitrophenol	1400	ug/Kg	UJ
SEE09121450PML1	9/12/2010	2-Nitrophenol	1400	ug/Kg	UJ
SEE09111015PML1	9/11/2010	2-Nitrophenol	1400	ug/Kg	UJ
SEE09040950PML1	9/4/2010	2-Nitrophenol	1400	ug/Kg	U
SEE09011050PML1	9/1/2010	2-Nitrophenol	1400	ug/Kg	U
SEE08301520JRP1	8/30/2010	2-Nitrophenol	1400	ug/Kg	U
SEE08261620RCM1	8/26/2010	2-Nitrophenol	1400	ug/kg	U
SEE10111125JDF1	10/11/2010	2-Nitrophenol	1300	ug/Kg	U
SEE10031425JDF1	10/3/2010	2-Nitrophenol	1300	ug/Kg	UJ
SEE09291035JDF1	9/29/2010	2-Nitrophenol	1300	ug/Kg	UJ
SEE09250905RCM1	9/25/2010	2-Nitrophenol	1300	ug/Kg	UJ
SEE09211530JDF1	9/21/2010	2-Nitrophenol	1300	ug/Kg	UJ
SEE09170945PML1	9/17/2010	2-Nitrophenol	1300	ug/Kg	U
SEE09171125PML1	9/17/2010	2-Nitrophenol	1300	ug/Kg	U
SEE09130940PML1	9/13/2010	2-Nitrophenol	1300	ug/Kg	U

**TABLE B-2b**  
**Upstream Sediment Samples (Morrow Lake)**

Sample ID	Sample Date	Analyte	Result	Unit	Data Qualifier
SEE09131125PML1	9/13/2010	2-Nitrophenol	1300	ug/Kg	U
SEE09091145PML1	9/9/2010	2-Nitrophenol	1300	ug/Kg	U
SEE09091410PML1	9/9/2010	2-Nitrophenol	1300	ug/Kg	U
SEE09091605PML1	9/9/2010	2-Nitrophenol	1300	ug/Kg	U
SEE09061130MHS1	9/6/2010	2-Nitrophenol	1300	ug/Kg	U
SEE09051015PML1	9/5/2010	2-Nitrophenol	1300	ug/Kg	U
SEE09041350PML1	9/4/2010	2-Nitrophenol	1300	ug/Kg	U
SEE09011255PML1	9/1/2010	2-Nitrophenol	1300	ug/Kg	U
SEE08301445JRP1	8/30/2010	2-Nitrophenol	1300	ug/Kg	U
SEE08261445JRP1	8/26/2010	2-Nitrophenol	1300	ug/Kg	U
SEE10161055JDF1	10/16/2010	2-Nitrophenol	1200	ug/Kg	U
SEE10161415JDF1	10/16/2010	2-Nitrophenol	1200	ug/Kg	U
SEE10151055ARM1	10/15/2010	2-Nitrophenol	1200	ug/Kg	U
SEE10121415ARM1	10/12/2010	2-Nitrophenol	1200	ug/Kg	U
SEE10111011JDF1	10/11/2010	2-Nitrophenol	1200	ug/Kg	U
SEE10111350JDF1	10/11/2010	2-Nitrophenol	1200	ug/Kg	U
SEE10071205PML1	10/7/2010	2-Nitrophenol	1200	ug/Kg	U
SEE10071540PML1	10/7/2010	2-Nitrophenol	1200	ug/Kg	U
SEE09301255MAE1	9/30/2010	2-Nitrophenol	1200	ug/Kg	U
SEE09290925JDF1	9/29/2010	2-Nitrophenol	1200	ug/Kg	UJ
SEE09271515JDF1	9/27/2010	2-Nitrophenol	1200	ug/Kg	U
SEE09221105JDF1	9/22/2010	2-Nitrophenol	1200	ug/Kg	U
SEE09221615JDF1	9/22/2010	2-Nitrophenol	1200	ug/Kg	U
SEE09211112RCM1	9/21/2010	2-Nitrophenol	1200	ug/Kg	UJ
SEE09201645ARM1	9/20/2010	2-Nitrophenol	1200	ug/Kg	U
SEE09171530PML1	9/17/2010	2-Nitrophenol	1200	ug/Kg	U
SEE09091010PML1	9/9/2010	2-Nitrophenol	1200	ug/Kg	U
SEE09091025JRP1	9/9/2010	2-Nitrophenol	1200	ug/Kg	U
SEE09031115JAW1	9/3/2010	2-Nitrophenol	1200	ug/Kg	U
SEE09011145PML1	9/1/2010	2-Nitrophenol	1200	ug/Kg	U
SEE08301015JRP1	8/30/2010	2-Nitrophenol	1200	ug/Kg	U
SEE08301530JAW1	8/30/2010	2-Nitrophenol	1200	ug/Kg	U
SEE08261420RCM1	8/26/2010	2-Nitrophenol	1200	ug/kg	U
SEE10121030JDF1	10/12/2010	2-Nitrophenol	1100	ug/Kg	U
SEE10040945JDF1	10/4/2010	2-Nitrophenol	1100	ug/Kg	U
SEE10041050JDF1	10/4/2010	2-Nitrophenol	1100	ug/Kg	U
SEE10041335JDF1	10/4/2010	2-Nitrophenol	1100	ug/Kg	U
SEE09291645JDF1	9/29/2010	2-Nitrophenol	1100	ug/Kg	UJ
SEE09271025ARM1	9/27/2010	2-Nitrophenol	1100	ug/Kg	U
SEE09231130ARM1	9/23/2010	2-Nitrophenol	1100	ug/Kg	U
SEE09141312RCM1	9/14/2010	2-Nitrophenol	1100	ug/Kg	U
SEE09130955JRP1	9/13/2010	2-Nitrophenol	1100	ug/Kg	U
SEE10211035JDF1	10/21/2010	2-Nitrophenol	960	ug/Kg	UJ
SEE10151355ARM1	10/15/2010	2-Nitrophenol	960	ug/Kg	U
SEE10041355ARM1	10/4/2010	2-Nitrophenol	960	ug/Kg	U
SEE08311010JRP1	8/31/2010	2-Nitrophenol	940	ug/Kg	U
SEE09090900JRP1	9/9/2010	2-Nitrophenol	930	ug/Kg	U
SEE08311348MHS1	8/31/2010	2-Nitrophenol	930	ug/Kg	U
SEE10071415ARM1	10/7/2010	2-Nitrophenol	920	ug/Kg	U
SEE10170915JDF1	10/17/2010	2-Nitrophenol	910	ug/Kg	U
SEE09291135JDF1	9/29/2010	2-Nitrophenol	910	ug/Kg	UJ
SEE10191005JDF1	10/19/2010	2-Nitrophenol	880	ug/Kg	U
SEE10211430JDF1	10/21/2010	2-Nitrophenol	860	ug/Kg	U
SEE10071151RCM1	10/7/2010	2-Nitrophenol	840	ug/Kg	U
SEE10221110JDF1	10/22/2010	2-Nitrophenol	830	ug/Kg	U
SEE10221110JDF1	10/22/2010	2-Nitrophenol	830	ug/Kg	U
SEE08281607TWH1	8/28/2010	2-Nitrophenol	830	ug/kg	U
SEE08281630RCM1	8/28/2010	2-Nitrophenol	830	ug/kg	U
SEE10191515JDF1	10/19/2010	2-Nitrophenol	820	ug/Kg	U
SEE08300920JRP1	8/30/2010	2-Nitrophenol	810	ug/Kg	U

**TABLE B-2b**  
**Upstream Sediment Samples (Morrow Lake)**

Sample ID	Sample Date	Analyte	Result	Unit	Data Qualifier
SEE10191415JDF1	10/19/2010	2-Nitrophenol	790	ug/Kg	U
SEE10191155JDF1	10/19/2010	2-Nitrophenol	780	ug/Kg	U
SEE10211010JWP1	10/21/2010	2-Nitrophenol	770	ug/Kg	U
SEE09051500MHS1	9/5/2010	2-Nitrophenol	750	ug/Kg	U
SEE10191100JDF1	10/19/2010	2-Nitrophenol	740	ug/Kg	U
SEE10141025ARM1	10/14/2010	2-Nitrophenol	730	ug/Kg	UJ
SEE08281505PML1	8/28/2010	2-Nitrophenol	730	ug/kg	U
SEE08271215PML1	8/27/2010	2-Nitrophenol	720	ug/kg	U
SEE10221055DWS1	10/22/2010	2-Nitrophenol	710	ug/Kg	U
SEE10191010JWP1	10/19/2010	2-Nitrophenol	690	ug/Kg	U
SEE08271614TWH1	8/27/2010	2-Nitrophenol	690	ug/kg	U
SEE08271500PML1	8/27/2010	2-Nitrophenol	660	ug/kg	U
SEE10091200ARM1	10/9/2010	2-Nitrophenol	650	ug/Kg	UJ
SEE09130915JRP1	9/13/2010	2-Nitrophenol	650	ug/Kg	U
SEE08291110PML1	8/29/2010	2-Nitrophenol	590	ug/kg	U
SEE09061610JAW1	9/6/2010	2-Nitrophenol	570	ug/Kg	U
SEE08281215PML1	8/28/2010	2-Nitrophenol	570	ug/kg	U
SEE08281420TWH1	8/28/2010	2-Nitrophenol	570	ug/kg	U
SEE10051415ARM1	10/5/2010	2-Nitrophenol	560	ug/Kg	U
SEE10171535ARM1	10/17/2010	2-Nitrophenol	540	ug/Kg	U
SEE08281510TWH1	8/28/2010	2-Nitrophenol	540	ug/kg	U
SEE08261700JRP1	8/26/2010	2-Nitrophenol	530	ug/Kg	U
SEE09100945RCM1	9/10/2010	2-Nitrophenol	520	ug/Kg	UJ
SEE08301410JRP1	8/30/2010	2-Nitrophenol	510	ug/Kg	U
SEE08291421KAP1	8/29/2010	2-Nitrophenol	510	ug/kg	U
SEE10011125ARM1	10/1/2010	2-Nitrophenol	500	ug/Kg	UJ
SEE08271652TWH1	8/27/2010	2-Nitrophenol	500	ug/kg	U
SEE09211120ARM1	9/21/2010	2-Nitrophenol	490	ug/Kg	UJ
SEE09201110ARM1	9/20/2010	2-Nitrophenol	490	ug/Kg	U
SEE10081035ARM1	10/8/2010	2-Nitrophenol	470	ug/Kg	UJ
SEE09171200ARM1	9/17/2010	2-Nitrophenol	470	ug/Kg	U
SEF10011045TDF1	10/1/2010	2-Nitrophenol	460	ug/Kg	UJ
SEE09290915MAE1	9/29/2010	2-Nitrophenol	460	ug/Kg	UJ
SEE09200911RCM1	9/20/2010	2-Nitrophenol	460	ug/Kg	U
SEE09140945JRP1	9/14/2010	2-Nitrophenol	460	ug/Kg	U
SEE09271500ARM1	9/27/2010	2-Nitrophenol	450	ug/Kg	U
SEE09231205RCM1	9/23/2010	2-Nitrophenol	450	ug/Kg	U
SEE09281445RCM1	9/28/2010	2-Nitrophenol	440	ug/Kg	U
SEE09251235ARM1	9/25/2010	2-Nitrophenol	440	ug/Kg	UJ
SEE09150915JRP1	9/15/2010	2-Nitrophenol	440	ug/Kg	U
SEE09070930JRP1	9/7/2010	2-Nitrophenol	440	ug/Kg	UJ
SEE08301100JRP1	8/30/2010	2-Nitrophenol	440	ug/Kg	U
SEF10081108TDF3	10/8/2010	2-Nitrophenol	430	ug/Kg	UJ
SEE10071045ARM1	10/7/2010	2-Nitrophenol	430	ug/Kg	U
SEE10041045ARM1	10/4/2010	2-Nitrophenol	430	ug/Kg	U
SEE10011043RCM1	10/1/2010	2-Nitrophenol	430	ug/Kg	UJ
SEE09231035ARM1	9/23/2010	2-Nitrophenol	430	ug/Kg	U
SEE09170935RCM1	9/17/2010	2-Nitrophenol	430	ug/Kg	U
SEF10151030PMB3	10/15/2010	2-Nitrophenol	420	ug/Kg	U
SEF10121130PMB3	10/12/2010	2-Nitrophenol	420	ug/Kg	U
SEF10051206TDF3	10/5/2010	2-Nitrophenol	420	ug/Kg	U
SEE09100920JRP1	9/10/2010	2-Nitrophenol	420	ug/Kg	UJ
SEE09051500JAW1	9/5/2010	2-Nitrophenol	420	ug/Kg	U
SEB09011143JLS1	9/1/2010	2-Nitrophenol	420	ug/Kg	U
SEE10061135ARM1	10/6/2010	2-Nitrophenol	410	ug/Kg	U
SEE08291550KAP1	8/29/2010	2-Nitrophenol	410	ug/kg	U
SEE10131035ARM1	10/13/2010	2-Nitrophenol	400	ug/Kg	U
SEE10051145RCM1	10/5/2010	2-Nitrophenol	400	ug/Kg	U
SEE09301025MAE1	9/30/2010	2-Nitrophenol	400	ug/Kg	U
SEE09221045ARM1	9/22/2010	2-Nitrophenol	400	ug/Kg	U



**TABLE B-2b**  
**Upstream Sediment Samples (Morrow Lake)**

Sample ID	Sample Date	Analyte	Result	Unit	Data Qualifier
SEE09080930JRP1	9/8/2010	2-Nitrophenol	400	ug/Kg	U
SEE09011515JAW1	9/1/2010	2-Nitrophenol	400	ug/Kg	U
SEE10221450DWS1	10/22/2010	2-Nitrophenol	390	ug/Kg	U
SEE10121040ARM1	10/12/2010	2-Nitrophenol	390	ug/Kg	U
SEF09281139TDF1	9/28/2010	2-Nitrophenol	390	ug/Kg	U
SEE10181030JWP1	10/18/2010	2-Nitrophenol	370	ug/Kg	U
SEE10211345JWP1	10/21/2010	2-Nitrophenol	330	ug/Kg	U
SEE08291354KAP1	8/29/2010	2-Nitrophenol	330	ug/kg	U
SEE08291445PML1	8/29/2010	2-Nitrophenol	270	ug/kg	U
SEF10221050MAE3	10/22/2010	2-Nitrophenol	240	ug/Kg	U
SEF10191135NAC3	10/19/2010	2-Nitrophenol	240	ug/Kg	U
SEE08271445JRP1	8/27/2010	2-Nitrophenol	230	ug/kg	U
SEE08271536TWH1	8/27/2010	2-Nitrophenol	220	ug/kg	U
SEE10191115JWP1	10/19/2010	2-Nitrophenol	210	ug/Kg	U
SEB08281400JLS1	8/28/2010	2-Nitrophenol	210	ug/kg	U
SEE08281540JRP1	8/28/2010	2-Nitrophenol	210	ug/kg	U
ML-07-S-081810	8/18/2010	2-Nitrophenol	0.37	mg/Kg	UJ
ML-06-S-082310	8/23/2010	2-Nitrophenol	0.33	mg/Kg	U
ML-04-S-081710	8/17/2010	2-Nitrophenol	0.32	mg/Kg	U
ML-04-S-082610	8/26/2010	2-Nitrophenol	0.31	mg/Kg	U
ML-03-S-082310	8/23/2010	2-Nitrophenol	0.31	mg/Kg	U
ML-10-S-081910	8/19/2010	2-Nitrophenol	0.31	mg/Kg	U
ML-10-S-081910	8/19/2010	2-Nitrophenol	0.31	mg/Kg	U
ML-09-S-081810	8/18/2010	2-Nitrophenol	0.31	mg/Kg	UJ
ML-06-S-081710	8/17/2010	2-Nitrophenol	0.31	mg/Kg	U
ML-10-S-082610	8/26/2010	2-Nitrophenol	0.30	mg/Kg	U
ML-10-S-082610	8/26/2010	2-Nitrophenol	0.30	mg/Kg	U
ML-05-S-082310	8/23/2010	2-Nitrophenol	0.28	mg/Kg	U
ML-01-S-081910	8/19/2010	2-Nitrophenol	0.27	mg/Kg	U
ML-05-S-081710	8/17/2010	2-Nitrophenol	0.26	mg/Kg	U
ML-02-S-082310	8/23/2010	2-Nitrophenol	0.25	mg/Kg	U
ML-02-S-081710	8/17/2010	2-Nitrophenol	0.24	mg/Kg	U
ML-06-S-082510	8/25/2010	2-Nitrophenol	0.18	mg/Kg	U
ML-07-S-082410	8/24/2010	2-Nitrophenol	0.18	mg/Kg	UJ
ML-07-S-082110	8/21/2010	2-Nitrophenol	0.18	mg/Kg	U
ML-05-S-082610	8/26/2010	2-Nitrophenol	0.17	mg/Kg	U
ML-07-S-082510	8/25/2010	2-Nitrophenol	0.17	mg/Kg	U
ML-08-S-082110	8/21/2010	2-Nitrophenol	0.17	mg/Kg	U
ML-07-S-081610	8/16/2010	2-Nitrophenol	0.17	mg/Kg	U
ML-08-S-081610	8/16/2010	2-Nitrophenol	0.17	mg/Kg	U
ML-08-S-082510	8/25/2010	2-Nitrophenol	0.16	mg/Kg	U
ML-08-S-082410	8/24/2010	2-Nitrophenol	0.16	mg/Kg	UJ
ML-06-S-082010	8/20/2010	2-Nitrophenol	0.16	mg/Kg	U
ML-01-S-081610	8/16/2010	2-Nitrophenol	0.16	mg/Kg	U
ML-01-S-082510	8/25/2010	2-Nitrophenol	0.15	mg/Kg	U
ML-09-S-082510	8/25/2010	2-Nitrophenol	0.15	mg/Kg	U
ML-04-S-082410	8/24/2010	2-Nitrophenol	0.15	mg/Kg	UJ
ML-10-S-082410	8/24/2010	2-Nitrophenol	0.15	mg/Kg	UJ
ML-10-S-082410	8/24/2010	2-Nitrophenol	0.15	mg/Kg	UJ
ML-09-S-082110	8/21/2010	2-Nitrophenol	0.15	mg/Kg	U
ML-10-S-082110	8/21/2010	2-Nitrophenol	0.15	mg/Kg	U
ML-10-S-082110	8/21/2010	2-Nitrophenol	0.15	mg/Kg	U
ML-05-S-082010	8/20/2010	2-Nitrophenol	0.15	mg/Kg	U
ML-10-S-081610	8/16/2010	2-Nitrophenol	0.15	mg/Kg	U
ML-10-S-081610	8/16/2010	2-Nitrophenol	0.15	mg/Kg	U
ML-02-S-082510	8/25/2010	2-Nitrophenol	0.14	mg/Kg	U
ML-09-S-082410	8/24/2010	2-Nitrophenol	0.14	mg/Kg	UJ
ML-01-S-082110	8/21/2010	2-Nitrophenol	0.14	mg/Kg	U
ML-03-S-082510	8/25/2010	2-Nitrophenol	0.13	mg/Kg	U
ML-02-S-082010	8/20/2010	2-Nitrophenol	0.13	mg/Kg	U

**TABLE B-2b**  
**Upstream Sediment Samples (Morrow Lake)**

Sample ID	Sample Date	Analyte	Result	Unit	Data Qualifier
ML-03-S-082010	8/20/2010	2-Nitrophenol	0.13	mg/Kg	U
ML-04-S-082010	8/20/2010	2-Nitrophenol	0.13	mg/Kg	U
ML-03-S-081610	8/16/2010	2-Nitrophenol	0.12	mg/Kg	U
SEE08271145RCM1	8/27/2010	3,3'-Dichlorobenzidine	9800	ug/kg	U
SEE08261620RCM1	8/26/2010	3,3'-Dichlorobenzidine	8700	ug/kg	U
SEE08261420RCM1	8/26/2010	3,3'-Dichlorobenzidine	7300	ug/kg	U
SEE08281607TWH1	8/28/2010	3,3'-Dichlorobenzidine	5000	ug/kg	UJ
SEE08281630RCM1	8/28/2010	3,3'-Dichlorobenzidine	5000	ug/kg	UJ
SEE08281505PML1	8/28/2010	3,3'-Dichlorobenzidine	4400	ug/kg	UJ
SEE08271215PML1	8/27/2010	3,3'-Dichlorobenzidine	4400	ug/kg	U
SEE08271614TWH1	8/27/2010	3,3'-Dichlorobenzidine	4200	ug/kg	U
SEE08271500PML1	8/27/2010	3,3'-Dichlorobenzidine	4000	ug/kg	U
SEE08291110PML1	8/29/2010	3,3'-Dichlorobenzidine	3600	ug/kg	U
SEE08281215PML1	8/28/2010	3,3'-Dichlorobenzidine	3500	ug/kg	UJ
SEE08281420TWH1	8/28/2010	3,3'-Dichlorobenzidine	3500	ug/kg	UJ
SEE08281510TWH1	8/28/2010	3,3'-Dichlorobenzidine	3300	ug/kg	UJ
SEE08291421KAP1	8/29/2010	3,3'-Dichlorobenzidine	3100	ug/kg	U
SEE08271652TWH1	8/27/2010	3,3'-Dichlorobenzidine	3100	ug/kg	U
SEE09051430PML1	9/5/2010	3,3'-Dichlorobenzidine	3000	ug/Kg	U
SEE09011635PML1	9/1/2010	3,3'-Dichlorobenzidine	3000	ug/Kg	U
SEE08291550KAP1	8/29/2010	3,3'-Dichlorobenzidine	2500	ug/kg	U
SEE08291354KAP1	8/29/2010	3,3'-Dichlorobenzidine	2000	ug/kg	U
SEE08291445PML1	8/29/2010	3,3'-Dichlorobenzidine	1700	ug/kg	U
SEE08271445JRP1	8/27/2010	3,3'-Dichlorobenzidine	1400	ug/kg	U
SEB08281400JLS1	8/28/2010	3,3'-Dichlorobenzidine	1300	ug/kg	UJ
SEE08281540JRP1	8/28/2010	3,3'-Dichlorobenzidine	1300	ug/kg	UJ
SEE08271536TWH1	8/27/2010	3,3'-Dichlorobenzidine	1300	ug/kg	U
SEE10051125PML1	10/5/2010	3,3'-Dichlorobenzidine	930	ug/Kg	U
SEE09061500PML1	9/6/2010	3,3'-Dichlorobenzidine	920	ug/Kg	U
SEE09021400PML1	9/2/2010	3,3'-Dichlorobenzidine	920	ug/Kg	U
SEE09301105JDF1	9/30/2010	3,3'-Dichlorobenzidine	910	ug/Kg	UJ
SEE08301130PML1	8/30/2010	3,3'-Dichlorobenzidine	910	ug/Kg	U
SEE10171410JDF1	10/17/2010	3,3'-Dichlorobenzidine	880	ug/Kg	U
SEE09181235PML1	9/18/2010	3,3'-Dichlorobenzidine	880	ug/Kg	U
SEE09101022PML1	9/10/2010	3,3'-Dichlorobenzidine	880	ug/Kg	U
SEE09011545PML1	9/1/2010	3,3'-Dichlorobenzidine	870	ug/Kg	U
SEE09231645JDF1	9/23/2010	3,3'-Dichlorobenzidine	860	ug/Kg	U
SEE09141135PML1	9/14/2010	3,3'-Dichlorobenzidine	860	ug/Kg	U
SEE09091410RCM1	9/9/2010	3,3'-Dichlorobenzidine	860	ug/Kg	U
SEE10081115PML1	10/8/2010	3,3'-Dichlorobenzidine	850	ug/Kg	U
SEE09121105RCM1	9/12/2010	3,3'-Dichlorobenzidine	850	ug/Kg	UJ
SEE09101215PML1	9/10/2010	3,3'-Dichlorobenzidine	850	ug/Kg	U
SEE09081020RCM1	9/8/2010	3,3'-Dichlorobenzidine	850	ug/Kg	U
SEE09031645MHS1	9/3/2010	3,3'-Dichlorobenzidine	850	ug/Kg	U
SEE09011545MHS1	9/1/2010	3,3'-Dichlorobenzidine	850	ug/Kg	U
SEE08311420PML1	8/31/2010	3,3'-Dichlorobenzidine	850	ug/Kg	U
SEE08311420PML1	8/31/2010	3,3'-Dichlorobenzidine	850	ug/Kg	U
SEE10131150JDF1	10/13/2010	3,3'-Dichlorobenzidine	840	ug/Kg	U
SEE09301255JDF1	9/30/2010	3,3'-Dichlorobenzidine	840	ug/Kg	UJ
SEE09030925PML1	9/3/2010	3,3'-Dichlorobenzidine	830	ug/Kg	U
SEE10091401PML1	10/9/2010	3,3'-Dichlorobenzidine	820	ug/Kg	U
SEE09051550MHS1	9/5/2010	3,3'-Dichlorobenzidine	820	ug/Kg	U
SEE09291023RCM1	9/29/2010	3,3'-Dichlorobenzidine	810	ug/Kg	U
SEE09121436RCM1	9/12/2010	3,3'-Dichlorobenzidine	810	ug/Kg	UJ
SEE09021010PML1	9/2/2010	3,3'-Dichlorobenzidine	810	ug/Kg	U
SEE10041530JDF1	10/4/2010	3,3'-Dichlorobenzidine	800	ug/Kg	U
SEE09101625PML1	9/10/2010	3,3'-Dichlorobenzidine	800	ug/Kg	U
SEE09061525MHS1	9/6/2010	3,3'-Dichlorobenzidine	800	ug/Kg	U
SEE09031100PML1	9/3/2010	3,3'-Dichlorobenzidine	800	ug/Kg	U
SEE08301638MHS1	8/30/2010	3,3'-Dichlorobenzidine	800	ug/Kg	U

**TABLE B-2b**  
**Upstream Sediment Samples (Morrow Lake)**

Sample ID	Sample Date	Analyte	Result	Unit	Data Qualifier
SEE10181035JDF1	10/18/2010	3,3'-Dichlorobenzidine	790	ug/Kg	U
SEE10091614PML1	10/9/2010	3,3'-Dichlorobenzidine	790	ug/Kg	U
SEE10051653PML1	10/5/2010	3,3'-Dichlorobenzidine	790	ug/Kg	U
SEE09231210JDF1	9/23/2010	3,3'-Dichlorobenzidine	790	ug/Kg	U
SEE09141515PML1	9/14/2010	3,3'-Dichlorobenzidine	790	ug/Kg	U
SEE09131026RCM1	9/13/2010	3,3'-Dichlorobenzidine	790	ug/Kg	U
SEE09051130PML1	9/5/2010	3,3'-Dichlorobenzidine	790	ug/Kg	U
SEE08301550PML1	8/30/2010	3,3'-Dichlorobenzidine	790	ug/Kg	U
SEE10171115JDF1	10/17/2010	3,3'-Dichlorobenzidine	780	ug/Kg	U
SEE10141015JDF1	10/14/2010	3,3'-Dichlorobenzidine	780	ug/Kg	U
SEE09220935RCM1	9/22/2010	3,3'-Dichlorobenzidine	780	ug/Kg	U
SEE09191445RCM1	9/19/2010	3,3'-Dichlorobenzidine	780	ug/Kg	U
SEE09161045PML1	9/16/2010	3,3'-Dichlorobenzidine	780	ug/Kg	U
SEE09071050PML1	9/7/2010	3,3'-Dichlorobenzidine	780	ug/Kg	U
SEE10181510JDF1	10/18/2010	3,3'-Dichlorobenzidine	770	ug/Kg	U
SEE10181510JDF1	10/18/2010	3,3'-Dichlorobenzidine	770	ug/Kg	U
SEE10061205PML1	10/6/2010	3,3'-Dichlorobenzidine	770	ug/Kg	U
SEE10031115JDF1	10/3/2010	3,3'-Dichlorobenzidine	770	ug/Kg	UJ
SEE10031115JDF1	10/3/2010	3,3'-Dichlorobenzidine	770	ug/Kg	UJ
SEE09171415PML1	9/17/2010	3,3'-Dichlorobenzidine	770	ug/Kg	U
SEE09140945PML1	9/14/2010	3,3'-Dichlorobenzidine	770	ug/Kg	U
SEE09131445RCM1	9/13/2010	3,3'-Dichlorobenzidine	770	ug/Kg	U
SEE09131505PML1	9/13/2010	3,3'-Dichlorobenzidine	770	ug/Kg	U
SEE08301145MHS1	8/30/2010	3,3'-Dichlorobenzidine	770	ug/Kg	U
SEE10141555ARM1	10/14/2010	3,3'-Dichlorobenzidine	760	ug/Kg	U
SEE10101215PML1	10/10/2010	3,3'-Dichlorobenzidine	760	ug/Kg	U
SEE10101215PML1	10/10/2010	3,3'-Dichlorobenzidine	760	ug/Kg	U
SEE09170839RCM1	9/17/2010	3,3'-Dichlorobenzidine	760	ug/Kg	U
SEE09081205PML1	9/8/2010	3,3'-Dichlorobenzidine	760	ug/Kg	U
SEE09031140MHS1	9/3/2010	3,3'-Dichlorobenzidine	760	ug/Kg	U
SEE10061051RCM1	10/6/2010	3,3'-Dichlorobenzidine	750	ug/Kg	U
SEE10041138RCM1	10/4/2010	3,3'-Dichlorobenzidine	750	ug/Kg	U
SEE09251135JDF1	9/25/2010	3,3'-Dichlorobenzidine	750	ug/Kg	U
SEE09200945PML1	9/20/2010	3,3'-Dichlorobenzidine	750	ug/Kg	U
SEE09200945PML1	9/20/2010	3,3'-Dichlorobenzidine	750	ug/Kg	U
SEE09191040PML1	9/19/2010	3,3'-Dichlorobenzidine	750	ug/Kg	U
SEE09181705PML1	9/18/2010	3,3'-Dichlorobenzidine	750	ug/Kg	U
SEE09091005RCM1	9/9/2010	3,3'-Dichlorobenzidine	750	ug/Kg	U
SEE09061105PML1	9/6/2010	3,3'-Dichlorobenzidine	750	ug/Kg	U
SEE09031650PML1	9/3/2010	3,3'-Dichlorobenzidine	750	ug/Kg	U
SEE09031650PML1	9/3/2010	3,3'-Dichlorobenzidine	750	ug/Kg	U
SEE10141150JDF1	10/14/2010	3,3'-Dichlorobenzidine	740	ug/Kg	U
SEE10101010PML1	10/10/2010	3,3'-Dichlorobenzidine	740	ug/Kg	U
SEE10081051RCM1	10/8/2010	3,3'-Dichlorobenzidine	740	ug/Kg	U
SEE09261625JDF1	9/26/2010	3,3'-Dichlorobenzidine	740	ug/Kg	UJ
SEE09261625JDF1	9/26/2010	3,3'-Dichlorobenzidine	740	ug/Kg	UJ
SEE09191530PML1	9/19/2010	3,3'-Dichlorobenzidine	740	ug/Kg	U
SEE09151145PML1	9/15/2010	3,3'-Dichlorobenzidine	740	ug/Kg	U
SEE09151145PML1	9/15/2010	3,3'-Dichlorobenzidine	740	ug/Kg	U
SEE09121055PML1	9/12/2010	3,3'-Dichlorobenzidine	740	ug/Kg	UJ
SEE09121055PML1	9/12/2010	3,3'-Dichlorobenzidine	740	ug/Kg	UJ
SEE09091515PML1	9/9/2010	3,3'-Dichlorobenzidine	740	ug/Kg	U
SEE09081010PML1	9/8/2010	3,3'-Dichlorobenzidine	740	ug/Kg	U
SEE08311045PML1	8/31/2010	3,3'-Dichlorobenzidine	740	ug/Kg	U
SEE10161530JDF1	10/16/2010	3,3'-Dichlorobenzidine	730	ug/Kg	U
SEE10141550JDF1	10/14/2010	3,3'-Dichlorobenzidine	730	ug/Kg	U
SEE10141550JDF1	10/14/2010	3,3'-Dichlorobenzidine	730	ug/Kg	U
SEE10121155JDF1	10/12/2010	3,3'-Dichlorobenzidine	730	ug/Kg	U
SEE10011120JDF1	10/1/2010	3,3'-Dichlorobenzidine	730	ug/Kg	U
SEE09260930RCM1	9/26/2010	3,3'-Dichlorobenzidine	730	ug/Kg	UJ

**TABLE B-2b**  
**Upstream Sediment Samples (Morrow Lake)**

Sample ID	Sample Date	Analyte	Result	Unit	Data Qualifier
SEE09230955RCM1	9/23/2010	3,3'-Dichlorobenzidine	730	ug/Kg	U
SEE09151015PML1	9/15/2010	3,3'-Dichlorobenzidine	730	ug/Kg	U
SEE09111015PML1	9/11/2010	3,3'-Dichlorobenzidine	730	ug/Kg	UJ
SEE10181210JDF1	10/18/2010	3,3'-Dichlorobenzidine	720	ug/Kg	U
SEE10150945JDF1	10/15/2010	3,3'-Dichlorobenzidine	720	ug/Kg	U
SEE10120930JDF1	10/12/2010	3,3'-Dichlorobenzidine	720	ug/Kg	U
SEE10081231PML1	10/8/2010	3,3'-Dichlorobenzidine	720	ug/Kg	U
SEE10071042RCM1	10/7/2010	3,3'-Dichlorobenzidine	720	ug/Kg	UJ
SEE10071101PML1	10/7/2010	3,3'-Dichlorobenzidine	720	ug/Kg	UJ
SEE09261215JDF1	9/26/2010	3,3'-Dichlorobenzidine	720	ug/Kg	UJ
SEE09011050PML1	9/1/2010	3,3'-Dichlorobenzidine	720	ug/Kg	U
SEE09221440JDF1	9/22/2010	3,3'-Dichlorobenzidine	710	ug/Kg	U
SEE09040950PML1	9/4/2010	3,3'-Dichlorobenzidine	710	ug/Kg	U
SEE10181430JWP1	10/18/2010	3,3'-Dichlorobenzidine	700	ug/Kg	U
SEE10161115ARM1	10/16/2010	3,3'-Dichlorobenzidine	700	ug/Kg	U
SEE10061640PML1	10/6/2010	3,3'-Dichlorobenzidine	700	ug/Kg	U
SEE10061640PML1	10/6/2010	3,3'-Dichlorobenzidine	700	ug/Kg	U
SEE09301205RCM1	9/30/2010	3,3'-Dichlorobenzidine	700	ug/Kg	UJ
SEE09211155JDF1	9/21/2010	3,3'-Dichlorobenzidine	700	ug/Kg	U
SEE09201115RCM1	9/20/2010	3,3'-Dichlorobenzidine	700	ug/Kg	U
SEE09171445RCM1	9/17/2010	3,3'-Dichlorobenzidine	700	ug/Kg	U
SEE09161035RCM1	9/16/2010	3,3'-Dichlorobenzidine	700	ug/Kg	U
SEE10041150JDF1	10/4/2010	3,3'-Dichlorobenzidine	690	ug/Kg	U
SEE09121450PML1	9/12/2010	3,3'-Dichlorobenzidine	690	ug/Kg	UJ
SEE08301520JRP1	8/30/2010	3,3'-Dichlorobenzidine	690	ug/Kg	U
SEE10111125JDF1	10/11/2010	3,3'-Dichlorobenzidine	680	ug/Kg	U
SEE09271130JDF1	9/27/2010	3,3'-Dichlorobenzidine	680	ug/Kg	U
SEE09131620PML1	9/13/2010	3,3'-Dichlorobenzidine	680	ug/Kg	UJ
SEE09061130MHS1	9/6/2010	3,3'-Dichlorobenzidine	680	ug/Kg	U
SEE08261445JRP1	8/26/2010	3,3'-Dichlorobenzidine	680	ug/Kg	U
SEE10031425JDF1	10/3/2010	3,3'-Dichlorobenzidine	670	ug/Kg	UJ
SEE09291035JDF1	9/29/2010	3,3'-Dichlorobenzidine	670	ug/Kg	U
SEE09250905RCM1	9/25/2010	3,3'-Dichlorobenzidine	670	ug/Kg	U
SEE09211530JDF1	9/21/2010	3,3'-Dichlorobenzidine	670	ug/Kg	U
SEE09131125PML1	9/13/2010	3,3'-Dichlorobenzidine	670	ug/Kg	U
SEE09091605PML1	9/9/2010	3,3'-Dichlorobenzidine	670	ug/Kg	U
SEE09041350PML1	9/4/2010	3,3'-Dichlorobenzidine	670	ug/Kg	U
SEE09011255PML1	9/1/2010	3,3'-Dichlorobenzidine	670	ug/Kg	U
SEE09170945PML1	9/17/2010	3,3'-Dichlorobenzidine	660	ug/Kg	U
SEE09091145PML1	9/9/2010	3,3'-Dichlorobenzidine	660	ug/Kg	U
SEE08301445JRP1	8/30/2010	3,3'-Dichlorobenzidine	660	ug/Kg	U
SEE09091410PML1	9/9/2010	3,3'-Dichlorobenzidine	650	ug/Kg	U
SEE09171125PML1	9/17/2010	3,3'-Dichlorobenzidine	640	ug/Kg	U
SEE09051015PML1	9/5/2010	3,3'-Dichlorobenzidine	640	ug/Kg	U
SEE10161415JDF1	10/16/2010	3,3'-Dichlorobenzidine	630	ug/Kg	U
SEE10111011JDF1	10/11/2010	3,3'-Dichlorobenzidine	630	ug/Kg	U
SEE09130940PML1	9/13/2010	3,3'-Dichlorobenzidine	630	ug/Kg	U
SEE08301015JRP1	8/30/2010	3,3'-Dichlorobenzidine	630	ug/Kg	U
SEE10121415ARM1	10/12/2010	3,3'-Dichlorobenzidine	620	ug/Kg	U
SEE10071540PML1	10/7/2010	3,3'-Dichlorobenzidine	620	ug/Kg	UJ
SEE09031115JAW1	9/3/2010	3,3'-Dichlorobenzidine	620	ug/Kg	U
SEE08301530JAW1	8/30/2010	3,3'-Dichlorobenzidine	620	ug/Kg	U
SEE10161055JDF1	10/16/2010	3,3'-Dichlorobenzidine	610	ug/Kg	U
SEE10071205PML1	10/7/2010	3,3'-Dichlorobenzidine	610	ug/Kg	UJ
SEE09271515JDF1	9/27/2010	3,3'-Dichlorobenzidine	610	ug/Kg	U
SEE09211112RCM1	9/21/2010	3,3'-Dichlorobenzidine	610	ug/Kg	U
SEE09201645ARM1	9/20/2010	3,3'-Dichlorobenzidine	610	ug/Kg	U
SEE09171530PML1	9/17/2010	3,3'-Dichlorobenzidine	610	ug/Kg	U
SEE09091010PML1	9/9/2010	3,3'-Dichlorobenzidine	610	ug/Kg	U
SEE09091025JRP1	9/9/2010	3,3'-Dichlorobenzidine	610	ug/Kg	U

**TABLE B-2b**  
**Upstream Sediment Samples (Morrow Lake)**

Sample ID	Sample Date	Analyte	Result	Unit	Data Qualifier
SEE10111350JDF1	10/11/2010	3,3'-Dichlorobenzidine	600	ug/Kg	U
SEE09290925JDF1	9/29/2010	3,3'-Dichlorobenzidine	600	ug/Kg	U
SEE09221105JDF1	9/22/2010	3,3'-Dichlorobenzidine	600	ug/Kg	U
SEE09221615JDF1	9/22/2010	3,3'-Dichlorobenzidine	600	ug/Kg	U
SEE10151055ARM1	10/15/2010	3,3'-Dichlorobenzidine	590	ug/Kg	U
SEE09301255MAE1	9/30/2010	3,3'-Dichlorobenzidine	590	ug/Kg	UJ
SEE09011145PML1	9/1/2010	3,3'-Dichlorobenzidine	590	ug/Kg	U
SEE10041050JDF1	10/4/2010	3,3'-Dichlorobenzidine	580	ug/Kg	U
SEE09231130ARM1	9/23/2010	3,3'-Dichlorobenzidine	580	ug/Kg	U
SEE10121030JDF1	10/12/2010	3,3'-Dichlorobenzidine	570	ug/Kg	U
SEE10041335JDF1	10/4/2010	3,3'-Dichlorobenzidine	570	ug/Kg	U
SEE09271025ARM1	9/27/2010	3,3'-Dichlorobenzidine	570	ug/Kg	U
SEE10040945JDF1	10/4/2010	3,3'-Dichlorobenzidine	560	ug/Kg	U
SEE09130955JRP1	9/13/2010	3,3'-Dichlorobenzidine	560	ug/Kg	U
SEE09291645JDF1	9/29/2010	3,3'-Dichlorobenzidine	550	ug/Kg	U
SEE09141312RCM1	9/14/2010	3,3'-Dichlorobenzidine	530	ug/Kg	U
SEE10151355ARM1	10/15/2010	3,3'-Dichlorobenzidine	480	ug/Kg	U
SEE10041355ARM1	10/4/2010	3,3'-Dichlorobenzidine	480	ug/Kg	U
SEE09090900JRP1	9/9/2010	3,3'-Dichlorobenzidine	470	ug/Kg	U
SEE08311010JRP1	8/31/2010	3,3'-Dichlorobenzidine	470	ug/Kg	U
SEE08311348MHS1	8/31/2010	3,3'-Dichlorobenzidine	470	ug/Kg	U
SEE10170915JDF1	10/17/2010	3,3'-Dichlorobenzidine	460	ug/Kg	U
SEE10071415ARM1	10/7/2010	3,3'-Dichlorobenzidine	460	ug/Kg	UJ
SEE09291135JDF1	9/29/2010	3,3'-Dichlorobenzidine	460	ug/Kg	U
SEE10071151RCM1	10/7/2010	3,3'-Dichlorobenzidine	430	ug/Kg	UJ
SEE08300920JRP1	8/30/2010	3,3'-Dichlorobenzidine	410	ug/Kg	U
SEE09051500MHS1	9/5/2010	3,3'-Dichlorobenzidine	380	ug/Kg	U
SEE10141025ARM1	10/14/2010	3,3'-Dichlorobenzidine	370	ug/Kg	U
SEE10091200ARM1	10/9/2010	3,3'-Dichlorobenzidine	330	ug/Kg	U
SEE09130915JRP1	9/13/2010	3,3'-Dichlorobenzidine	330	ug/Kg	U
SEE09061610JAW1	9/6/2010	3,3'-Dichlorobenzidine	290	ug/Kg	U
SEE10051415ARM1	10/5/2010	3,3'-Dichlorobenzidine	280	ug/Kg	U
SEE10171535ARM1	10/17/2010	3,3'-Dichlorobenzidine	270	ug/Kg	U
SEE08261700JRP1	8/26/2010	3,3'-Dichlorobenzidine	270	ug/Kg	U
SEE09100945RCM1	9/10/2010	3,3'-Dichlorobenzidine	260	ug/Kg	U
SEE08301410JRP1	8/30/2010	3,3'-Dichlorobenzidine	260	ug/Kg	U
SEE10011125ARM1	10/1/2010	3,3'-Dichlorobenzidine	250	ug/Kg	U
SEE09211120ARM1	9/21/2010	3,3'-Dichlorobenzidine	250	ug/Kg	U
SEE09201110ARM1	9/20/2010	3,3'-Dichlorobenzidine	250	ug/Kg	U
SEE10081035ARM1	10/8/2010	3,3'-Dichlorobenzidine	240	ug/Kg	U
SEE09171200ARM1	9/17/2010	3,3'-Dichlorobenzidine	240	ug/Kg	U
SEF10011045TDF1	10/1/2010	3,3'-Dichlorobenzidine	230	ug/Kg	U
SEE09290915MAE1	9/29/2010	3,3'-Dichlorobenzidine	230	ug/Kg	U
SEE09271500ARM1	9/27/2010	3,3'-Dichlorobenzidine	230	ug/Kg	U
SEE09231205RCM1	9/23/2010	3,3'-Dichlorobenzidine	230	ug/Kg	U
SEE09200911RCM1	9/20/2010	3,3'-Dichlorobenzidine	230	ug/Kg	U
SEE09140945JRP1	9/14/2010	3,3'-Dichlorobenzidine	230	ug/Kg	U
SEF10081108TDF3	10/8/2010	3,3'-Dichlorobenzidine	220	ug/Kg	U
SEE10071045ARM1	10/7/2010	3,3'-Dichlorobenzidine	220	ug/Kg	UJ
SEE10041045ARM1	10/4/2010	3,3'-Dichlorobenzidine	220	ug/Kg	U
SEE10011043RCM1	10/1/2010	3,3'-Dichlorobenzidine	220	ug/Kg	U
SEE09281445RCM1	9/28/2010	3,3'-Dichlorobenzidine	220	ug/Kg	U
SEE09251235ARM1	9/25/2010	3,3'-Dichlorobenzidine	220	ug/Kg	U
SEE09231035ARM1	9/23/2010	3,3'-Dichlorobenzidine	220	ug/Kg	U
SEE09170935RCM1	9/17/2010	3,3'-Dichlorobenzidine	220	ug/Kg	U
SEE09150915JRP1	9/15/2010	3,3'-Dichlorobenzidine	220	ug/Kg	U
SEE09070930JRP1	9/7/2010	3,3'-Dichlorobenzidine	220	ug/Kg	U
SEB09011143JLS1	9/1/2010	3,3'-Dichlorobenzidine	220	ug/Kg	U
SEE08301100JRP1	8/30/2010	3,3'-Dichlorobenzidine	220	ug/Kg	U
SEF10151030PMB3	10/15/2010	3,3'-Dichlorobenzidine	210	ug/Kg	U

**TABLE B-2b**  
**Upstream Sediment Samples (Morrow Lake)**

Sample ID	Sample Date	Analyte	Result	Unit	Data Qualifier
SEF10121130PMB3	10/12/2010	3,3'-Dichlorobenzidine	210	ug/Kg	U
SEE10061135ARM1	10/6/2010	3,3'-Dichlorobenzidine	210	ug/Kg	U
SEF10051206TDF3	10/5/2010	3,3'-Dichlorobenzidine	210	ug/Kg	U
SEE09100920JRP1	9/10/2010	3,3'-Dichlorobenzidine	210	ug/Kg	U
SEE09051500JAW1	9/5/2010	3,3'-Dichlorobenzidine	210	ug/Kg	U
SEE10131035ARM1	10/13/2010	3,3'-Dichlorobenzidine	200	ug/Kg	U
SEE10121040ARM1	10/12/2010	3,3'-Dichlorobenzidine	200	ug/Kg	U
SEE10051145RCM1	10/5/2010	3,3'-Dichlorobenzidine	200	ug/Kg	U
SEE09301025MAE1	9/30/2010	3,3'-Dichlorobenzidine	200	ug/Kg	UJ
SEF09281139TDF1	9/28/2010	3,3'-Dichlorobenzidine	200	ug/Kg	U
SEE09221045ARM1	9/22/2010	3,3'-Dichlorobenzidine	200	ug/Kg	U
SEE09080930JRP1	9/8/2010	3,3'-Dichlorobenzidine	200	ug/Kg	U
SEE09011515JAW1	9/1/2010	3,3'-Dichlorobenzidine	200	ug/Kg	U
SEE10181030JWP1	10/18/2010	3,3'-Dichlorobenzidine	190	ug/Kg	U
ML-06-S-082310	8/23/2010	3,3'-Dichlorobenzidine	3.3	mg/Kg	U
ML-04-S-081710	8/17/2010	3,3'-Dichlorobenzidine	3.2	mg/Kg	UJ
ML-04-S-082610	8/26/2010	3,3'-Dichlorobenzidine	3.1	mg/Kg	UJ
ML-03-S-082310	8/23/2010	3,3'-Dichlorobenzidine	3.1	mg/Kg	UJ
ML-06-S-081710	8/17/2010	3,3'-Dichlorobenzidine	3.1	mg/Kg	UJ
ML-10-S-082610	8/26/2010	3,3'-Dichlorobenzidine	3.0	mg/Kg	UJ
ML-10-S-082610	8/26/2010	3,3'-Dichlorobenzidine	3.0	mg/Kg	UJ
ML-05-S-082310	8/23/2010	3,3'-Dichlorobenzidine	2.8	mg/Kg	U
ML-05-S-081710	8/17/2010	3,3'-Dichlorobenzidine	2.6	mg/Kg	UJ
ML-02-S-082310	8/23/2010	3,3'-Dichlorobenzidine	2.5	mg/Kg	U
ML-02-S-081710	8/17/2010	3,3'-Dichlorobenzidine	2.4	mg/Kg	UJ
ML-06-S-082510	8/25/2010	3,3'-Dichlorobenzidine	1.8	mg/Kg	UJ
ML-07-S-082410	8/24/2010	3,3'-Dichlorobenzidine	1.8	mg/Kg	UJ
ML-07-S-082110	8/21/2010	3,3'-Dichlorobenzidine	1.8	mg/Kg	UJ
ML-05-S-082610	8/26/2010	3,3'-Dichlorobenzidine	1.7	mg/Kg	UJ
ML-07-S-082510	8/25/2010	3,3'-Dichlorobenzidine	1.7	mg/Kg	UJ
ML-08-S-082110	8/21/2010	3,3'-Dichlorobenzidine	1.7	mg/Kg	UJ
ML-07-S-081610	8/16/2010	3,3'-Dichlorobenzidine	1.7	mg/Kg	UJ
ML-08-S-081610	8/16/2010	3,3'-Dichlorobenzidine	1.7	mg/Kg	UJ
ML-08-S-082510	8/25/2010	3,3'-Dichlorobenzidine	1.6	mg/Kg	UJ
ML-08-S-082410	8/24/2010	3,3'-Dichlorobenzidine	1.6	mg/Kg	UJ
ML-01-S-081610	8/16/2010	3,3'-Dichlorobenzidine	1.6	mg/Kg	UJ
ML-01-S-082510	8/25/2010	3,3'-Dichlorobenzidine	1.5	mg/Kg	UJ
ML-09-S-082510	8/25/2010	3,3'-Dichlorobenzidine	1.5	mg/Kg	UJ
ML-04-S-082410	8/24/2010	3,3'-Dichlorobenzidine	1.5	mg/Kg	UJ
ML-10-S-082410	8/24/2010	3,3'-Dichlorobenzidine	1.5	mg/Kg	UJ
ML-10-S-082410	8/24/2010	3,3'-Dichlorobenzidine	1.5	mg/Kg	UJ
ML-09-S-082110	8/21/2010	3,3'-Dichlorobenzidine	1.5	mg/Kg	UJ
ML-10-S-082110	8/21/2010	3,3'-Dichlorobenzidine	1.5	mg/Kg	UJ
ML-10-S-082110	8/21/2010	3,3'-Dichlorobenzidine	1.5	mg/Kg	UJ
ML-10-S-081610	8/16/2010	3,3'-Dichlorobenzidine	1.5	mg/Kg	UJ
ML-10-S-081610	8/16/2010	3,3'-Dichlorobenzidine	1.5	mg/Kg	UJ
ML-02-S-082510	8/25/2010	3,3'-Dichlorobenzidine	1.4	mg/Kg	UJ
ML-09-S-082410	8/24/2010	3,3'-Dichlorobenzidine	1.4	mg/Kg	UJ
ML-01-S-082110	8/21/2010	3,3'-Dichlorobenzidine	1.4	mg/Kg	UJ
ML-03-S-082510	8/25/2010	3,3'-Dichlorobenzidine	1.3	mg/Kg	UJ
ML-03-S-081610	8/16/2010	3,3'-Dichlorobenzidine	1.2	mg/Kg	UJ
SEE09051430PML1	9/5/2010	3-Methylphenol & 4-Methylphenol	3000	ug/Kg	U
SEE09011635PML1	9/1/2010	3-Methylphenol & 4-Methylphenol	3000	ug/Kg	U
SEE08271145RCM1	8/27/2010	3-Methylphenol & 4-Methylphenol	2400	ug/kg	U
SEE08261620RCM1	8/26/2010	3-Methylphenol & 4-Methylphenol	2200	ug/kg	U
SEE08261420RCM1	8/26/2010	3-Methylphenol & 4-Methylphenol	1800	ug/kg	U
SEE08281607TWH1	8/28/2010	3-Methylphenol & 4-Methylphenol	1300	ug/kg	UJ
SEE08281630RCM1	8/28/2010	3-Methylphenol & 4-Methylphenol	1300	ug/kg	UJ
SEE08281505PML1	8/28/2010	3-Methylphenol & 4-Methylphenol	1100	ug/kg	UJ
SEE08271215PML1	8/27/2010	3-Methylphenol & 4-Methylphenol	1100	ug/kg	U

**TABLE B-2b**  
**Upstream Sediment Samples (Morrow Lake)**

Sample ID	Sample Date	Analyte	Result	Unit	Data Qualifier
SEE08271500PML1	8/27/2010	3-Methylphenol & 4-Methylphenol	1000	ug/kg	U
SEE08271614TWH1	8/27/2010	3-Methylphenol & 4-Methylphenol	1000	ug/kg	U
SEE10051125PML1	10/5/2010	3-Methylphenol & 4-Methylphenol	930	ug/Kg	U
SEE09061500PML1	9/6/2010	3-Methylphenol & 4-Methylphenol	920	ug/Kg	U
SEE09021400PML1	9/2/2010	3-Methylphenol & 4-Methylphenol	920	ug/Kg	U
SEE09301105JDF1	9/30/2010	3-Methylphenol & 4-Methylphenol	910	ug/Kg	U
SEE08301130PML1	8/30/2010	3-Methylphenol & 4-Methylphenol	910	ug/Kg	U
SEE08291110PML1	8/29/2010	3-Methylphenol & 4-Methylphenol	890	ug/kg	U
SEE10171410JDF1	10/17/2010	3-Methylphenol & 4-Methylphenol	880	ug/Kg	U
SEE09181235PML1	9/18/2010	3-Methylphenol & 4-Methylphenol	880	ug/Kg	U
SEE09101022PML1	9/10/2010	3-Methylphenol & 4-Methylphenol	880	ug/Kg	UJ
SEE09011545PML1	9/1/2010	3-Methylphenol & 4-Methylphenol	870	ug/Kg	U
SEE08281420TWH1	8/28/2010	3-Methylphenol & 4-Methylphenol	870	ug/kg	UJ
SEE09231645JDF1	9/23/2010	3-Methylphenol & 4-Methylphenol	860	ug/Kg	U
SEE09141135PML1	9/14/2010	3-Methylphenol & 4-Methylphenol	860	ug/Kg	U
SEE09091410RCM1	9/9/2010	3-Methylphenol & 4-Methylphenol	860	ug/Kg	U
SEE08281215PML1	8/28/2010	3-Methylphenol & 4-Methylphenol	860	ug/kg	U
SEE10081115PML1	10/8/2010	3-Methylphenol & 4-Methylphenol	850	ug/Kg	U
SEE09121105RCM1	9/12/2010	3-Methylphenol & 4-Methylphenol	850	ug/Kg	UJ
SEE09101215PML1	9/10/2010	3-Methylphenol & 4-Methylphenol	850	ug/Kg	UJ
SEE09081020RCM1	9/8/2010	3-Methylphenol & 4-Methylphenol	850	ug/Kg	U
SEE09031645MHS1	9/3/2010	3-Methylphenol & 4-Methylphenol	850	ug/Kg	U
SEE09011545MHS1	9/1/2010	3-Methylphenol & 4-Methylphenol	850	ug/Kg	U
SEE08311420PML1	8/31/2010	3-Methylphenol & 4-Methylphenol	850	ug/Kg	U
SEE08311420PML1	8/31/2010	3-Methylphenol & 4-Methylphenol	850	ug/Kg	U
SEE10131150JDF1	10/13/2010	3-Methylphenol & 4-Methylphenol	840	ug/Kg	U
SEE09301255JDF1	9/30/2010	3-Methylphenol & 4-Methylphenol	840	ug/Kg	U
SEE09030925PML1	9/3/2010	3-Methylphenol & 4-Methylphenol	830	ug/Kg	U
SEE10091401PML1	10/9/2010	3-Methylphenol & 4-Methylphenol	820	ug/Kg	UJ
SEE09051550MHS1	9/5/2010	3-Methylphenol & 4-Methylphenol	820	ug/Kg	U
SEE09291023RCM1	9/29/2010	3-Methylphenol & 4-Methylphenol	810	ug/Kg	U
SEE09121436RCM1	9/12/2010	3-Methylphenol & 4-Methylphenol	810	ug/Kg	UJ
SEE09021010PML1	9/2/2010	3-Methylphenol & 4-Methylphenol	810	ug/Kg	U
SEE08281510TWH1	8/28/2010	3-Methylphenol & 4-Methylphenol	810	ug/kg	UJ
SEE10041530JDF1	10/4/2010	3-Methylphenol & 4-Methylphenol	800	ug/Kg	U
SEE09101625PML1	9/10/2010	3-Methylphenol & 4-Methylphenol	800	ug/Kg	UJ
SEE09061525MHS1	9/6/2010	3-Methylphenol & 4-Methylphenol	800	ug/Kg	U
SEE09031100PML1	9/3/2010	3-Methylphenol & 4-Methylphenol	800	ug/Kg	U
SEE08301638MHS1	8/30/2010	3-Methylphenol & 4-Methylphenol	800	ug/Kg	U
SEE10181035JDF1	10/18/2010	3-Methylphenol & 4-Methylphenol	790	ug/Kg	U
SEE10091614PML1	10/9/2010	3-Methylphenol & 4-Methylphenol	790	ug/Kg	UJ
SEE10051653PML1	10/5/2010	3-Methylphenol & 4-Methylphenol	790	ug/Kg	U
SEE09231210JDF1	9/23/2010	3-Methylphenol & 4-Methylphenol	790	ug/Kg	U
SEE09141515PML1	9/14/2010	3-Methylphenol & 4-Methylphenol	790	ug/Kg	U
SEE09131026RCM1	9/13/2010	3-Methylphenol & 4-Methylphenol	790	ug/Kg	U
SEE09051130PML1	9/5/2010	3-Methylphenol & 4-Methylphenol	790	ug/Kg	U
SEE08301550PML1	8/30/2010	3-Methylphenol & 4-Methylphenol	790	ug/Kg	U
SEE10171115JDF1	10/17/2010	3-Methylphenol & 4-Methylphenol	780	ug/Kg	U
SEE10141015JDF1	10/14/2010	3-Methylphenol & 4-Methylphenol	780	ug/Kg	U
SEE09220935RCM1	9/22/2010	3-Methylphenol & 4-Methylphenol	780	ug/Kg	U
SEE09191445RCM1	9/19/2010	3-Methylphenol & 4-Methylphenol	780	ug/Kg	U
SEE09161045PML1	9/16/2010	3-Methylphenol & 4-Methylphenol	780	ug/Kg	U
SEE09071050PML1	9/7/2010	3-Methylphenol & 4-Methylphenol	780	ug/Kg	UJ
SEE10181510JDF1	10/18/2010	3-Methylphenol & 4-Methylphenol	770	ug/Kg	U
SEE10181510JDF1	10/18/2010	3-Methylphenol & 4-Methylphenol	770	ug/Kg	U
SEE10061205PML1	10/6/2010	3-Methylphenol & 4-Methylphenol	770	ug/Kg	U
SEE10031115JDF1	10/3/2010	3-Methylphenol & 4-Methylphenol	770	ug/Kg	U
SEE10031115JDF1	10/3/2010	3-Methylphenol & 4-Methylphenol	770	ug/Kg	U
SEE09171415PML1	9/17/2010	3-Methylphenol & 4-Methylphenol	770	ug/Kg	U
SEE09140945PML1	9/14/2010	3-Methylphenol & 4-Methylphenol	770	ug/Kg	U

**TABLE B-2b**  
**Upstream Sediment Samples (Morrow Lake)**

Sample ID	Sample Date	Analyte	Result	Unit	Data Qualifier
SEE09131445RCM1	9/13/2010	3-Methylphenol & 4-Methylphenol	770	ug/Kg	U
SEE09131505PML1	9/13/2010	3-Methylphenol & 4-Methylphenol	770	ug/Kg	U
SEE08301145MHS1	8/30/2010	3-Methylphenol & 4-Methylphenol	770	ug/Kg	U
SEE08291421KAP1	8/29/2010	3-Methylphenol & 4-Methylphenol	770	ug/kg	U
SEE10141555ARM1	10/14/2010	3-Methylphenol & 4-Methylphenol	760	ug/Kg	U
SEE10101215PML1	10/10/2010	3-Methylphenol & 4-Methylphenol	760	ug/Kg	U
SEE10101215PML1	10/10/2010	3-Methylphenol & 4-Methylphenol	760	ug/Kg	U
SEE09170839RCM1	9/17/2010	3-Methylphenol & 4-Methylphenol	760	ug/Kg	U
SEE09081205PML1	9/8/2010	3-Methylphenol & 4-Methylphenol	760	ug/Kg	U
SEE09031140MHS1	9/3/2010	3-Methylphenol & 4-Methylphenol	760	ug/Kg	U
SEE08271652TWH1	8/27/2010	3-Methylphenol & 4-Methylphenol	760	ug/kg	U
SEE10061051RCM1	10/6/2010	3-Methylphenol & 4-Methylphenol	750	ug/Kg	U
SEE10041138RCM1	10/4/2010	3-Methylphenol & 4-Methylphenol	750	ug/Kg	U
SEE09251135JDF1	9/25/2010	3-Methylphenol & 4-Methylphenol	750	ug/Kg	UJ
SEE09200945PML1	9/20/2010	3-Methylphenol & 4-Methylphenol	750	ug/Kg	U
SEE09200945PML1	9/20/2010	3-Methylphenol & 4-Methylphenol	750	ug/Kg	U
SEE09191040PML1	9/19/2010	3-Methylphenol & 4-Methylphenol	750	ug/Kg	U
SEE09181705PML1	9/18/2010	3-Methylphenol & 4-Methylphenol	750	ug/Kg	U
SEE09091005RCM1	9/9/2010	3-Methylphenol & 4-Methylphenol	750	ug/Kg	U
SEE09061105PML1	9/6/2010	3-Methylphenol & 4-Methylphenol	750	ug/Kg	U
SEE09031650PML1	9/3/2010	3-Methylphenol & 4-Methylphenol	750	ug/Kg	U
SEE09031650PML1	9/3/2010	3-Methylphenol & 4-Methylphenol	750	ug/Kg	U
SEE10141150JDF1	10/14/2010	3-Methylphenol & 4-Methylphenol	740	ug/Kg	U
SEE10101010PML1	10/10/2010	3-Methylphenol & 4-Methylphenol	740	ug/Kg	U
SEE10081051RCM1	10/8/2010	3-Methylphenol & 4-Methylphenol	740	ug/Kg	U
SEE09261625JDF1	9/26/2010	3-Methylphenol & 4-Methylphenol	740	ug/Kg	U
SEE09261625JDF1	9/26/2010	3-Methylphenol & 4-Methylphenol	740	ug/Kg	U
SEE09191530PML1	9/19/2010	3-Methylphenol & 4-Methylphenol	740	ug/Kg	U
SEE09151145PML1	9/15/2010	3-Methylphenol & 4-Methylphenol	740	ug/Kg	U
SEE09151145PML1	9/15/2010	3-Methylphenol & 4-Methylphenol	740	ug/Kg	U
SEE09121055PML1	9/12/2010	3-Methylphenol & 4-Methylphenol	740	ug/Kg	UJ
SEE09121055PML1	9/12/2010	3-Methylphenol & 4-Methylphenol	740	ug/Kg	UJ
SEE09091515PML1	9/9/2010	3-Methylphenol & 4-Methylphenol	740	ug/Kg	U
SEE09081010PML1	9/8/2010	3-Methylphenol & 4-Methylphenol	740	ug/Kg	U
SEE08311045PML1	8/31/2010	3-Methylphenol & 4-Methylphenol	740	ug/Kg	U
SEE10161530JDF1	10/16/2010	3-Methylphenol & 4-Methylphenol	730	ug/Kg	U
SEE10141550JDF1	10/14/2010	3-Methylphenol & 4-Methylphenol	730	ug/Kg	U
SEE10141550JDF1	10/14/2010	3-Methylphenol & 4-Methylphenol	730	ug/Kg	U
SEE10121155JDF1	10/12/2010	3-Methylphenol & 4-Methylphenol	730	ug/Kg	U
SEE10011120JDF1	10/1/2010	3-Methylphenol & 4-Methylphenol	730	ug/Kg	UJ
SEE09260930RCM1	9/26/2010	3-Methylphenol & 4-Methylphenol	730	ug/Kg	U
SEE09230955RCM1	9/23/2010	3-Methylphenol & 4-Methylphenol	730	ug/Kg	U
SEE09151015PML1	9/15/2010	3-Methylphenol & 4-Methylphenol	730	ug/Kg	U
SEE09111015PML1	9/11/2010	3-Methylphenol & 4-Methylphenol	730	ug/Kg	UJ
SEE10181210JDF1	10/18/2010	3-Methylphenol & 4-Methylphenol	720	ug/Kg	U
SEE10150945JDF1	10/15/2010	3-Methylphenol & 4-Methylphenol	720	ug/Kg	U
SEE10120930JDF1	10/12/2010	3-Methylphenol & 4-Methylphenol	720	ug/Kg	U
SEE10081231PML1	10/8/2010	3-Methylphenol & 4-Methylphenol	720	ug/Kg	U
SEE10071042RCM1	10/7/2010	3-Methylphenol & 4-Methylphenol	720	ug/Kg	U
SEE10071101PML1	10/7/2010	3-Methylphenol & 4-Methylphenol	720	ug/Kg	U
SEE09261215JDF1	9/26/2010	3-Methylphenol & 4-Methylphenol	720	ug/Kg	U
SEE09011050PML1	9/1/2010	3-Methylphenol & 4-Methylphenol	720	ug/Kg	U
SEE09221440JDF1	9/22/2010	3-Methylphenol & 4-Methylphenol	710	ug/Kg	U
SEE09040950PML1	9/4/2010	3-Methylphenol & 4-Methylphenol	710	ug/Kg	U
SEE10181430JWP1	10/18/2010	3-Methylphenol & 4-Methylphenol	700	ug/Kg	U
SEE10161115ARM1	10/16/2010	3-Methylphenol & 4-Methylphenol	700	ug/Kg	U
SEE10061640PML1	10/6/2010	3-Methylphenol & 4-Methylphenol	700	ug/Kg	U
SEE10061640PML1	10/6/2010	3-Methylphenol & 4-Methylphenol	700	ug/Kg	U
SEE09301205RCM1	9/30/2010	3-Methylphenol & 4-Methylphenol	700	ug/Kg	U
SEE09211155JDF1	9/21/2010	3-Methylphenol & 4-Methylphenol	700	ug/Kg	UJ



**TABLE B-2b**  
**Upstream Sediment Samples (Morrow Lake)**

Sample ID	Sample Date	Analyte	Result	Unit	Data Qualifier
SEE09201115RCM1	9/20/2010	3-Methylphenol & 4-Methylphenol	700	ug/Kg	U
SEE09171445RCM1	9/17/2010	3-Methylphenol & 4-Methylphenol	700	ug/Kg	U
SEE09161035RCM1	9/16/2010	3-Methylphenol & 4-Methylphenol	700	ug/Kg	U
SEE10041150JDF1	10/4/2010	3-Methylphenol & 4-Methylphenol	690	ug/Kg	U
SEE09121450PML1	9/12/2010	3-Methylphenol & 4-Methylphenol	690	ug/Kg	UJ
SEE08301520JRP1	8/30/2010	3-Methylphenol & 4-Methylphenol	690	ug/Kg	U
SEE10111125JDF1	10/11/2010	3-Methylphenol & 4-Methylphenol	680	ug/Kg	U
SEE09271130JDF1	9/27/2010	3-Methylphenol & 4-Methylphenol	680	ug/Kg	U
SEE09131620PML1	9/13/2010	3-Methylphenol & 4-Methylphenol	680	ug/Kg	U
SEE09061130MHS1	9/6/2010	3-Methylphenol & 4-Methylphenol	680	ug/Kg	U
SEE08261445JRP1	8/26/2010	3-Methylphenol & 4-Methylphenol	680	ug/Kg	U
SEE10031425JDF1	10/3/2010	3-Methylphenol & 4-Methylphenol	670	ug/Kg	U
SEE09291035JDF1	9/29/2010	3-Methylphenol & 4-Methylphenol	670	ug/Kg	U
SEE09250905RCM1	9/25/2010	3-Methylphenol & 4-Methylphenol	670	ug/Kg	UJ
SEE09211530JDF1	9/21/2010	3-Methylphenol & 4-Methylphenol	670	ug/Kg	UJ
SEE09131125PML1	9/13/2010	3-Methylphenol & 4-Methylphenol	670	ug/Kg	U
SEE09091605PML1	9/9/2010	3-Methylphenol & 4-Methylphenol	670	ug/Kg	U
SEE09041350PML1	9/4/2010	3-Methylphenol & 4-Methylphenol	670	ug/Kg	U
SEE09011255PML1	9/1/2010	3-Methylphenol & 4-Methylphenol	670	ug/Kg	U
SEE09170945PML1	9/17/2010	3-Methylphenol & 4-Methylphenol	660	ug/Kg	U
SEE09091145PML1	9/9/2010	3-Methylphenol & 4-Methylphenol	660	ug/Kg	U
SEE08301445JRP1	8/30/2010	3-Methylphenol & 4-Methylphenol	660	ug/Kg	U
SEE09091410PML1	9/9/2010	3-Methylphenol & 4-Methylphenol	650	ug/Kg	U
SEE09171125PML1	9/17/2010	3-Methylphenol & 4-Methylphenol	640	ug/Kg	U
SEE09051015PML1	9/5/2010	3-Methylphenol & 4-Methylphenol	640	ug/Kg	U
SEE10161415JDF1	10/16/2010	3-Methylphenol & 4-Methylphenol	630	ug/Kg	U
SEE10111011JDF1	10/11/2010	3-Methylphenol & 4-Methylphenol	630	ug/Kg	U
SEE09130940PML1	9/13/2010	3-Methylphenol & 4-Methylphenol	630	ug/Kg	U
SEE08301015JRP1	8/30/2010	3-Methylphenol & 4-Methylphenol	630	ug/Kg	U
SEE08291550KAP1	8/29/2010	3-Methylphenol & 4-Methylphenol	630	ug/kg	U
SEE10121415ARM1	10/12/2010	3-Methylphenol & 4-Methylphenol	620	ug/Kg	U
SEE10071540PML1	10/7/2010	3-Methylphenol & 4-Methylphenol	620	ug/Kg	U
SEE09031115JAW1	9/3/2010	3-Methylphenol & 4-Methylphenol	620	ug/Kg	U
SEE08301530JAW1	8/30/2010	3-Methylphenol & 4-Methylphenol	620	ug/Kg	U
SEE10161055JDF1	10/16/2010	3-Methylphenol & 4-Methylphenol	610	ug/Kg	U
SEE10071205PML1	10/7/2010	3-Methylphenol & 4-Methylphenol	610	ug/Kg	U
SEE09271515JDF1	9/27/2010	3-Methylphenol & 4-Methylphenol	610	ug/Kg	U
SEE09211112RCM1	9/21/2010	3-Methylphenol & 4-Methylphenol	610	ug/Kg	UJ
SEE09201645ARM1	9/20/2010	3-Methylphenol & 4-Methylphenol	610	ug/Kg	U
SEE09171530PML1	9/17/2010	3-Methylphenol & 4-Methylphenol	610	ug/Kg	U
SEE09091010PML1	9/9/2010	3-Methylphenol & 4-Methylphenol	610	ug/Kg	U
SEE09091025JRP1	9/9/2010	3-Methylphenol & 4-Methylphenol	610	ug/Kg	U
SEE10111350JDF1	10/11/2010	3-Methylphenol & 4-Methylphenol	600	ug/Kg	U
SEE09290925JDF1	9/29/2010	3-Methylphenol & 4-Methylphenol	600	ug/Kg	U
SEE09221105JDF1	9/22/2010	3-Methylphenol & 4-Methylphenol	600	ug/Kg	U
SEE09221615JDF1	9/22/2010	3-Methylphenol & 4-Methylphenol	600	ug/Kg	U
SEE10151055ARM1	10/15/2010	3-Methylphenol & 4-Methylphenol	590	ug/Kg	U
SEE09301255MAE1	9/30/2010	3-Methylphenol & 4-Methylphenol	590	ug/Kg	U
SEE09011145PML1	9/1/2010	3-Methylphenol & 4-Methylphenol	590	ug/Kg	U
SEE10041050JDF1	10/4/2010	3-Methylphenol & 4-Methylphenol	580	ug/Kg	U
SEE09231130ARM1	9/23/2010	3-Methylphenol & 4-Methylphenol	580	ug/Kg	U
SEE10121030JDF1	10/12/2010	3-Methylphenol & 4-Methylphenol	570	ug/Kg	U
SEE09271025ARM1	9/27/2010	3-Methylphenol & 4-Methylphenol	570	ug/Kg	U
SEE10040945JDF1	10/4/2010	3-Methylphenol & 4-Methylphenol	560	ug/Kg	U
SEE09130955JRP1	9/13/2010	3-Methylphenol & 4-Methylphenol	560	ug/Kg	U
SEE09291645JDF1	9/29/2010	3-Methylphenol & 4-Methylphenol	550	ug/Kg	U
SEE09141312RCM1	9/14/2010	3-Methylphenol & 4-Methylphenol	530	ug/Kg	U
SEE08291354KAP1	8/29/2010	3-Methylphenol & 4-Methylphenol	500	ug/kg	U
SEE10041355ARM1	10/4/2010	3-Methylphenol & 4-Methylphenol	480	ug/Kg	U
SEE08311010JRP1	8/31/2010	3-Methylphenol & 4-Methylphenol	470	ug/Kg	U

**TABLE B-2b**  
**Upstream Sediment Samples (Morrow Lake)**

Sample ID	Sample Date	Analyte	Result	Unit	Data Qualifier
SEE08311348MHS1	8/31/2010	3-Methylphenol & 4-Methylphenol	470	ug/Kg	U
SEE10170915JDF1	10/17/2010	3-Methylphenol & 4-Methylphenol	460	ug/Kg	U
SEE10071415ARM1	10/7/2010	3-Methylphenol & 4-Methylphenol	460	ug/Kg	U
SEE09291135JDF1	9/29/2010	3-Methylphenol & 4-Methylphenol	460	ug/Kg	U
SEE10071151RCM1	10/7/2010	3-Methylphenol & 4-Methylphenol	430	ug/Kg	U
SEE08300920JRP1	8/30/2010	3-Methylphenol & 4-Methylphenol	410	ug/Kg	U
SEE08291445PML1	8/29/2010	3-Methylphenol & 4-Methylphenol	410	ug/kg	U
SEE09051500MHS1	9/5/2010	3-Methylphenol & 4-Methylphenol	380	ug/Kg	U
SEE10141025ARM1	10/14/2010	3-Methylphenol & 4-Methylphenol	370	ug/Kg	U
SEE08271445JRP1	8/27/2010	3-Methylphenol & 4-Methylphenol	340	ug/kg	U
SEE10091200ARM1	10/9/2010	3-Methylphenol & 4-Methylphenol	330	ug/Kg	UJ
SEE09130915JRP1	9/13/2010	3-Methylphenol & 4-Methylphenol	330	ug/Kg	U
SEE08271536TWH1	8/27/2010	3-Methylphenol & 4-Methylphenol	330	ug/kg	U
SEB08281400JLS1	8/28/2010	3-Methylphenol & 4-Methylphenol	320	ug/kg	UJ
SEE08281540JRP1	8/28/2010	3-Methylphenol & 4-Methylphenol	310	ug/kg	U
SEE09061610JAW1	9/6/2010	3-Methylphenol & 4-Methylphenol	290	ug/Kg	U
SEE10051415ARM1	10/5/2010	3-Methylphenol & 4-Methylphenol	280	ug/Kg	U
SEE10171535ARM1	10/17/2010	3-Methylphenol & 4-Methylphenol	270	ug/Kg	U
SEE08261700JRP1	8/26/2010	3-Methylphenol & 4-Methylphenol	270	ug/Kg	U
SEE09100945RCM1	9/10/2010	3-Methylphenol & 4-Methylphenol	260	ug/Kg	UJ
SEE08301410JRP1	8/30/2010	3-Methylphenol & 4-Methylphenol	260	ug/Kg	U
SEE10011125ARM1	10/1/2010	3-Methylphenol & 4-Methylphenol	250	ug/Kg	UJ
SEE09211120ARM1	9/21/2010	3-Methylphenol & 4-Methylphenol	250	ug/Kg	UJ
SEE09201110ARM1	9/20/2010	3-Methylphenol & 4-Methylphenol	250	ug/Kg	U
SEE10081035ARM1	10/8/2010	3-Methylphenol & 4-Methylphenol	240	ug/Kg	U
SEE09171200ARM1	9/17/2010	3-Methylphenol & 4-Methylphenol	240	ug/Kg	U
SEF10011045TDF1	10/1/2010	3-Methylphenol & 4-Methylphenol	230	ug/Kg	UJ
SEE09271500ARM1	9/27/2010	3-Methylphenol & 4-Methylphenol	230	ug/Kg	U
SEE09231205RCM1	9/23/2010	3-Methylphenol & 4-Methylphenol	230	ug/Kg	U
SEE09200911RCM1	9/20/2010	3-Methylphenol & 4-Methylphenol	230	ug/Kg	U
SEE09140945JRP1	9/14/2010	3-Methylphenol & 4-Methylphenol	230	ug/Kg	U
SEF10081108TDF3	10/8/2010	3-Methylphenol & 4-Methylphenol	220	ug/Kg	U
SEE10071045ARM1	10/7/2010	3-Methylphenol & 4-Methylphenol	220	ug/Kg	U
SEE10041045ARM1	10/4/2010	3-Methylphenol & 4-Methylphenol	220	ug/Kg	U
SEE10011043RCM1	10/1/2010	3-Methylphenol & 4-Methylphenol	220	ug/Kg	UJ
SEE09281445RCM1	9/28/2010	3-Methylphenol & 4-Methylphenol	220	ug/Kg	U
SEE09231035ARM1	9/23/2010	3-Methylphenol & 4-Methylphenol	220	ug/Kg	U
SEE09170935RCM1	9/17/2010	3-Methylphenol & 4-Methylphenol	220	ug/Kg	U
SEE09150915JRP1	9/15/2010	3-Methylphenol & 4-Methylphenol	220	ug/Kg	U
SEE09070930JRP1	9/7/2010	3-Methylphenol & 4-Methylphenol	220	ug/Kg	UJ
SEB09011143JLS1	9/1/2010	3-Methylphenol & 4-Methylphenol	220	ug/Kg	U
SEE08301100JRP1	8/30/2010	3-Methylphenol & 4-Methylphenol	220	ug/Kg	U
SEF10151030PMB3	10/15/2010	3-Methylphenol & 4-Methylphenol	210	ug/Kg	U
SEF10121130PMB3	10/12/2010	3-Methylphenol & 4-Methylphenol	210	ug/Kg	U
SEE10061135ARM1	10/6/2010	3-Methylphenol & 4-Methylphenol	210	ug/Kg	U
SEF10051206TDF3	10/5/2010	3-Methylphenol & 4-Methylphenol	210	ug/Kg	U
SEE09100920JRP1	9/10/2010	3-Methylphenol & 4-Methylphenol	210	ug/Kg	UJ
SEE09051500JAW1	9/5/2010	3-Methylphenol & 4-Methylphenol	210	ug/Kg	U
SEE10131035ARM1	10/13/2010	3-Methylphenol & 4-Methylphenol	200	ug/Kg	U
SEE10121040ARM1	10/12/2010	3-Methylphenol & 4-Methylphenol	200	ug/Kg	U
SEE10051145RCM1	10/5/2010	3-Methylphenol & 4-Methylphenol	200	ug/Kg	U
SEE09301025MAE1	9/30/2010	3-Methylphenol & 4-Methylphenol	200	ug/Kg	U
SEF09281139TDF1	9/28/2010	3-Methylphenol & 4-Methylphenol	200	ug/Kg	U
SEE09251235ARM1	9/25/2010	3-Methylphenol & 4-Methylphenol	200	ug/Kg	UJ
SEE09221045ARM1	9/22/2010	3-Methylphenol & 4-Methylphenol	200	ug/Kg	U
SEE09080930JRP1	9/8/2010	3-Methylphenol & 4-Methylphenol	200	ug/Kg	U
SEE09011515JAW1	9/1/2010	3-Methylphenol & 4-Methylphenol	200	ug/Kg	U
SEE10181030JWP1	10/18/2010	3-Methylphenol & 4-Methylphenol	190	ug/Kg	U
SEE10151355ARM1	10/15/2010	3-Methylphenol & 4-Methylphenol	140	ug/Kg	J
SEE10041335JDF1	10/4/2010	3-Methylphenol & 4-Methylphenol	130	ug/Kg	J

**TABLE B-2b**  
**Upstream Sediment Samples (Morrow Lake)**

Sample ID	Sample Date	Analyte	Result	Unit	Data Qualifier
SEE09090900JRP1	9/9/2010	3-Methylphenol & 4-Methylphenol	120	ug/Kg	J
SEE09290915MAE1	9/29/2010	3-Methylphenol & 4-Methylphenol	51	ug/Kg	J
SEE09011635PML1	9/1/2010	3-Nitroaniline	6000	ug/Kg	U
SEE09051430PML1	9/5/2010	3-Nitroaniline	5900	ug/Kg	U
SEE08271145RCM1	8/27/2010	3-Nitroaniline	4100	ug/kg	U
SEE10211035JDF1	10/21/2010	3-Nitroaniline	4000	ug/Kg	UJ
SEE10211430JDF1	10/21/2010	3-Nitroaniline	3600	ug/Kg	U
SEE10191005JDF1	10/19/2010	3-Nitroaniline	3600	ug/Kg	U
SEE08261620RCM1	8/26/2010	3-Nitroaniline	3600	ug/kg	U
SEE10221110JDF1	10/22/2010	3-Nitroaniline	3400	ug/Kg	U
SEE10221110JDF1	10/22/2010	3-Nitroaniline	3400	ug/Kg	U
SEE10191515JDF1	10/19/2010	3-Nitroaniline	3400	ug/Kg	U
SEE10191415JDF1	10/19/2010	3-Nitroaniline	3300	ug/Kg	U
SEE10211010JWP1	10/21/2010	3-Nitroaniline	3200	ug/Kg	U
SEE10191155JDF1	10/19/2010	3-Nitroaniline	3200	ug/Kg	U
SEE10191100JDF1	10/19/2010	3-Nitroaniline	3000	ug/Kg	U
SEE08261420RCM1	8/26/2010	3-Nitroaniline	3000	ug/kg	U
SEE10221055DWS1	10/22/2010	3-Nitroaniline	2900	ug/Kg	U
SEE10191010JWP1	10/19/2010	3-Nitroaniline	2800	ug/Kg	U
SEE08281607TWH1	8/28/2010	3-Nitroaniline	2100	ug/kg	U
SEE08281630RCM1	8/28/2010	3-Nitroaniline	2100	ug/kg	U
SEE10051125PML1	10/5/2010	3-Nitroaniline	1800	ug/Kg	U
SEE09301105JDF1	9/30/2010	3-Nitroaniline	1800	ug/Kg	U
SEE09061500PML1	9/6/2010	3-Nitroaniline	1800	ug/Kg	U
SEE09021400PML1	9/2/2010	3-Nitroaniline	1800	ug/Kg	U
SEE08301130PML1	8/30/2010	3-Nitroaniline	1800	ug/Kg	U
SEE08281505PML1	8/28/2010	3-Nitroaniline	1800	ug/kg	U
SEE08271215PML1	8/27/2010	3-Nitroaniline	1800	ug/kg	U
SEE10171410JDF1	10/17/2010	3-Nitroaniline	1700	ug/Kg	U
SEE10131150JDF1	10/13/2010	3-Nitroaniline	1700	ug/Kg	U
SEE10081115PML1	10/8/2010	3-Nitroaniline	1700	ug/Kg	U
SEE09301255JDF1	9/30/2010	3-Nitroaniline	1700	ug/Kg	U
SEE09231645JDF1	9/23/2010	3-Nitroaniline	1700	ug/Kg	U
SEE09181235PML1	9/18/2010	3-Nitroaniline	1700	ug/Kg	U
SEE09141135PML1	9/14/2010	3-Nitroaniline	1700	ug/Kg	U
SEE09121105RCM1	9/12/2010	3-Nitroaniline	1700	ug/Kg	U
SEE09101022PML1	9/10/2010	3-Nitroaniline	1700	ug/Kg	U
SEE09101215PML1	9/10/2010	3-Nitroaniline	1700	ug/Kg	U
SEE09091410RCM1	9/9/2010	3-Nitroaniline	1700	ug/Kg	U
SEE09081020RCM1	9/8/2010	3-Nitroaniline	1700	ug/Kg	U
SEE09031645MHS1	9/3/2010	3-Nitroaniline	1700	ug/Kg	U
SEE09011545MHS1	9/1/2010	3-Nitroaniline	1700	ug/Kg	U
SEE09011545PML1	9/1/2010	3-Nitroaniline	1700	ug/Kg	U
SEE08311420PML1	8/31/2010	3-Nitroaniline	1700	ug/Kg	U
SEE08311420PML1	8/31/2010	3-Nitroaniline	1700	ug/Kg	U
SEE08271500PML1	8/27/2010	3-Nitroaniline	1700	ug/kg	U
SEE08271614TWH1	8/27/2010	3-Nitroaniline	1700	ug/kg	U
SEE10221450DWS1	10/22/2010	3-Nitroaniline	1600	ug/Kg	U
SEE10181035JDF1	10/18/2010	3-Nitroaniline	1600	ug/Kg	U
SEE10091401PML1	10/9/2010	3-Nitroaniline	1600	ug/Kg	U
SEE10091614PML1	10/9/2010	3-Nitroaniline	1600	ug/Kg	U
SEE10051653PML1	10/5/2010	3-Nitroaniline	1600	ug/Kg	U
SEE10041530JDF1	10/4/2010	3-Nitroaniline	1600	ug/Kg	U
SEE09291023RCM1	9/29/2010	3-Nitroaniline	1600	ug/Kg	U
SEE09231210JDF1	9/23/2010	3-Nitroaniline	1600	ug/Kg	U
SEE09141515PML1	9/14/2010	3-Nitroaniline	1600	ug/Kg	U
SEE09131026RCM1	9/13/2010	3-Nitroaniline	1600	ug/Kg	U
SEE09121436RCM1	9/12/2010	3-Nitroaniline	1600	ug/Kg	U
SEE09101625PML1	9/10/2010	3-Nitroaniline	1600	ug/Kg	U
SEE09061525MHS1	9/6/2010	3-Nitroaniline	1600	ug/Kg	U

**TABLE B-2b**  
**Upstream Sediment Samples (Morrow Lake)**

Sample ID	Sample Date	Analyte	Result	Unit	Data Qualifier
SEE09051130PML1	9/5/2010	3-Nitroaniline	1600	ug/Kg	U
SEE09051550MHS1	9/5/2010	3-Nitroaniline	1600	ug/Kg	U
SEE09030925PML1	9/3/2010	3-Nitroaniline	1600	ug/Kg	U
SEE09031100PML1	9/3/2010	3-Nitroaniline	1600	ug/Kg	U
SEE09021010PML1	9/2/2010	3-Nitroaniline	1600	ug/Kg	U
SEE08301550PML1	8/30/2010	3-Nitroaniline	1600	ug/Kg	U
SEE08301638MHS1	8/30/2010	3-Nitroaniline	1600	ug/Kg	U
SEE10181510JDF1	10/18/2010	3-Nitroaniline	1500	ug/Kg	U
SEE10181510JDF1	10/18/2010	3-Nitroaniline	1500	ug/Kg	U
SEE10171115JDF1	10/17/2010	3-Nitroaniline	1500	ug/Kg	U
SEE10141015JDF1	10/14/2010	3-Nitroaniline	1500	ug/Kg	U
SEE10141150JDF1	10/14/2010	3-Nitroaniline	1500	ug/Kg	U
SEE10141555ARM1	10/14/2010	3-Nitroaniline	1500	ug/Kg	U
SEE10121155JDF1	10/12/2010	3-Nitroaniline	1500	ug/Kg	U
SEE10101010PML1	10/10/2010	3-Nitroaniline	1500	ug/Kg	U
SEE10101215PML1	10/10/2010	3-Nitroaniline	1500	ug/Kg	U
SEE10101215PML1	10/10/2010	3-Nitroaniline	1500	ug/Kg	U
SEE10081051RCM1	10/8/2010	3-Nitroaniline	1500	ug/Kg	U
SEE10061051RCM1	10/6/2010	3-Nitroaniline	1500	ug/Kg	U
SEE10061205PML1	10/6/2010	3-Nitroaniline	1500	ug/Kg	U
SEE10041138RCM1	10/4/2010	3-Nitroaniline	1500	ug/Kg	U
SEE10031115JDF1	10/3/2010	3-Nitroaniline	1500	ug/Kg	U
SEE10031115JDF1	10/3/2010	3-Nitroaniline	1500	ug/Kg	U
SEE09260930RCM1	9/26/2010	3-Nitroaniline	1500	ug/Kg	U
SEE09261625JDF1	9/26/2010	3-Nitroaniline	1500	ug/Kg	U
SEE09261625JDF1	9/26/2010	3-Nitroaniline	1500	ug/Kg	U
SEE09251135JDF1	9/25/2010	3-Nitroaniline	1500	ug/Kg	U
SEE09220935RCM1	9/22/2010	3-Nitroaniline	1500	ug/Kg	U
SEE09200945PML1	9/20/2010	3-Nitroaniline	1500	ug/Kg	U
SEE09200945PML1	9/20/2010	3-Nitroaniline	1500	ug/Kg	U
SEE09191040PML1	9/19/2010	3-Nitroaniline	1500	ug/Kg	U
SEE09191445RCM1	9/19/2010	3-Nitroaniline	1500	ug/Kg	U
SEE09191530PML1	9/19/2010	3-Nitroaniline	1500	ug/Kg	U
SEE09181705PML1	9/18/2010	3-Nitroaniline	1500	ug/Kg	U
SEE09170839RCM1	9/17/2010	3-Nitroaniline	1500	ug/Kg	U
SEE09171415PML1	9/17/2010	3-Nitroaniline	1500	ug/Kg	U
SEE09161045PML1	9/16/2010	3-Nitroaniline	1500	ug/Kg	U
SEE09151145PML1	9/15/2010	3-Nitroaniline	1500	ug/Kg	U
SEE09151145PML1	9/15/2010	3-Nitroaniline	1500	ug/Kg	U
SEE09140945PML1	9/14/2010	3-Nitroaniline	1500	ug/Kg	U
SEE09131445RCM1	9/13/2010	3-Nitroaniline	1500	ug/Kg	U
SEE09131505PML1	9/13/2010	3-Nitroaniline	1500	ug/Kg	U
SEE09121055PML1	9/12/2010	3-Nitroaniline	1500	ug/Kg	U
SEE09121055PML1	9/12/2010	3-Nitroaniline	1500	ug/Kg	U
SEE09091005RCM1	9/9/2010	3-Nitroaniline	1500	ug/Kg	U
SEE09091515PML1	9/9/2010	3-Nitroaniline	1500	ug/Kg	U
SEE09081010PML1	9/8/2010	3-Nitroaniline	1500	ug/Kg	U
SEE09081205PML1	9/8/2010	3-Nitroaniline	1500	ug/Kg	U
SEE09071050PML1	9/7/2010	3-Nitroaniline	1500	ug/Kg	U
SEE09061105PML1	9/6/2010	3-Nitroaniline	1500	ug/Kg	U
SEE09031140MHS1	9/3/2010	3-Nitroaniline	1500	ug/Kg	U
SEE09031650PML1	9/3/2010	3-Nitroaniline	1500	ug/Kg	U
SEE09031650PML1	9/3/2010	3-Nitroaniline	1500	ug/Kg	U
SEE08311045PML1	8/31/2010	3-Nitroaniline	1500	ug/Kg	U
SEE08301145MHS1	8/30/2010	3-Nitroaniline	1500	ug/Kg	U
SEE08291110PML1	8/29/2010	3-Nitroaniline	1500	ug/kg	U
SEE10211345JWP1	10/21/2010	3-Nitroaniline	1400	ug/Kg	U
SEE10181210JDF1	10/18/2010	3-Nitroaniline	1400	ug/Kg	U
SEE10181430JWP1	10/18/2010	3-Nitroaniline	1400	ug/Kg	U
SEE10161115ARM1	10/16/2010	3-Nitroaniline	1400	ug/Kg	U

**TABLE B-2b**  
**Upstream Sediment Samples (Morrow Lake)**

Sample ID	Sample Date	Analyte	Result	Unit	Data Qualifier
SEE10161530JDF1	10/16/2010	3-Nitroaniline	1400	ug/Kg	U
SEE10150945JDF1	10/15/2010	3-Nitroaniline	1400	ug/Kg	U
SEE10141550JDF1	10/14/2010	3-Nitroaniline	1400	ug/Kg	U
SEE10141550JDF1	10/14/2010	3-Nitroaniline	1400	ug/Kg	U
SEE10120930JDF1	10/12/2010	3-Nitroaniline	1400	ug/Kg	U
SEE10081231PML1	10/8/2010	3-Nitroaniline	1400	ug/Kg	U
SEE10071042RCM1	10/7/2010	3-Nitroaniline	1400	ug/Kg	U
SEE10071101PML1	10/7/2010	3-Nitroaniline	1400	ug/Kg	U
SEE10061640PML1	10/6/2010	3-Nitroaniline	1400	ug/Kg	U
SEE10061640PML1	10/6/2010	3-Nitroaniline	1400	ug/Kg	U
SEE10041150JDF1	10/4/2010	3-Nitroaniline	1400	ug/Kg	U
SEE10011120JDF1	10/1/2010	3-Nitroaniline	1400	ug/Kg	U
SEE09301205RCM1	9/30/2010	3-Nitroaniline	1400	ug/Kg	U
SEE09271130JDF1	9/27/2010	3-Nitroaniline	1400	ug/Kg	U
SEE09261215JDF1	9/26/2010	3-Nitroaniline	1400	ug/Kg	U
SEE09230955RCM1	9/23/2010	3-Nitroaniline	1400	ug/Kg	U
SEE09221440JDF1	9/22/2010	3-Nitroaniline	1400	ug/Kg	U
SEE09211155JDF1	9/21/2010	3-Nitroaniline	1400	ug/Kg	U
SEE09201115RCM1	9/20/2010	3-Nitroaniline	1400	ug/Kg	U
SEE09171445RCM1	9/17/2010	3-Nitroaniline	1400	ug/Kg	U
SEE09161035RCM1	9/16/2010	3-Nitroaniline	1400	ug/Kg	U
SEE09151015PML1	9/15/2010	3-Nitroaniline	1400	ug/Kg	U
SEE09131620PML1	9/13/2010	3-Nitroaniline	1400	ug/Kg	U
SEE09121450PML1	9/12/2010	3-Nitroaniline	1400	ug/Kg	U
SEE09111015PML1	9/11/2010	3-Nitroaniline	1400	ug/Kg	U
SEE09040950PML1	9/4/2010	3-Nitroaniline	1400	ug/Kg	U
SEE09011050PML1	9/1/2010	3-Nitroaniline	1400	ug/Kg	U
SEE08301520JRP1	8/30/2010	3-Nitroaniline	1400	ug/Kg	U
SEE08281215PML1	8/28/2010	3-Nitroaniline	1400	ug/kg	U
SEE08281420TWH1	8/28/2010	3-Nitroaniline	1400	ug/kg	U
SEE08281510TWH1	8/28/2010	3-Nitroaniline	1400	ug/kg	U
SEE10111125JDF1	10/11/2010	3-Nitroaniline	1300	ug/Kg	U
SEE10031425JDF1	10/3/2010	3-Nitroaniline	1300	ug/Kg	U
SEE09291035JDF1	9/29/2010	3-Nitroaniline	1300	ug/Kg	U
SEE09250905RCM1	9/25/2010	3-Nitroaniline	1300	ug/Kg	U
SEE09211530JDF1	9/21/2010	3-Nitroaniline	1300	ug/Kg	U
SEE09170945PML1	9/17/2010	3-Nitroaniline	1300	ug/Kg	U
SEE09171125PML1	9/17/2010	3-Nitroaniline	1300	ug/Kg	U
SEE09130940PML1	9/13/2010	3-Nitroaniline	1300	ug/Kg	U
SEE09131125PML1	9/13/2010	3-Nitroaniline	1300	ug/Kg	U
SEE09091145PML1	9/9/2010	3-Nitroaniline	1300	ug/Kg	U
SEE09091410PML1	9/9/2010	3-Nitroaniline	1300	ug/Kg	U
SEE09091605PML1	9/9/2010	3-Nitroaniline	1300	ug/Kg	U
SEE09061130MHS1	9/6/2010	3-Nitroaniline	1300	ug/Kg	U
SEE09051015PML1	9/5/2010	3-Nitroaniline	1300	ug/Kg	U
SEE09041350PML1	9/4/2010	3-Nitroaniline	1300	ug/Kg	U
SEE09011255PML1	9/1/2010	3-Nitroaniline	1300	ug/Kg	U
SEE08301445JRP1	8/30/2010	3-Nitroaniline	1300	ug/Kg	U
SEE08291421KAP1	8/29/2010	3-Nitroaniline	1300	ug/kg	U
SEE08271652TWH1	8/27/2010	3-Nitroaniline	1300	ug/kg	U
SEE08261445JRP1	8/26/2010	3-Nitroaniline	1300	ug/Kg	U
SEE10161055JDF1	10/16/2010	3-Nitroaniline	1200	ug/Kg	U
SEE10161415JDF1	10/16/2010	3-Nitroaniline	1200	ug/Kg	U
SEE10151055ARM1	10/15/2010	3-Nitroaniline	1200	ug/Kg	U
SEE10121415ARM1	10/12/2010	3-Nitroaniline	1200	ug/Kg	U
SEE10111011JDF1	10/11/2010	3-Nitroaniline	1200	ug/Kg	U
SEE10111350JDF1	10/11/2010	3-Nitroaniline	1200	ug/Kg	U
SEE10071205PML1	10/7/2010	3-Nitroaniline	1200	ug/Kg	U
SEE10071540PML1	10/7/2010	3-Nitroaniline	1200	ug/Kg	U
SEE09301255MAE1	9/30/2010	3-Nitroaniline	1200	ug/Kg	U

**TABLE B-2b**  
**Upstream Sediment Samples (Morrow Lake)**

Sample ID	Sample Date	Analyte	Result	Unit	Data Qualifier
SEE09290925JDF1	9/29/2010	3-Nitroaniline	1200	ug/Kg	U
SEE09271515JDF1	9/27/2010	3-Nitroaniline	1200	ug/Kg	U
SEE09221105JDF1	9/22/2010	3-Nitroaniline	1200	ug/Kg	U
SEE09221615JDF1	9/22/2010	3-Nitroaniline	1200	ug/Kg	U
SEE09211112RCM1	9/21/2010	3-Nitroaniline	1200	ug/Kg	U
SEE09201645ARM1	9/20/2010	3-Nitroaniline	1200	ug/Kg	U
SEE09171530PML1	9/17/2010	3-Nitroaniline	1200	ug/Kg	U
SEE09091010PML1	9/9/2010	3-Nitroaniline	1200	ug/Kg	U
SEE09091025JRP1	9/9/2010	3-Nitroaniline	1200	ug/Kg	U
SEE09031115JAW1	9/3/2010	3-Nitroaniline	1200	ug/Kg	U
SEE09011145PML1	9/1/2010	3-Nitroaniline	1200	ug/Kg	U
SEE08301015JRP1	8/30/2010	3-Nitroaniline	1200	ug/Kg	U
SEE08301530JAW1	8/30/2010	3-Nitroaniline	1200	ug/Kg	U
SEE10121030JDF1	10/12/2010	3-Nitroaniline	1100	ug/Kg	U
SEE10040945JDF1	10/4/2010	3-Nitroaniline	1100	ug/Kg	U
SEE10041050JDF1	10/4/2010	3-Nitroaniline	1100	ug/Kg	U
SEE10041335JDF1	10/4/2010	3-Nitroaniline	1100	ug/Kg	U
SEE09291645JDF1	9/29/2010	3-Nitroaniline	1100	ug/Kg	U
SEE09271025ARM1	9/27/2010	3-Nitroaniline	1100	ug/Kg	U
SEE09231130ARM1	9/23/2010	3-Nitroaniline	1100	ug/Kg	U
SEE09141312RCM1	9/14/2010	3-Nitroaniline	1100	ug/Kg	U
SEE09130955JRP1	9/13/2010	3-Nitroaniline	1100	ug/Kg	U
SEF10221050MAE3	10/22/2010	3-Nitroaniline	1000	ug/Kg	U
SEE08291550KAP1	8/29/2010	3-Nitroaniline	1000	ug/kg	U
SEF10191135NAC3	10/19/2010	3-Nitroaniline	980	ug/Kg	U
SEE10151355ARM1	10/15/2010	3-Nitroaniline	960	ug/Kg	U
SEE10041355ARM1	10/4/2010	3-Nitroaniline	960	ug/Kg	U
SEE08311010JRP1	8/31/2010	3-Nitroaniline	940	ug/Kg	U
SEE09090900JRP1	9/9/2010	3-Nitroaniline	930	ug/Kg	U
SEE08311348MHS1	8/31/2010	3-Nitroaniline	930	ug/Kg	U
SEE10071415ARM1	10/7/2010	3-Nitroaniline	920	ug/Kg	U
SEE10170915JDF1	10/17/2010	3-Nitroaniline	910	ug/Kg	U
SEE09291135JDF1	9/29/2010	3-Nitroaniline	910	ug/Kg	U
SEE10191115JWP1	10/19/2010	3-Nitroaniline	870	ug/Kg	U
SEE10071151RCM1	10/7/2010	3-Nitroaniline	840	ug/Kg	U
SEE08291354KAP1	8/29/2010	3-Nitroaniline	840	ug/kg	U
SEE08300920JRP1	8/30/2010	3-Nitroaniline	810	ug/Kg	U
SEE09051500MHS1	9/5/2010	3-Nitroaniline	750	ug/Kg	U
SEE10141025ARM1	10/14/2010	3-Nitroaniline	730	ug/Kg	U
SEE08291445PML1	8/29/2010	3-Nitroaniline	690	ug/kg	U
SEE10091200ARM1	10/9/2010	3-Nitroaniline	650	ug/Kg	U
SEE09130915JRP1	9/13/2010	3-Nitroaniline	650	ug/Kg	U
SEE09061610JAW1	9/6/2010	3-Nitroaniline	570	ug/Kg	U
SEE08271445JRP1	8/27/2010	3-Nitroaniline	570	ug/kg	U
SEE10051415ARM1	10/5/2010	3-Nitroaniline	560	ug/Kg	U
SEE08271536TWH1	8/27/2010	3-Nitroaniline	560	ug/kg	U
SEE10171535ARM1	10/17/2010	3-Nitroaniline	540	ug/Kg	U
SEB08281400JLS1	8/28/2010	3-Nitroaniline	530	ug/kg	U
SEE08261700JRP1	8/26/2010	3-Nitroaniline	530	ug/Kg	U
SEE09100945RCM1	9/10/2010	3-Nitroaniline	520	ug/Kg	U
SEE08281540JRP1	8/28/2010	3-Nitroaniline	520	ug/kg	U
SEE08301410JRP1	8/30/2010	3-Nitroaniline	510	ug/Kg	U
SEE10011125ARM1	10/1/2010	3-Nitroaniline	500	ug/Kg	U
SEE09211120ARM1	9/21/2010	3-Nitroaniline	490	ug/Kg	U
SEE09201110ARM1	9/20/2010	3-Nitroaniline	490	ug/Kg	U
SEE10081035ARM1	10/8/2010	3-Nitroaniline	470	ug/Kg	U
SEE09171200ARM1	9/17/2010	3-Nitroaniline	470	ug/Kg	U
SEF10011045TDF1	10/1/2010	3-Nitroaniline	460	ug/Kg	U
SEE09290915MAE1	9/29/2010	3-Nitroaniline	460	ug/Kg	U
SEE09200911RCM1	9/20/2010	3-Nitroaniline	460	ug/Kg	U

**TABLE B-2b**  
**Upstream Sediment Samples (Morrow Lake)**

Sample ID	Sample Date	Analyte	Result	Unit	Data Qualifier
SEE09140945JRP1	9/14/2010	3-Nitroaniline	460	ug/Kg	U
SEE09271500ARM1	9/27/2010	3-Nitroaniline	450	ug/Kg	U
SEE09231205RCM1	9/23/2010	3-Nitroaniline	450	ug/Kg	U
SEE09281445RCM1	9/28/2010	3-Nitroaniline	440	ug/Kg	U
SEE09251235ARM1	9/25/2010	3-Nitroaniline	440	ug/Kg	U
SEE09150915JRP1	9/15/2010	3-Nitroaniline	440	ug/Kg	U
SEE09070930JRP1	9/7/2010	3-Nitroaniline	440	ug/Kg	U
SEE08301100JRP1	8/30/2010	3-Nitroaniline	440	ug/Kg	U
SEF10081108TDF3	10/8/2010	3-Nitroaniline	430	ug/Kg	U
SEE10071045ARM1	10/7/2010	3-Nitroaniline	430	ug/Kg	U
SEE10041045ARM1	10/4/2010	3-Nitroaniline	430	ug/Kg	U
SEE10011043RCM1	10/1/2010	3-Nitroaniline	430	ug/Kg	U
SEE09231035ARM1	9/23/2010	3-Nitroaniline	430	ug/Kg	U
SEE09170935RCM1	9/17/2010	3-Nitroaniline	430	ug/Kg	U
SEF10151030PMB3	10/15/2010	3-Nitroaniline	420	ug/Kg	U
SEF10121130PMB3	10/12/2010	3-Nitroaniline	420	ug/Kg	U
SEF10051206TDF3	10/5/2010	3-Nitroaniline	420	ug/Kg	U
SEE09100920JRP1	9/10/2010	3-Nitroaniline	420	ug/Kg	U
SEE09051500JAW1	9/5/2010	3-Nitroaniline	420	ug/Kg	U
SEB09011143JLS1	9/1/2010	3-Nitroaniline	420	ug/Kg	U
SEE10061135ARM1	10/6/2010	3-Nitroaniline	410	ug/Kg	U
SEE10131035ARM1	10/13/2010	3-Nitroaniline	400	ug/Kg	U
SEE10051145RCM1	10/5/2010	3-Nitroaniline	400	ug/Kg	U
SEE09301025MAE1	9/30/2010	3-Nitroaniline	400	ug/Kg	U
SEE09221045ARM1	9/22/2010	3-Nitroaniline	400	ug/Kg	U
SEE09080930JRP1	9/8/2010	3-Nitroaniline	400	ug/Kg	U
SEE09011515JAW1	9/1/2010	3-Nitroaniline	400	ug/Kg	U
SEE10121040ARM1	10/12/2010	3-Nitroaniline	390	ug/Kg	U
SEF09281139TDF1	9/28/2010	3-Nitroaniline	390	ug/Kg	U
SEE10181030JWP1	10/18/2010	3-Nitroaniline	370	ug/Kg	U
ML-06-S-082310	8/23/2010	3-Nitroaniline	0.33	mg/Kg	U
ML-04-S-081710	8/17/2010	3-Nitroaniline	0.32	mg/Kg	U
ML-04-S-082610	8/26/2010	3-Nitroaniline	0.31	mg/Kg	U
ML-03-S-082310	8/23/2010	3-Nitroaniline	0.31	mg/Kg	U
ML-06-S-081710	8/17/2010	3-Nitroaniline	0.31	mg/Kg	U
ML-10-S-082610	8/26/2010	3-Nitroaniline	0.30	mg/Kg	U
ML-10-S-082610	8/26/2010	3-Nitroaniline	0.30	mg/Kg	U
ML-05-S-082310	8/23/2010	3-Nitroaniline	0.28	mg/Kg	U
ML-05-S-081710	8/17/2010	3-Nitroaniline	0.26	mg/Kg	U
ML-02-S-082310	8/23/2010	3-Nitroaniline	0.25	mg/Kg	U
ML-02-S-081710	8/17/2010	3-Nitroaniline	0.24	mg/Kg	U
ML-06-S-082510	8/25/2010	3-Nitroaniline	0.18	mg/Kg	U
ML-07-S-082410	8/24/2010	3-Nitroaniline	0.18	mg/Kg	UJ
ML-07-S-082110	8/21/2010	3-Nitroaniline	0.18	mg/Kg	U
ML-05-S-082610	8/26/2010	3-Nitroaniline	0.17	mg/Kg	U
ML-07-S-082510	8/25/2010	3-Nitroaniline	0.17	mg/Kg	U
ML-08-S-082110	8/21/2010	3-Nitroaniline	0.17	mg/Kg	U
ML-07-S-081610	8/16/2010	3-Nitroaniline	0.17	mg/Kg	U
ML-08-S-081610	8/16/2010	3-Nitroaniline	0.17	mg/Kg	U
ML-08-S-082510	8/25/2010	3-Nitroaniline	0.16	mg/Kg	U
ML-08-S-082410	8/24/2010	3-Nitroaniline	0.16	mg/Kg	UJ
ML-01-S-081610	8/16/2010	3-Nitroaniline	0.16	mg/Kg	U
ML-01-S-082510	8/25/2010	3-Nitroaniline	0.15	mg/Kg	U
ML-09-S-082510	8/25/2010	3-Nitroaniline	0.15	mg/Kg	U
ML-04-S-082410	8/24/2010	3-Nitroaniline	0.15	mg/Kg	UJ
ML-10-S-082410	8/24/2010	3-Nitroaniline	0.15	mg/Kg	UJ
ML-10-S-082410	8/24/2010	3-Nitroaniline	0.15	mg/Kg	UJ
ML-09-S-082110	8/21/2010	3-Nitroaniline	0.15	mg/Kg	U
ML-10-S-082110	8/21/2010	3-Nitroaniline	0.15	mg/Kg	U
ML-10-S-082110	8/21/2010	3-Nitroaniline	0.15	mg/Kg	U

**TABLE B-2b**  
**Upstream Sediment Samples (Morrow Lake)**

Sample ID	Sample Date	Analyte	Result	Unit	Data Qualifier
ML-10-S-081610	8/16/2010	3-Nitroaniline	0.15	mg/Kg	U
ML-10-S-081610	8/16/2010	3-Nitroaniline	0.15	mg/Kg	U
ML-02-S-082510	8/25/2010	3-Nitroaniline	0.14	mg/Kg	U
ML-09-S-082410	8/24/2010	3-Nitroaniline	0.14	mg/Kg	UJ
ML-01-S-082110	8/21/2010	3-Nitroaniline	0.14	mg/Kg	U
ML-03-S-082510	8/25/2010	3-Nitroaniline	0.13	mg/Kg	U
ML-03-S-081610	8/16/2010	3-Nitroaniline	0.12	mg/Kg	U
SEE08271145RCM1	8/27/2010	4,6-Dinitro-2-methylphenol	8300	ug/kg	U
SEE08261620RCM1	8/26/2010	4,6-Dinitro-2-methylphenol	7400	ug/kg	U
SEE08261420RCM1	8/26/2010	4,6-Dinitro-2-methylphenol	6200	ug/kg	U
SEE09011635PML1	9/1/2010	4,6-Dinitro-2-methylphenol	6000	ug/Kg	U
SEE09051430PML1	9/5/2010	4,6-Dinitro-2-methylphenol	5900	ug/Kg	U
SEE08281607TWH1	8/28/2010	4,6-Dinitro-2-methylphenol	4300	ug/kg	U
SEE08281630RCM1	8/28/2010	4,6-Dinitro-2-methylphenol	4300	ug/kg	U
SEE08281505PML1	8/28/2010	4,6-Dinitro-2-methylphenol	3700	ug/kg	U
SEE08271215PML1	8/27/2010	4,6-Dinitro-2-methylphenol	3700	ug/kg	U
SEE08271614TWH1	8/27/2010	4,6-Dinitro-2-methylphenol	3600	ug/kg	U
SEE08271500PML1	8/27/2010	4,6-Dinitro-2-methylphenol	3400	ug/kg	U
SEE08291110PML1	8/29/2010	4,6-Dinitro-2-methylphenol	3000	ug/kg	U
SEE08281420TWH1	8/28/2010	4,6-Dinitro-2-methylphenol	3000	ug/kg	U
SEE08281215PML1	8/28/2010	4,6-Dinitro-2-methylphenol	2900	ug/kg	U
SEE08281510TWH1	8/28/2010	4,6-Dinitro-2-methylphenol	2800	ug/kg	U
SEE08291421KAP1	8/29/2010	4,6-Dinitro-2-methylphenol	2600	ug/kg	U
SEE08271652TWH1	8/27/2010	4,6-Dinitro-2-methylphenol	2600	ug/kg	U
SEE08291550KAP1	8/29/2010	4,6-Dinitro-2-methylphenol	2100	ug/kg	U
SEE10211035JDF1	10/21/2010	4,6-Dinitro-2-methylphenol	2000	ug/Kg	UJ
SEE10211430JDF1	10/21/2010	4,6-Dinitro-2-methylphenol	1800	ug/Kg	U
SEE10191005JDF1	10/19/2010	4,6-Dinitro-2-methylphenol	1800	ug/Kg	U
SEE10051125PML1	10/5/2010	4,6-Dinitro-2-methylphenol	1800	ug/Kg	U
SEE09301105JDF1	9/30/2010	4,6-Dinitro-2-methylphenol	1800	ug/Kg	U
SEE09061500PML1	9/6/2010	4,6-Dinitro-2-methylphenol	1800	ug/Kg	U
SEE09021400PML1	9/2/2010	4,6-Dinitro-2-methylphenol	1800	ug/Kg	U
SEE08301130PML1	8/30/2010	4,6-Dinitro-2-methylphenol	1800	ug/Kg	U
SEE10221110JDF1	10/22/2010	4,6-Dinitro-2-methylphenol	1700	ug/Kg	U
SEE10221110JDF1	10/22/2010	4,6-Dinitro-2-methylphenol	1700	ug/Kg	U
SEE10191515JDF1	10/19/2010	4,6-Dinitro-2-methylphenol	1700	ug/Kg	U
SEE10171410JDF1	10/17/2010	4,6-Dinitro-2-methylphenol	1700	ug/Kg	U
SEE10131150JDF1	10/13/2010	4,6-Dinitro-2-methylphenol	1700	ug/Kg	U
SEE10081115PML1	10/8/2010	4,6-Dinitro-2-methylphenol	1700	ug/Kg	U
SEE09301255JDF1	9/30/2010	4,6-Dinitro-2-methylphenol	1700	ug/Kg	U
SEE09231645JDF1	9/23/2010	4,6-Dinitro-2-methylphenol	1700	ug/Kg	U
SEE09181235PML1	9/18/2010	4,6-Dinitro-2-methylphenol	1700	ug/Kg	U
SEE09141135PML1	9/14/2010	4,6-Dinitro-2-methylphenol	1700	ug/Kg	U
SEE09121105RCM1	9/12/2010	4,6-Dinitro-2-methylphenol	1700	ug/Kg	U
SEE09101022PML1	9/10/2010	4,6-Dinitro-2-methylphenol	1700	ug/Kg	U
SEE09101215PML1	9/10/2010	4,6-Dinitro-2-methylphenol	1700	ug/Kg	U
SEE09091410RCM1	9/9/2010	4,6-Dinitro-2-methylphenol	1700	ug/Kg	U
SEE09081020RCM1	9/8/2010	4,6-Dinitro-2-methylphenol	1700	ug/Kg	U
SEE09031645MHS1	9/3/2010	4,6-Dinitro-2-methylphenol	1700	ug/Kg	U
SEE09011545MHS1	9/1/2010	4,6-Dinitro-2-methylphenol	1700	ug/Kg	U
SEE09011545PML1	9/1/2010	4,6-Dinitro-2-methylphenol	1700	ug/Kg	U
SEE08311420PML1	8/31/2010	4,6-Dinitro-2-methylphenol	1700	ug/Kg	U
SEE08311420PML1	8/31/2010	4,6-Dinitro-2-methylphenol	1700	ug/Kg	U
SEE08291354KAP1	8/29/2010	4,6-Dinitro-2-methylphenol	1700	ug/kg	U
SEE10211010JWP1	10/21/2010	4,6-Dinitro-2-methylphenol	1600	ug/Kg	U
SEE10191155JDF1	10/19/2010	4,6-Dinitro-2-methylphenol	1600	ug/Kg	U
SEE10191415JDF1	10/19/2010	4,6-Dinitro-2-methylphenol	1600	ug/Kg	U
SEE10181035JDF1	10/18/2010	4,6-Dinitro-2-methylphenol	1600	ug/Kg	U
SEE10091401PML1	10/9/2010	4,6-Dinitro-2-methylphenol	1600	ug/Kg	U
SEE10091614PML1	10/9/2010	4,6-Dinitro-2-methylphenol	1600	ug/Kg	U



**TABLE B-2b**  
**Upstream Sediment Samples (Morrow Lake)**

Sample ID	Sample Date	Analyte	Result	Unit	Data Qualifier
SEE10051653PML1	10/5/2010	4,6-Dinitro-2-methylphenol	1600	ug/Kg	U
SEE10041530JDF1	10/4/2010	4,6-Dinitro-2-methylphenol	1600	ug/Kg	U
SEE09291023RCM1	9/29/2010	4,6-Dinitro-2-methylphenol	1600	ug/Kg	U
SEE09231210JDF1	9/23/2010	4,6-Dinitro-2-methylphenol	1600	ug/Kg	U
SEE09141515PML1	9/14/2010	4,6-Dinitro-2-methylphenol	1600	ug/Kg	U
SEE09131026RCM1	9/13/2010	4,6-Dinitro-2-methylphenol	1600	ug/Kg	U
SEE09121436RCM1	9/12/2010	4,6-Dinitro-2-methylphenol	1600	ug/Kg	U
SEE09101625PML1	9/10/2010	4,6-Dinitro-2-methylphenol	1600	ug/Kg	U
SEE09061525MHS1	9/6/2010	4,6-Dinitro-2-methylphenol	1600	ug/Kg	U
SEE09051130PML1	9/5/2010	4,6-Dinitro-2-methylphenol	1600	ug/Kg	U
SEE09051550MHS1	9/5/2010	4,6-Dinitro-2-methylphenol	1600	ug/Kg	U
SEE09030925PML1	9/3/2010	4,6-Dinitro-2-methylphenol	1600	ug/Kg	U
SEE09031100PML1	9/3/2010	4,6-Dinitro-2-methylphenol	1600	ug/Kg	U
SEE09021010PML1	9/2/2010	4,6-Dinitro-2-methylphenol	1600	ug/Kg	U
SEE08301550PML1	8/30/2010	4,6-Dinitro-2-methylphenol	1600	ug/Kg	U
SEE08301638MHS1	8/30/2010	4,6-Dinitro-2-methylphenol	1600	ug/Kg	U
SEE10221055DWS1	10/22/2010	4,6-Dinitro-2-methylphenol	1500	ug/Kg	U
SEE10191100JDF1	10/19/2010	4,6-Dinitro-2-methylphenol	1500	ug/Kg	U
SEE10181510JDF1	10/18/2010	4,6-Dinitro-2-methylphenol	1500	ug/Kg	U
SEE10181510JDF1	10/18/2010	4,6-Dinitro-2-methylphenol	1500	ug/Kg	U
SEE10171115JDF1	10/17/2010	4,6-Dinitro-2-methylphenol	1500	ug/Kg	U
SEE10141015JDF1	10/14/2010	4,6-Dinitro-2-methylphenol	1500	ug/Kg	U
SEE10141150JDF1	10/14/2010	4,6-Dinitro-2-methylphenol	1500	ug/Kg	U
SEE10141555ARM1	10/14/2010	4,6-Dinitro-2-methylphenol	1500	ug/Kg	U
SEE10121155JDF1	10/12/2010	4,6-Dinitro-2-methylphenol	1500	ug/Kg	U
SEE10101010PML1	10/10/2010	4,6-Dinitro-2-methylphenol	1500	ug/Kg	U
SEE10101215PML1	10/10/2010	4,6-Dinitro-2-methylphenol	1500	ug/Kg	U
SEE10101215PML1	10/10/2010	4,6-Dinitro-2-methylphenol	1500	ug/Kg	U
SEE10081051RCM1	10/8/2010	4,6-Dinitro-2-methylphenol	1500	ug/Kg	U
SEE10061051RCM1	10/6/2010	4,6-Dinitro-2-methylphenol	1500	ug/Kg	U
SEE10061205PML1	10/6/2010	4,6-Dinitro-2-methylphenol	1500	ug/Kg	U
SEE10041138RCM1	10/4/2010	4,6-Dinitro-2-methylphenol	1500	ug/Kg	U
SEE10031115JDF1	10/3/2010	4,6-Dinitro-2-methylphenol	1500	ug/Kg	U
SEE10031115JDF1	10/3/2010	4,6-Dinitro-2-methylphenol	1500	ug/Kg	U
SEE09260930RCM1	9/26/2010	4,6-Dinitro-2-methylphenol	1500	ug/Kg	U
SEE09261625JDF1	9/26/2010	4,6-Dinitro-2-methylphenol	1500	ug/Kg	U
SEE09261625JDF1	9/26/2010	4,6-Dinitro-2-methylphenol	1500	ug/Kg	U
SEE09251135JDF1	9/25/2010	4,6-Dinitro-2-methylphenol	1500	ug/Kg	U
SEE09220935RCM1	9/22/2010	4,6-Dinitro-2-methylphenol	1500	ug/Kg	U
SEE09200945PML1	9/20/2010	4,6-Dinitro-2-methylphenol	1500	ug/Kg	U
SEE09200945PML1	9/20/2010	4,6-Dinitro-2-methylphenol	1500	ug/Kg	U
SEE09191040PML1	9/19/2010	4,6-Dinitro-2-methylphenol	1500	ug/Kg	U
SEE09191445RCM1	9/19/2010	4,6-Dinitro-2-methylphenol	1500	ug/Kg	U
SEE09191530PML1	9/19/2010	4,6-Dinitro-2-methylphenol	1500	ug/Kg	U
SEE09181705PML1	9/18/2010	4,6-Dinitro-2-methylphenol	1500	ug/Kg	U
SEE09170839RCM1	9/17/2010	4,6-Dinitro-2-methylphenol	1500	ug/Kg	U
SEE09171415PML1	9/17/2010	4,6-Dinitro-2-methylphenol	1500	ug/Kg	U
SEE09161045PML1	9/16/2010	4,6-Dinitro-2-methylphenol	1500	ug/Kg	U
SEE09151145PML1	9/15/2010	4,6-Dinitro-2-methylphenol	1500	ug/Kg	U
SEE09151145PML1	9/15/2010	4,6-Dinitro-2-methylphenol	1500	ug/Kg	U
SEE09140945PML1	9/14/2010	4,6-Dinitro-2-methylphenol	1500	ug/Kg	U
SEE09131445RCM1	9/13/2010	4,6-Dinitro-2-methylphenol	1500	ug/Kg	U
SEE09131505PML1	9/13/2010	4,6-Dinitro-2-methylphenol	1500	ug/Kg	U
SEE09121055PML1	9/12/2010	4,6-Dinitro-2-methylphenol	1500	ug/Kg	U
SEE09121055PML1	9/12/2010	4,6-Dinitro-2-methylphenol	1500	ug/Kg	U
SEE09091005RCM1	9/9/2010	4,6-Dinitro-2-methylphenol	1500	ug/Kg	U
SEE09091515PML1	9/9/2010	4,6-Dinitro-2-methylphenol	1500	ug/Kg	U
SEE09081010PML1	9/8/2010	4,6-Dinitro-2-methylphenol	1500	ug/Kg	U
SEE09081205PML1	9/8/2010	4,6-Dinitro-2-methylphenol	1500	ug/Kg	U
SEE09071050PML1	9/7/2010	4,6-Dinitro-2-methylphenol	1500	ug/Kg	U

**TABLE B-2b**  
**Upstream Sediment Samples (Morrow Lake)**

Sample ID	Sample Date	Analyte	Result	Unit	Data Qualifier
SEE09061105PML1	9/6/2010	4,6-Dinitro-2-methylphenol	1500	ug/Kg	U
SEE09031140MHS1	9/3/2010	4,6-Dinitro-2-methylphenol	1500	ug/Kg	U
SEE09031650PML1	9/3/2010	4,6-Dinitro-2-methylphenol	1500	ug/Kg	U
SEE09031650PML1	9/3/2010	4,6-Dinitro-2-methylphenol	1500	ug/Kg	U
SEE08311045PML1	8/31/2010	4,6-Dinitro-2-methylphenol	1500	ug/Kg	U
SEE08301145MHS1	8/30/2010	4,6-Dinitro-2-methylphenol	1500	ug/Kg	U
SEE10191010JWP1	10/19/2010	4,6-Dinitro-2-methylphenol	1400	ug/Kg	U
SEE10181210JDF1	10/18/2010	4,6-Dinitro-2-methylphenol	1400	ug/Kg	U
SEE10181430JWP1	10/18/2010	4,6-Dinitro-2-methylphenol	1400	ug/Kg	U
SEE10161115ARM1	10/16/2010	4,6-Dinitro-2-methylphenol	1400	ug/Kg	U
SEE10161530JDF1	10/16/2010	4,6-Dinitro-2-methylphenol	1400	ug/Kg	U
SEE10150945JDF1	10/15/2010	4,6-Dinitro-2-methylphenol	1400	ug/Kg	U
SEE10141550JDF1	10/14/2010	4,6-Dinitro-2-methylphenol	1400	ug/Kg	U
SEE10141550JDF1	10/14/2010	4,6-Dinitro-2-methylphenol	1400	ug/Kg	U
SEE10120930JDF1	10/12/2010	4,6-Dinitro-2-methylphenol	1400	ug/Kg	U
SEE10081231PML1	10/8/2010	4,6-Dinitro-2-methylphenol	1400	ug/Kg	U
SEE10071042RCM1	10/7/2010	4,6-Dinitro-2-methylphenol	1400	ug/Kg	U
SEE10071101PML1	10/7/2010	4,6-Dinitro-2-methylphenol	1400	ug/Kg	U
SEE10061640PML1	10/6/2010	4,6-Dinitro-2-methylphenol	1400	ug/Kg	U
SEE10061640PML1	10/6/2010	4,6-Dinitro-2-methylphenol	1400	ug/Kg	U
SEE10041150JDF1	10/4/2010	4,6-Dinitro-2-methylphenol	1400	ug/Kg	U
SEE10011120JDF1	10/1/2010	4,6-Dinitro-2-methylphenol	1400	ug/Kg	U
SEE09301205RCM1	9/30/2010	4,6-Dinitro-2-methylphenol	1400	ug/Kg	U
SEE09271130JDF1	9/27/2010	4,6-Dinitro-2-methylphenol	1400	ug/Kg	U
SEE09261215JDF1	9/26/2010	4,6-Dinitro-2-methylphenol	1400	ug/Kg	U
SEE09230955RCM1	9/23/2010	4,6-Dinitro-2-methylphenol	1400	ug/Kg	U
SEE09221440JDF1	9/22/2010	4,6-Dinitro-2-methylphenol	1400	ug/Kg	U
SEE09211155JDF1	9/21/2010	4,6-Dinitro-2-methylphenol	1400	ug/Kg	U
SEE09201115RCM1	9/20/2010	4,6-Dinitro-2-methylphenol	1400	ug/Kg	U
SEE09171445RCM1	9/17/2010	4,6-Dinitro-2-methylphenol	1400	ug/Kg	U
SEE09161035RCM1	9/16/2010	4,6-Dinitro-2-methylphenol	1400	ug/Kg	U
SEE09151015PML1	9/15/2010	4,6-Dinitro-2-methylphenol	1400	ug/Kg	UJ
SEE09131620PML1	9/13/2010	4,6-Dinitro-2-methylphenol	1400	ug/Kg	U
SEE09121450PML1	9/12/2010	4,6-Dinitro-2-methylphenol	1400	ug/Kg	U
SEE09111015PML1	9/11/2010	4,6-Dinitro-2-methylphenol	1400	ug/Kg	U
SEE09040950PML1	9/4/2010	4,6-Dinitro-2-methylphenol	1400	ug/Kg	U
SEE09011050PML1	9/1/2010	4,6-Dinitro-2-methylphenol	1400	ug/Kg	U
SEE08301520JRP1	8/30/2010	4,6-Dinitro-2-methylphenol	1400	ug/Kg	U
SEE08291445PML1	8/29/2010	4,6-Dinitro-2-methylphenol	1400	ug/kg	U
SEE10111125JDF1	10/11/2010	4,6-Dinitro-2-methylphenol	1300	ug/Kg	U
SEE10031425JDF1	10/3/2010	4,6-Dinitro-2-methylphenol	1300	ug/Kg	U
SEE09291035JDF1	9/29/2010	4,6-Dinitro-2-methylphenol	1300	ug/Kg	U
SEE09250905RCM1	9/25/2010	4,6-Dinitro-2-methylphenol	1300	ug/Kg	U
SEE09211530JDF1	9/21/2010	4,6-Dinitro-2-methylphenol	1300	ug/Kg	U
SEE09170945PML1	9/17/2010	4,6-Dinitro-2-methylphenol	1300	ug/Kg	U
SEE09171125PML1	9/17/2010	4,6-Dinitro-2-methylphenol	1300	ug/Kg	U
SEE09130940PML1	9/13/2010	4,6-Dinitro-2-methylphenol	1300	ug/Kg	U
SEE09131125PML1	9/13/2010	4,6-Dinitro-2-methylphenol	1300	ug/Kg	U
SEE09091145PML1	9/9/2010	4,6-Dinitro-2-methylphenol	1300	ug/Kg	U
SEE09091410PML1	9/9/2010	4,6-Dinitro-2-methylphenol	1300	ug/Kg	U
SEE09091605PML1	9/9/2010	4,6-Dinitro-2-methylphenol	1300	ug/Kg	U
SEE09061130MHS1	9/6/2010	4,6-Dinitro-2-methylphenol	1300	ug/Kg	U
SEE09051015PML1	9/5/2010	4,6-Dinitro-2-methylphenol	1300	ug/Kg	U
SEE09041350PML1	9/4/2010	4,6-Dinitro-2-methylphenol	1300	ug/Kg	U
SEE09011255PML1	9/1/2010	4,6-Dinitro-2-methylphenol	1300	ug/Kg	U
SEE08301445JRP1	8/30/2010	4,6-Dinitro-2-methylphenol	1300	ug/Kg	U
SEE08261445JRP1	8/26/2010	4,6-Dinitro-2-methylphenol	1300	ug/Kg	U
SEE10161055JDF1	10/16/2010	4,6-Dinitro-2-methylphenol	1200	ug/Kg	U
SEE10161415JDF1	10/16/2010	4,6-Dinitro-2-methylphenol	1200	ug/Kg	U
SEE10151055ARM1	10/15/2010	4,6-Dinitro-2-methylphenol	1200	ug/Kg	U

**TABLE B-2b**  
**Upstream Sediment Samples (Morrow Lake)**

Sample ID	Sample Date	Analyte	Result	Unit	Data Qualifier
SEE10121415ARM1	10/12/2010	4,6-Dinitro-2-methylphenol	1200	ug/Kg	U
SEE10111011JDF1	10/11/2010	4,6-Dinitro-2-methylphenol	1200	ug/Kg	U
SEE10111350JDF1	10/11/2010	4,6-Dinitro-2-methylphenol	1200	ug/Kg	U
SEE10071205PML1	10/7/2010	4,6-Dinitro-2-methylphenol	1200	ug/Kg	U
SEE10071540PML1	10/7/2010	4,6-Dinitro-2-methylphenol	1200	ug/Kg	U
SEE09301255MAE1	9/30/2010	4,6-Dinitro-2-methylphenol	1200	ug/Kg	U
SEE09290925JDF1	9/29/2010	4,6-Dinitro-2-methylphenol	1200	ug/Kg	U
SEE09271515JDF1	9/27/2010	4,6-Dinitro-2-methylphenol	1200	ug/Kg	U
SEE09221105JDF1	9/22/2010	4,6-Dinitro-2-methylphenol	1200	ug/Kg	U
SEE09221615JDF1	9/22/2010	4,6-Dinitro-2-methylphenol	1200	ug/Kg	U
SEE09211112RCM1	9/21/2010	4,6-Dinitro-2-methylphenol	1200	ug/Kg	U
SEE09201645ARM1	9/20/2010	4,6-Dinitro-2-methylphenol	1200	ug/Kg	U
SEE09171530PML1	9/17/2010	4,6-Dinitro-2-methylphenol	1200	ug/Kg	U
SEE09091010PML1	9/9/2010	4,6-Dinitro-2-methylphenol	1200	ug/Kg	U
SEE09091025JRP1	9/9/2010	4,6-Dinitro-2-methylphenol	1200	ug/Kg	U
SEE09031115JAW1	9/3/2010	4,6-Dinitro-2-methylphenol	1200	ug/Kg	U
SEE09011145PML1	9/1/2010	4,6-Dinitro-2-methylphenol	1200	ug/Kg	U
SEE08301015JRP1	8/30/2010	4,6-Dinitro-2-methylphenol	1200	ug/Kg	U
SEE08301530JAW1	8/30/2010	4,6-Dinitro-2-methylphenol	1200	ug/Kg	U
SEE08271445JRP1	8/27/2010	4,6-Dinitro-2-methylphenol	1200	ug/Kg	U
SEE10121030JDF1	10/12/2010	4,6-Dinitro-2-methylphenol	1100	ug/Kg	U
SEE10040945JDF1	10/4/2010	4,6-Dinitro-2-methylphenol	1100	ug/Kg	U
SEE10041050JDF1	10/4/2010	4,6-Dinitro-2-methylphenol	1100	ug/Kg	U
SEE10041335JDF1	10/4/2010	4,6-Dinitro-2-methylphenol	1100	ug/Kg	U
SEE09291645JDF1	9/29/2010	4,6-Dinitro-2-methylphenol	1100	ug/Kg	U
SEE09271025ARM1	9/27/2010	4,6-Dinitro-2-methylphenol	1100	ug/Kg	U
SEE09231130ARM1	9/23/2010	4,6-Dinitro-2-methylphenol	1100	ug/Kg	U
SEE09141312RCM1	9/14/2010	4,6-Dinitro-2-methylphenol	1100	ug/Kg	U
SEE09130955JRP1	9/13/2010	4,6-Dinitro-2-methylphenol	1100	ug/Kg	U
SEB08281400JLS1	8/28/2010	4,6-Dinitro-2-methylphenol	1100	ug/kg	U
SEE08281540JRP1	8/28/2010	4,6-Dinitro-2-methylphenol	1100	ug/kg	U
SEE08271536TWH1	8/27/2010	4,6-Dinitro-2-methylphenol	1100	ug/kg	U
SEE10151355ARM1	10/15/2010	4,6-Dinitro-2-methylphenol	960	ug/Kg	U
SEE10041355ARM1	10/4/2010	4,6-Dinitro-2-methylphenol	960	ug/Kg	U
SEE08311010JRP1	8/31/2010	4,6-Dinitro-2-methylphenol	940	ug/Kg	U
SEE09090900JRP1	9/9/2010	4,6-Dinitro-2-methylphenol	930	ug/Kg	U
SEE08311348MHS1	8/31/2010	4,6-Dinitro-2-methylphenol	930	ug/Kg	U
SEE10071415ARM1	10/7/2010	4,6-Dinitro-2-methylphenol	920	ug/Kg	U
SEE10170915JDF1	10/17/2010	4,6-Dinitro-2-methylphenol	910	ug/Kg	U
SEE09291135JDF1	9/29/2010	4,6-Dinitro-2-methylphenol	910	ug/Kg	U
SEE10071151RCM1	10/7/2010	4,6-Dinitro-2-methylphenol	840	ug/Kg	U
SEE08300920JRP1	8/30/2010	4,6-Dinitro-2-methylphenol	810	ug/Kg	U
SEE10221450DWS1	10/22/2010	4,6-Dinitro-2-methylphenol	800	ug/Kg	U
SEE09051500MHS1	9/5/2010	4,6-Dinitro-2-methylphenol	750	ug/Kg	U
SEE10141025ARM1	10/14/2010	4,6-Dinitro-2-methylphenol	730	ug/Kg	U
SEE10211345JWP1	10/21/2010	4,6-Dinitro-2-methylphenol	680	ug/Kg	U
SEE10091200ARM1	10/9/2010	4,6-Dinitro-2-methylphenol	650	ug/Kg	U
SEE09130915JRP1	9/13/2010	4,6-Dinitro-2-methylphenol	650	ug/Kg	U
SEE09061610JAW1	9/6/2010	4,6-Dinitro-2-methylphenol	570	ug/Kg	U
SEE10051415ARM1	10/5/2010	4,6-Dinitro-2-methylphenol	560	ug/Kg	U
SEE10171535ARM1	10/17/2010	4,6-Dinitro-2-methylphenol	540	ug/Kg	U
SEE08261700JRP1	8/26/2010	4,6-Dinitro-2-methylphenol	530	ug/Kg	U
SEE09100945RCM1	9/10/2010	4,6-Dinitro-2-methylphenol	520	ug/Kg	U
SEE08301410JRP1	8/30/2010	4,6-Dinitro-2-methylphenol	510	ug/Kg	U
SEF10221050MAE3	10/22/2010	4,6-Dinitro-2-methylphenol	500	ug/Kg	U
SEE10011125ARM1	10/1/2010	4,6-Dinitro-2-methylphenol	500	ug/Kg	U
SEF10191135NAC3	10/19/2010	4,6-Dinitro-2-methylphenol	490	ug/Kg	U
SEE09211120ARM1	9/21/2010	4,6-Dinitro-2-methylphenol	490	ug/Kg	U
SEE09201110ARM1	9/20/2010	4,6-Dinitro-2-methylphenol	490	ug/Kg	U
SEE10081035ARM1	10/8/2010	4,6-Dinitro-2-methylphenol	470	ug/Kg	U

**TABLE B-2b**  
**Upstream Sediment Samples (Morrow Lake)**

Sample ID	Sample Date	Analyte	Result	Unit	Data Qualifier
SEE09171200ARM1	9/17/2010	4,6-Dinitro-2-methylphenol	470	ug/Kg	U
SEF10011045TDF1	10/1/2010	4,6-Dinitro-2-methylphenol	460	ug/Kg	U
SEE09290915MAE1	9/29/2010	4,6-Dinitro-2-methylphenol	460	ug/Kg	U
SEE09200911RCM1	9/20/2010	4,6-Dinitro-2-methylphenol	460	ug/Kg	U
SEE09140945JRP1	9/14/2010	4,6-Dinitro-2-methylphenol	460	ug/Kg	U
SEE09271500ARM1	9/27/2010	4,6-Dinitro-2-methylphenol	450	ug/Kg	U
SEE09231205RCM1	9/23/2010	4,6-Dinitro-2-methylphenol	450	ug/Kg	U
SEE09281445RCM1	9/28/2010	4,6-Dinitro-2-methylphenol	440	ug/Kg	U
SEE09251235ARM1	9/25/2010	4,6-Dinitro-2-methylphenol	440	ug/Kg	U
SEE09150915JRP1	9/15/2010	4,6-Dinitro-2-methylphenol	440	ug/Kg	U
SEE09070930JRP1	9/7/2010	4,6-Dinitro-2-methylphenol	440	ug/Kg	U
SEE08301100JRP1	8/30/2010	4,6-Dinitro-2-methylphenol	440	ug/Kg	U
SEE10191115JWP1	10/19/2010	4,6-Dinitro-2-methylphenol	430	ug/Kg	U
SEF10081108TDF3	10/8/2010	4,6-Dinitro-2-methylphenol	430	ug/Kg	U
SEE10071045ARM1	10/7/2010	4,6-Dinitro-2-methylphenol	430	ug/Kg	U
SEE10041045ARM1	10/4/2010	4,6-Dinitro-2-methylphenol	430	ug/Kg	U
SEE10011043RCM1	10/1/2010	4,6-Dinitro-2-methylphenol	430	ug/Kg	U
SEE09231035ARM1	9/23/2010	4,6-Dinitro-2-methylphenol	430	ug/Kg	U
SEE09170935RCM1	9/17/2010	4,6-Dinitro-2-methylphenol	430	ug/Kg	U
SEF10151030PMB3	10/15/2010	4,6-Dinitro-2-methylphenol	420	ug/Kg	U
SEF10121130PMB3	10/12/2010	4,6-Dinitro-2-methylphenol	420	ug/Kg	U
SEF10051206TDF3	10/5/2010	4,6-Dinitro-2-methylphenol	420	ug/Kg	U
SEE09100920JRP1	9/10/2010	4,6-Dinitro-2-methylphenol	420	ug/Kg	U
SEE09051500JAW1	9/5/2010	4,6-Dinitro-2-methylphenol	420	ug/Kg	U
SEB09011143JLS1	9/1/2010	4,6-Dinitro-2-methylphenol	420	ug/Kg	U
SEE10061135ARM1	10/6/2010	4,6-Dinitro-2-methylphenol	410	ug/Kg	U
SEE10131035ARM1	10/13/2010	4,6-Dinitro-2-methylphenol	400	ug/Kg	U
SEE10051145RCM1	10/5/2010	4,6-Dinitro-2-methylphenol	400	ug/Kg	U
SEE09301025MAE1	9/30/2010	4,6-Dinitro-2-methylphenol	400	ug/Kg	U
SEE09221045ARM1	9/22/2010	4,6-Dinitro-2-methylphenol	400	ug/Kg	U
SEE09080930JRP1	9/8/2010	4,6-Dinitro-2-methylphenol	400	ug/Kg	U
SEE09011515JAW1	9/1/2010	4,6-Dinitro-2-methylphenol	400	ug/Kg	U
SEE10121040ARM1	10/12/2010	4,6-Dinitro-2-methylphenol	390	ug/Kg	U
SEF09281139TDF1	9/28/2010	4,6-Dinitro-2-methylphenol	390	ug/Kg	U
SEE10181030JWP1	10/18/2010	4,6-Dinitro-2-methylphenol	370	ug/Kg	U
SEE09051430PML1	9/5/2010	4-Bromophenyl phenyl ether	3000	ug/Kg	U
SEE09011635PML1	9/1/2010	4-Bromophenyl phenyl ether	3000	ug/Kg	U
SEE08271145RCM1	8/27/2010	4-Bromophenyl phenyl ether	1600	ug/kg	U
SEE08261620RCM1	8/26/2010	4-Bromophenyl phenyl ether	1400	ug/kg	U
SEE08261420RCM1	8/26/2010	4-Bromophenyl phenyl ether	1200	ug/kg	U
SEE10211035JDF1	10/21/2010	4-Bromophenyl phenyl ether	960	ug/Kg	UJ
SEE10051125PML1	10/5/2010	4-Bromophenyl phenyl ether	930	ug/Kg	U
SEE09061500PML1	9/6/2010	4-Bromophenyl phenyl ether	920	ug/Kg	U
SEE09021400PML1	9/2/2010	4-Bromophenyl phenyl ether	920	ug/Kg	U
SEE09301105JDF1	9/30/2010	4-Bromophenyl phenyl ether	910	ug/Kg	U
SEE08301130PML1	8/30/2010	4-Bromophenyl phenyl ether	910	ug/Kg	U
SEE10191005JDF1	10/19/2010	4-Bromophenyl phenyl ether	880	ug/Kg	U
SEE10171410JDF1	10/17/2010	4-Bromophenyl phenyl ether	880	ug/Kg	U
SEE09181235PML1	9/18/2010	4-Bromophenyl phenyl ether	880	ug/Kg	U
SEE09101022PML1	9/10/2010	4-Bromophenyl phenyl ether	880	ug/Kg	UJ
SEE09011545PML1	9/1/2010	4-Bromophenyl phenyl ether	870	ug/Kg	U
SEE10211430JDF1	10/21/2010	4-Bromophenyl phenyl ether	860	ug/Kg	U
SEE09231645JDF1	9/23/2010	4-Bromophenyl phenyl ether	860	ug/Kg	U
SEE09141135PML1	9/14/2010	4-Bromophenyl phenyl ether	860	ug/Kg	U
SEE09091410RCM1	9/9/2010	4-Bromophenyl phenyl ether	860	ug/Kg	U
SEE10081115PML1	10/8/2010	4-Bromophenyl phenyl ether	850	ug/Kg	U
SEE09121105RCM1	9/12/2010	4-Bromophenyl phenyl ether	850	ug/Kg	UJ
SEE09101215PML1	9/10/2010	4-Bromophenyl phenyl ether	850	ug/Kg	UJ
SEE09081020RCM1	9/8/2010	4-Bromophenyl phenyl ether	850	ug/Kg	U
SEE09031645MHS1	9/3/2010	4-Bromophenyl phenyl ether	850	ug/Kg	U

**TABLE B-2b**  
**Upstream Sediment Samples (Morrow Lake)**

Sample ID	Sample Date	Analyte	Result	Unit	Data Qualifier
SEE09011545MHS1	9/1/2010	4-Bromophenyl phenyl ether	850	ug/Kg	U
SEE08311420PML1	8/31/2010	4-Bromophenyl phenyl ether	850	ug/Kg	U
SEE08311420PML1	8/31/2010	4-Bromophenyl phenyl ether	850	ug/Kg	U
SEE10131150JDF1	10/13/2010	4-Bromophenyl phenyl ether	840	ug/Kg	U
SEE09301255JDF1	9/30/2010	4-Bromophenyl phenyl ether	840	ug/Kg	U
SEE10221110JDF1	10/22/2010	4-Bromophenyl phenyl ether	830	ug/Kg	U
SEE10221110JDF1	10/22/2010	4-Bromophenyl phenyl ether	830	ug/Kg	U
SEE09030925PML1	9/3/2010	4-Bromophenyl phenyl ether	830	ug/Kg	U
SEE08281607TWH1	8/28/2010	4-Bromophenyl phenyl ether	830	ug/kg	U
SEE08281630RCM1	8/28/2010	4-Bromophenyl phenyl ether	830	ug/kg	U
SEE10191515JDF1	10/19/2010	4-Bromophenyl phenyl ether	820	ug/Kg	U
SEE10091401PML1	10/9/2010	4-Bromophenyl phenyl ether	820	ug/Kg	UU
SEE09051550MHS1	9/5/2010	4-Bromophenyl phenyl ether	820	ug/Kg	U
SEE09291023RCM1	9/29/2010	4-Bromophenyl phenyl ether	810	ug/Kg	U
SEE09121436RCM1	9/12/2010	4-Bromophenyl phenyl ether	810	ug/Kg	UU
SEE09021010PML1	9/2/2010	4-Bromophenyl phenyl ether	810	ug/Kg	U
SEE10041530JDF1	10/4/2010	4-Bromophenyl phenyl ether	800	ug/Kg	U
SEE09101625PML1	9/10/2010	4-Bromophenyl phenyl ether	800	ug/Kg	UU
SEE09061525MHS1	9/6/2010	4-Bromophenyl phenyl ether	800	ug/Kg	U
SEE09031100PML1	9/3/2010	4-Bromophenyl phenyl ether	800	ug/Kg	U
SEE08301638MHS1	8/30/2010	4-Bromophenyl phenyl ether	800	ug/Kg	U
SEE10191415JDF1	10/19/2010	4-Bromophenyl phenyl ether	790	ug/Kg	U
SEE10181035JDF1	10/18/2010	4-Bromophenyl phenyl ether	790	ug/Kg	U
SEE10091614PML1	10/9/2010	4-Bromophenyl phenyl ether	790	ug/Kg	UU
SEE10051653PML1	10/5/2010	4-Bromophenyl phenyl ether	790	ug/Kg	U
SEE09231210JDF1	9/23/2010	4-Bromophenyl phenyl ether	790	ug/Kg	U
SEE09141515PML1	9/14/2010	4-Bromophenyl phenyl ether	790	ug/Kg	U
SEE09131026RCM1	9/13/2010	4-Bromophenyl phenyl ether	790	ug/Kg	U
SEE09051130PML1	9/5/2010	4-Bromophenyl phenyl ether	790	ug/Kg	U
SEE08301550PML1	8/30/2010	4-Bromophenyl phenyl ether	790	ug/Kg	U
SEE10191155JDF1	10/19/2010	4-Bromophenyl phenyl ether	780	ug/Kg	U
SEE10171115JDF1	10/17/2010	4-Bromophenyl phenyl ether	780	ug/Kg	U
SEE10141015JDF1	10/14/2010	4-Bromophenyl phenyl ether	780	ug/Kg	U
SEE09220935RCM1	9/22/2010	4-Bromophenyl phenyl ether	780	ug/Kg	U
SEE09191445RCM1	9/19/2010	4-Bromophenyl phenyl ether	780	ug/Kg	U
SEE09161045PML1	9/16/2010	4-Bromophenyl phenyl ether	780	ug/Kg	U
SEE09071050PML1	9/7/2010	4-Bromophenyl phenyl ether	780	ug/Kg	UU
SEE10211010JWP1	10/21/2010	4-Bromophenyl phenyl ether	770	ug/Kg	U
SEE10181510JDF1	10/18/2010	4-Bromophenyl phenyl ether	770	ug/Kg	U
SEE10181510JDF1	10/18/2010	4-Bromophenyl phenyl ether	770	ug/Kg	U
SEE10061205PML1	10/6/2010	4-Bromophenyl phenyl ether	770	ug/Kg	U
SEE10031115JDF1	10/3/2010	4-Bromophenyl phenyl ether	770	ug/Kg	U
SEE10031115JDF1	10/3/2010	4-Bromophenyl phenyl ether	770	ug/Kg	U
SEE09171415PML1	9/17/2010	4-Bromophenyl phenyl ether	770	ug/Kg	U
SEE09140945PML1	9/14/2010	4-Bromophenyl phenyl ether	770	ug/Kg	U
SEE09131445RCM1	9/13/2010	4-Bromophenyl phenyl ether	770	ug/Kg	U
SEE09131505PML1	9/13/2010	4-Bromophenyl phenyl ether	770	ug/Kg	U
SEE08301145MHS1	8/30/2010	4-Bromophenyl phenyl ether	770	ug/Kg	U
SEE10141555ARM1	10/14/2010	4-Bromophenyl phenyl ether	760	ug/Kg	U
SEE10101215PML1	10/10/2010	4-Bromophenyl phenyl ether	760	ug/Kg	U
SEE10101215PML1	10/10/2010	4-Bromophenyl phenyl ether	760	ug/Kg	U
SEE09170839RCM1	9/17/2010	4-Bromophenyl phenyl ether	760	ug/Kg	U
SEE09081205PML1	9/8/2010	4-Bromophenyl phenyl ether	760	ug/Kg	U
SEE09031140MHS1	9/3/2010	4-Bromophenyl phenyl ether	760	ug/Kg	U
SEE10061051RCM1	10/6/2010	4-Bromophenyl phenyl ether	750	ug/Kg	U
SEE10041138RCM1	10/4/2010	4-Bromophenyl phenyl ether	750	ug/Kg	U
SEE09251135JDF1	9/25/2010	4-Bromophenyl phenyl ether	750	ug/Kg	U
SEE09200945PML1	9/20/2010	4-Bromophenyl phenyl ether	750	ug/Kg	U
SEE09200945PML1	9/20/2010	4-Bromophenyl phenyl ether	750	ug/Kg	U
SEE09191040PML1	9/19/2010	4-Bromophenyl phenyl ether	750	ug/Kg	U

**TABLE B-2b**  
**Upstream Sediment Samples (Morrow Lake)**

Sample ID	Sample Date	Analyte	Result	Unit	Data Qualifier
SEE09181705PML1	9/18/2010	4-Bromophenyl phenyl ether	750	ug/Kg	U
SEE09091005RCM1	9/9/2010	4-Bromophenyl phenyl ether	750	ug/Kg	U
SEE09061105PML1	9/6/2010	4-Bromophenyl phenyl ether	750	ug/Kg	U
SEE09031650PML1	9/3/2010	4-Bromophenyl phenyl ether	750	ug/Kg	U
SEE09031650PML1	9/3/2010	4-Bromophenyl phenyl ether	750	ug/Kg	U
SEE10191100JDF1	10/19/2010	4-Bromophenyl phenyl ether	740	ug/Kg	U
SEE10141150JDF1	10/14/2010	4-Bromophenyl phenyl ether	740	ug/Kg	U
SEE10101010PML1	10/10/2010	4-Bromophenyl phenyl ether	740	ug/Kg	U
SEE10081051RCM1	10/8/2010	4-Bromophenyl phenyl ether	740	ug/Kg	U
SEE09261625JDF1	9/26/2010	4-Bromophenyl phenyl ether	740	ug/Kg	U
SEE09261625JDF1	9/26/2010	4-Bromophenyl phenyl ether	740	ug/Kg	U
SEE09191530PML1	9/19/2010	4-Bromophenyl phenyl ether	740	ug/Kg	U
SEE09151145PML1	9/15/2010	4-Bromophenyl phenyl ether	740	ug/Kg	U
SEE09151145PML1	9/15/2010	4-Bromophenyl phenyl ether	740	ug/Kg	U
SEE09121055PML1	9/12/2010	4-Bromophenyl phenyl ether	740	ug/Kg	UJ
SEE09121055PML1	9/12/2010	4-Bromophenyl phenyl ether	740	ug/Kg	UJ
SEE09091515PML1	9/9/2010	4-Bromophenyl phenyl ether	740	ug/Kg	U
SEE09081010PML1	9/8/2010	4-Bromophenyl phenyl ether	740	ug/Kg	U
SEE08311045PML1	8/31/2010	4-Bromophenyl phenyl ether	740	ug/Kg	U
SEE10161530JDF1	10/16/2010	4-Bromophenyl phenyl ether	730	ug/Kg	U
SEE10141550JDF1	10/14/2010	4-Bromophenyl phenyl ether	730	ug/Kg	U
SEE10141550JDF1	10/14/2010	4-Bromophenyl phenyl ether	730	ug/Kg	U
SEE10121155JDF1	10/12/2010	4-Bromophenyl phenyl ether	730	ug/Kg	U
SEE10011120JDF1	10/1/2010	4-Bromophenyl phenyl ether	730	ug/Kg	U
SEE09260930RCM1	9/26/2010	4-Bromophenyl phenyl ether	730	ug/Kg	U
SEE09230955RCM1	9/23/2010	4-Bromophenyl phenyl ether	730	ug/Kg	U
SEE09151015PML1	9/15/2010	4-Bromophenyl phenyl ether	730	ug/Kg	U
SEE09111015PML1	9/11/2010	4-Bromophenyl phenyl ether	730	ug/Kg	UJ
SEE08281505PML1	8/28/2010	4-Bromophenyl phenyl ether	730	ug/kg	U
SEE10181210JDF1	10/18/2010	4-Bromophenyl phenyl ether	720	ug/Kg	U
SEE10150945JDF1	10/15/2010	4-Bromophenyl phenyl ether	720	ug/Kg	U
SEE10120930JDF1	10/12/2010	4-Bromophenyl phenyl ether	720	ug/Kg	U
SEE10081231PML1	10/8/2010	4-Bromophenyl phenyl ether	720	ug/Kg	U
SEE10071042RCM1	10/7/2010	4-Bromophenyl phenyl ether	720	ug/Kg	U
SEE10071101PML1	10/7/2010	4-Bromophenyl phenyl ether	720	ug/Kg	U
SEE09261215JDF1	9/26/2010	4-Bromophenyl phenyl ether	720	ug/Kg	U
SEE09011050PML1	9/1/2010	4-Bromophenyl phenyl ether	720	ug/Kg	U
SEE08271215PML1	8/27/2010	4-Bromophenyl phenyl ether	720	ug/kg	U
SEE10221055DWS1	10/22/2010	4-Bromophenyl phenyl ether	710	ug/Kg	U
SEE09221440JDF1	9/22/2010	4-Bromophenyl phenyl ether	710	ug/Kg	U
SEE09040950PML1	9/4/2010	4-Bromophenyl phenyl ether	710	ug/Kg	U
SEE10181430JWP1	10/18/2010	4-Bromophenyl phenyl ether	700	ug/Kg	U
SEE10161115ARM1	10/16/2010	4-Bromophenyl phenyl ether	700	ug/Kg	U
SEE10061640PML1	10/6/2010	4-Bromophenyl phenyl ether	700	ug/Kg	U
SEE10061640PML1	10/6/2010	4-Bromophenyl phenyl ether	700	ug/Kg	U
SEE09301205RCM1	9/30/2010	4-Bromophenyl phenyl ether	700	ug/Kg	U
SEE09211155JDF1	9/21/2010	4-Bromophenyl phenyl ether	700	ug/Kg	U
SEE09201115RCM1	9/20/2010	4-Bromophenyl phenyl ether	700	ug/Kg	U
SEE09171445RCM1	9/17/2010	4-Bromophenyl phenyl ether	700	ug/Kg	U
SEE09161035RCM1	9/16/2010	4-Bromophenyl phenyl ether	700	ug/Kg	U
SEE10191010JWP1	10/19/2010	4-Bromophenyl phenyl ether	690	ug/Kg	U
SEE10041150JDF1	10/4/2010	4-Bromophenyl phenyl ether	690	ug/Kg	U
SEE09121450PML1	9/12/2010	4-Bromophenyl phenyl ether	690	ug/Kg	UJ
SEE08301520JRP1	8/30/2010	4-Bromophenyl phenyl ether	690	ug/Kg	U
SEE08271614TWH1	8/27/2010	4-Bromophenyl phenyl ether	690	ug/kg	U
SEE10111125JDF1	10/11/2010	4-Bromophenyl phenyl ether	680	ug/Kg	U
SEE09271130JDF1	9/27/2010	4-Bromophenyl phenyl ether	680	ug/Kg	U
SEE09131620PML1	9/13/2010	4-Bromophenyl phenyl ether	680	ug/Kg	UJ
SEE09061130MHS1	9/6/2010	4-Bromophenyl phenyl ether	680	ug/Kg	U
SEE08261445JRP1	8/26/2010	4-Bromophenyl phenyl ether	680	ug/Kg	U

**TABLE B-2b**  
**Upstream Sediment Samples (Morrow Lake)**

Sample ID	Sample Date	Analyte	Result	Unit	Data Qualifier
SEE10031425JDF1	10/3/2010	4-Bromophenyl phenyl ether	670	ug/Kg	U
SEE09291035JDF1	9/29/2010	4-Bromophenyl phenyl ether	670	ug/Kg	U
SEE09250905RCM1	9/25/2010	4-Bromophenyl phenyl ether	670	ug/Kg	U
SEE09211530JDF1	9/21/2010	4-Bromophenyl phenyl ether	670	ug/Kg	U
SEE09131125PML1	9/13/2010	4-Bromophenyl phenyl ether	670	ug/Kg	U
SEE09091605PML1	9/9/2010	4-Bromophenyl phenyl ether	670	ug/Kg	U
SEE09041350PML1	9/4/2010	4-Bromophenyl phenyl ether	670	ug/Kg	U
SEE09011255PML1	9/1/2010	4-Bromophenyl phenyl ether	670	ug/Kg	U
SEE09170945PML1	9/17/2010	4-Bromophenyl phenyl ether	660	ug/Kg	U
SEE09091145PML1	9/9/2010	4-Bromophenyl phenyl ether	660	ug/Kg	U
SEE08301445JRP1	8/30/2010	4-Bromophenyl phenyl ether	660	ug/Kg	U
SEE08271500PML1	8/27/2010	4-Bromophenyl phenyl ether	660	ug/kg	U
SEE09091410PML1	9/9/2010	4-Bromophenyl phenyl ether	650	ug/Kg	U
SEE09171125PML1	9/17/2010	4-Bromophenyl phenyl ether	640	ug/Kg	U
SEE09051015PML1	9/5/2010	4-Bromophenyl phenyl ether	640	ug/Kg	U
SEE10161415JDF1	10/16/2010	4-Bromophenyl phenyl ether	630	ug/Kg	U
SEE10111011JDF1	10/11/2010	4-Bromophenyl phenyl ether	630	ug/Kg	U
SEE09130940PML1	9/13/2010	4-Bromophenyl phenyl ether	630	ug/Kg	U
SEE08301015JRP1	8/30/2010	4-Bromophenyl phenyl ether	630	ug/Kg	U
SEE10121415ARM1	10/12/2010	4-Bromophenyl phenyl ether	620	ug/Kg	U
SEE10071540PML1	10/7/2010	4-Bromophenyl phenyl ether	620	ug/Kg	U
SEE09031115JAW1	9/3/2010	4-Bromophenyl phenyl ether	620	ug/Kg	U
SEE08301530JAW1	8/30/2010	4-Bromophenyl phenyl ether	620	ug/Kg	U
SEE10161055JDF1	10/16/2010	4-Bromophenyl phenyl ether	610	ug/Kg	U
SEE10071205PML1	10/7/2010	4-Bromophenyl phenyl ether	610	ug/Kg	U
SEE09271515JDF1	9/27/2010	4-Bromophenyl phenyl ether	610	ug/Kg	U
SEE09211112RCM1	9/21/2010	4-Bromophenyl phenyl ether	610	ug/Kg	U
SEE09201645ARM1	9/20/2010	4-Bromophenyl phenyl ether	610	ug/Kg	U
SEE09171530PML1	9/17/2010	4-Bromophenyl phenyl ether	610	ug/Kg	U
SEE09091010PML1	9/9/2010	4-Bromophenyl phenyl ether	610	ug/Kg	U
SEE09091025JRP1	9/9/2010	4-Bromophenyl phenyl ether	610	ug/Kg	U
SEE10111350JDF1	10/11/2010	4-Bromophenyl phenyl ether	600	ug/Kg	U
SEE09290925JDF1	9/29/2010	4-Bromophenyl phenyl ether	600	ug/Kg	U
SEE09221105JDF1	9/22/2010	4-Bromophenyl phenyl ether	600	ug/Kg	U
SEE09221615JDF1	9/22/2010	4-Bromophenyl phenyl ether	600	ug/Kg	U
SEE10151055ARM1	10/15/2010	4-Bromophenyl phenyl ether	590	ug/Kg	U
SEE09301255MAE1	9/30/2010	4-Bromophenyl phenyl ether	590	ug/Kg	U
SEE09011145PML1	9/1/2010	4-Bromophenyl phenyl ether	590	ug/Kg	U
SEE08291110PML1	8/29/2010	4-Bromophenyl phenyl ether	590	ug/kg	U
SEE10041050JDF1	10/4/2010	4-Bromophenyl phenyl ether	580	ug/Kg	U
SEE09231130ARM1	9/23/2010	4-Bromophenyl phenyl ether	580	ug/Kg	U
SEE10121030JDF1	10/12/2010	4-Bromophenyl phenyl ether	570	ug/Kg	U
SEE10041335JDF1	10/4/2010	4-Bromophenyl phenyl ether	570	ug/Kg	U
SEE09271025ARM1	9/27/2010	4-Bromophenyl phenyl ether	570	ug/Kg	U
SEE08281215PML1	8/28/2010	4-Bromophenyl phenyl ether	570	ug/kg	U
SEE08281420TWH1	8/28/2010	4-Bromophenyl phenyl ether	570	ug/kg	U
SEE10040945JDF1	10/4/2010	4-Bromophenyl phenyl ether	560	ug/Kg	U
SEE09130955JRP1	9/13/2010	4-Bromophenyl phenyl ether	560	ug/Kg	U
SEE09291645JDF1	9/29/2010	4-Bromophenyl phenyl ether	550	ug/Kg	U
SEE08281510TWH1	8/28/2010	4-Bromophenyl phenyl ether	540	ug/kg	U
SEE09141312RCM1	9/14/2010	4-Bromophenyl phenyl ether	530	ug/Kg	U
SEE08291421KAP1	8/29/2010	4-Bromophenyl phenyl ether	510	ug/kg	U
SEE08271652TWH1	8/27/2010	4-Bromophenyl phenyl ether	500	ug/kg	U
SEE10151355ARM1	10/15/2010	4-Bromophenyl phenyl ether	480	ug/Kg	U
SEE10041355ARM1	10/4/2010	4-Bromophenyl phenyl ether	480	ug/Kg	U
SEE09090900JRP1	9/9/2010	4-Bromophenyl phenyl ether	470	ug/Kg	U
SEE08311010JRP1	8/31/2010	4-Bromophenyl phenyl ether	470	ug/Kg	U
SEE08311348MHS1	8/31/2010	4-Bromophenyl phenyl ether	470	ug/Kg	U
SEE10170915JDF1	10/17/2010	4-Bromophenyl phenyl ether	460	ug/Kg	U
SEE10071415ARM1	10/7/2010	4-Bromophenyl phenyl ether	460	ug/Kg	U

**TABLE B-2b**  
**Upstream Sediment Samples (Morrow Lake)**

Sample ID	Sample Date	Analyte	Result	Unit	Data Qualifier
SEE09291135JDF1	9/29/2010	4-Bromophenyl phenyl ether	460	ug/Kg	U
SEE10071151RCM1	10/7/2010	4-Bromophenyl phenyl ether	430	ug/Kg	U
SEE08300920JRP1	8/30/2010	4-Bromophenyl phenyl ether	410	ug/Kg	U
SEE08291550KAP1	8/29/2010	4-Bromophenyl phenyl ether	410	ug/kg	U
SEE10221450DWS1	10/22/2010	4-Bromophenyl phenyl ether	390	ug/Kg	U
SEE09051500MHS1	9/5/2010	4-Bromophenyl phenyl ether	380	ug/Kg	U
SEE10141025ARM1	10/14/2010	4-Bromophenyl phenyl ether	370	ug/Kg	U
SEE10211345JWP1	10/21/2010	4-Bromophenyl phenyl ether	330	ug/Kg	U
SEE10091200ARM1	10/9/2010	4-Bromophenyl phenyl ether	330	ug/Kg	UJ
SEE09130915JRP1	9/13/2010	4-Bromophenyl phenyl ether	330	ug/Kg	U
SEE08291354KAP1	8/29/2010	4-Bromophenyl phenyl ether	330	ug/kg	U
SEE09061610JAW1	9/6/2010	4-Bromophenyl phenyl ether	290	ug/Kg	U
SEE10051415ARM1	10/5/2010	4-Bromophenyl phenyl ether	280	ug/Kg	U
SEE10171535ARM1	10/17/2010	4-Bromophenyl phenyl ether	270	ug/Kg	U
SEE08291445PML1	8/29/2010	4-Bromophenyl phenyl ether	270	ug/kg	U
SEE08261700JRP1	8/26/2010	4-Bromophenyl phenyl ether	270	ug/Kg	U
SEE09100945RCM1	9/10/2010	4-Bromophenyl phenyl ether	260	ug/Kg	UJ
SEE08301410JRP1	8/30/2010	4-Bromophenyl phenyl ether	260	ug/Kg	U
SEE10011125ARM1	10/1/2010	4-Bromophenyl phenyl ether	250	ug/Kg	U
SEE09211120ARM1	9/21/2010	4-Bromophenyl phenyl ether	250	ug/Kg	U
SEE09201110ARM1	9/20/2010	4-Bromophenyl phenyl ether	250	ug/Kg	U
SEF10221050MAE3	10/22/2010	4-Bromophenyl phenyl ether	240	ug/Kg	U
SEF10191135NAC3	10/19/2010	4-Bromophenyl phenyl ether	240	ug/Kg	U
SEE10081035ARM1	10/8/2010	4-Bromophenyl phenyl ether	240	ug/Kg	U
SEE09171200ARM1	9/17/2010	4-Bromophenyl phenyl ether	240	ug/Kg	U
SEF10011045TDF1	10/1/2010	4-Bromophenyl phenyl ether	230	ug/Kg	U
SEE09290915MAE1	9/29/2010	4-Bromophenyl phenyl ether	230	ug/Kg	U
SEE09271500ARM1	9/27/2010	4-Bromophenyl phenyl ether	230	ug/Kg	U
SEE09231205RCM1	9/23/2010	4-Bromophenyl phenyl ether	230	ug/Kg	U
SEE09200911RCM1	9/20/2010	4-Bromophenyl phenyl ether	230	ug/Kg	U
SEE09140945JRP1	9/14/2010	4-Bromophenyl phenyl ether	230	ug/Kg	U
SEE08271445JRP1	8/27/2010	4-Bromophenyl phenyl ether	230	ug/kg	U
SEF10081108TDF3	10/8/2010	4-Bromophenyl phenyl ether	220	ug/Kg	U
SEE10071045ARM1	10/7/2010	4-Bromophenyl phenyl ether	220	ug/Kg	U
SEE10041045ARM1	10/4/2010	4-Bromophenyl phenyl ether	220	ug/Kg	U
SEE10011043RCM1	10/1/2010	4-Bromophenyl phenyl ether	220	ug/Kg	U
SEE09281445RCM1	9/28/2010	4-Bromophenyl phenyl ether	220	ug/Kg	U
SEE09251235ARM1	9/25/2010	4-Bromophenyl phenyl ether	220	ug/Kg	U
SEE09231035ARM1	9/23/2010	4-Bromophenyl phenyl ether	220	ug/Kg	U
SEE09170935RCM1	9/17/2010	4-Bromophenyl phenyl ether	220	ug/Kg	U
SEE09150915JRP1	9/15/2010	4-Bromophenyl phenyl ether	220	ug/Kg	U
SEE09070930JRP1	9/7/2010	4-Bromophenyl phenyl ether	220	ug/Kg	UJ
SEB09011143JLS1	9/1/2010	4-Bromophenyl phenyl ether	220	ug/Kg	U
SEE08301100JRP1	8/30/2010	4-Bromophenyl phenyl ether	220	ug/Kg	U
SEE08271536TWH1	8/27/2010	4-Bromophenyl phenyl ether	220	ug/kg	U
SEE10191115JWP1	10/19/2010	4-Bromophenyl phenyl ether	210	ug/Kg	U
SEF10151030PMB3	10/15/2010	4-Bromophenyl phenyl ether	210	ug/Kg	U
SEF10121130PMB3	10/12/2010	4-Bromophenyl phenyl ether	210	ug/Kg	U
SEE10061135ARM1	10/6/2010	4-Bromophenyl phenyl ether	210	ug/Kg	U
SEF10051206TDF3	10/5/2010	4-Bromophenyl phenyl ether	210	ug/Kg	U
SEE09100920JRP1	9/10/2010	4-Bromophenyl phenyl ether	210	ug/Kg	UJ
SEE09051500JAW1	9/5/2010	4-Bromophenyl phenyl ether	210	ug/Kg	U
SEB08281400JLS1	8/28/2010	4-Bromophenyl phenyl ether	210	ug/kg	U
SEE08281540JRP1	8/28/2010	4-Bromophenyl phenyl ether	210	ug/kg	U
SEE10131035ARM1	10/13/2010	4-Bromophenyl phenyl ether	200	ug/Kg	U
SEE10121040ARM1	10/12/2010	4-Bromophenyl phenyl ether	200	ug/Kg	U
SEE10051145RCM1	10/5/2010	4-Bromophenyl phenyl ether	200	ug/Kg	U
SEE09301025MAE1	9/30/2010	4-Bromophenyl phenyl ether	200	ug/Kg	U
SEF09281139TDF1	9/28/2010	4-Bromophenyl phenyl ether	200	ug/Kg	U
SEE09221045ARM1	9/22/2010	4-Bromophenyl phenyl ether	200	ug/Kg	U



**TABLE B-2b**  
**Upstream Sediment Samples (Morrow Lake)**

Sample ID	Sample Date	Analyte	Result	Unit	Data Qualifier
SEE09080930JRP1	9/8/2010	4-Bromophenyl phenyl ether	200	ug/Kg	U
SEE09011515JAW1	9/1/2010	4-Bromophenyl phenyl ether	200	ug/Kg	U
SEE10181030JWP1	10/18/2010	4-Bromophenyl phenyl ether	190	ug/Kg	U
ML-07-S-081810	8/18/2010	4-Bromophenyl phenyl ether	0.37	mg/Kg	UJ
ML-06-S-082310	8/23/2010	4-Bromophenyl phenyl ether	0.33	mg/Kg	U
ML-04-S-081710	8/17/2010	4-Bromophenyl phenyl ether	0.32	mg/Kg	U
ML-04-S-082610	8/26/2010	4-Bromophenyl phenyl ether	0.31	mg/Kg	U
ML-03-S-082310	8/23/2010	4-Bromophenyl phenyl ether	0.31	mg/Kg	U
ML-10-S-081910	8/19/2010	4-Bromophenyl phenyl ether	0.31	mg/Kg	U
ML-10-S-081910	8/19/2010	4-Bromophenyl phenyl ether	0.31	mg/Kg	U
ML-09-S-081810	8/18/2010	4-Bromophenyl phenyl ether	0.31	mg/Kg	UJ
ML-06-S-081710	8/17/2010	4-Bromophenyl phenyl ether	0.31	mg/Kg	U
ML-10-S-082610	8/26/2010	4-Bromophenyl phenyl ether	0.30	mg/Kg	U
ML-10-S-082610	8/26/2010	4-Bromophenyl phenyl ether	0.30	mg/Kg	U
ML-05-S-082310	8/23/2010	4-Bromophenyl phenyl ether	0.28	mg/Kg	U
ML-01-S-081910	8/19/2010	4-Bromophenyl phenyl ether	0.27	mg/Kg	U
ML-05-S-081710	8/17/2010	4-Bromophenyl phenyl ether	0.26	mg/Kg	U
ML-02-S-082310	8/23/2010	4-Bromophenyl phenyl ether	0.25	mg/Kg	U
ML-02-S-081710	8/17/2010	4-Bromophenyl phenyl ether	0.24	mg/Kg	U
ML-06-S-082510	8/25/2010	4-Bromophenyl phenyl ether	0.18	mg/Kg	U
ML-07-S-082410	8/24/2010	4-Bromophenyl phenyl ether	0.18	mg/Kg	UJ
ML-07-S-082110	8/21/2010	4-Bromophenyl phenyl ether	0.18	mg/Kg	U
ML-05-S-082610	8/26/2010	4-Bromophenyl phenyl ether	0.17	mg/Kg	U
ML-07-S-082510	8/25/2010	4-Bromophenyl phenyl ether	0.17	mg/Kg	U
ML-08-S-082110	8/21/2010	4-Bromophenyl phenyl ether	0.17	mg/Kg	U
ML-07-S-081610	8/16/2010	4-Bromophenyl phenyl ether	0.17	mg/Kg	U
ML-08-S-081610	8/16/2010	4-Bromophenyl phenyl ether	0.17	mg/Kg	U
ML-08-S-082510	8/25/2010	4-Bromophenyl phenyl ether	0.16	mg/Kg	U
ML-08-S-082410	8/24/2010	4-Bromophenyl phenyl ether	0.16	mg/Kg	UJ
ML-06-S-082010	8/20/2010	4-Bromophenyl phenyl ether	0.16	mg/Kg	U
ML-01-S-081610	8/16/2010	4-Bromophenyl phenyl ether	0.16	mg/Kg	U
ML-01-S-082510	8/25/2010	4-Bromophenyl phenyl ether	0.15	mg/Kg	U
ML-09-S-082510	8/25/2010	4-Bromophenyl phenyl ether	0.15	mg/Kg	U
ML-04-S-082410	8/24/2010	4-Bromophenyl phenyl ether	0.15	mg/Kg	UJ
ML-10-S-082410	8/24/2010	4-Bromophenyl phenyl ether	0.15	mg/Kg	UJ
ML-10-S-082410	8/24/2010	4-Bromophenyl phenyl ether	0.15	mg/Kg	UJ
ML-09-S-082110	8/21/2010	4-Bromophenyl phenyl ether	0.15	mg/Kg	U
ML-10-S-082110	8/21/2010	4-Bromophenyl phenyl ether	0.15	mg/Kg	U
ML-10-S-082110	8/21/2010	4-Bromophenyl phenyl ether	0.15	mg/Kg	U
ML-05-S-082010	8/20/2010	4-Bromophenyl phenyl ether	0.15	mg/Kg	U
ML-10-S-081610	8/16/2010	4-Bromophenyl phenyl ether	0.15	mg/Kg	U
ML-10-S-081610	8/16/2010	4-Bromophenyl phenyl ether	0.15	mg/Kg	U
ML-02-S-082510	8/25/2010	4-Bromophenyl phenyl ether	0.14	mg/Kg	U
ML-09-S-082410	8/24/2010	4-Bromophenyl phenyl ether	0.14	mg/Kg	UJ
ML-01-S-082110	8/21/2010	4-Bromophenyl phenyl ether	0.14	mg/Kg	U
ML-03-S-082510	8/25/2010	4-Bromophenyl phenyl ether	0.13	mg/Kg	U
ML-02-S-082010	8/20/2010	4-Bromophenyl phenyl ether	0.13	mg/Kg	U
ML-03-S-082010	8/20/2010	4-Bromophenyl phenyl ether	0.13	mg/Kg	U
ML-04-S-082010	8/20/2010	4-Bromophenyl phenyl ether	0.13	mg/Kg	U
ML-03-S-081610	8/16/2010	4-Bromophenyl phenyl ether	0.12	mg/Kg	U
SEE09011635PML1	9/1/2010	4-Chloro-3-methylphenol	6000	ug/Kg	U
SEE09051430PML1	9/5/2010	4-Chloro-3-methylphenol	5900	ug/Kg	U
SEE10051125PML1	10/5/2010	4-Chloro-3-methylphenol	1800	ug/Kg	U
SEE09301105JDF1	9/30/2010	4-Chloro-3-methylphenol	1800	ug/Kg	U
SEE09061500PML1	9/6/2010	4-Chloro-3-methylphenol	1800	ug/Kg	U
SEE09021400PML1	9/2/2010	4-Chloro-3-methylphenol	1800	ug/Kg	U
SEE08301130PML1	8/30/2010	4-Chloro-3-methylphenol	1800	ug/Kg	U
SEE10171410JDF1	10/17/2010	4-Chloro-3-methylphenol	1700	ug/Kg	U
SEE10131150JDF1	10/13/2010	4-Chloro-3-methylphenol	1700	ug/Kg	U
SEE10081115PML1	10/8/2010	4-Chloro-3-methylphenol	1700	ug/Kg	U

**TABLE B-2b**  
**Upstream Sediment Samples (Morrow Lake)**

Sample ID	Sample Date	Analyte	Result	Unit	Data Qualifier
SEE09301255JDF1	9/30/2010	4-Chloro-3-methylphenol	1700	ug/Kg	U
SEE09231645JDF1	9/23/2010	4-Chloro-3-methylphenol	1700	ug/Kg	U
SEE09181235PML1	9/18/2010	4-Chloro-3-methylphenol	1700	ug/Kg	U
SEE09141135PML1	9/14/2010	4-Chloro-3-methylphenol	1700	ug/Kg	U
SEE09121105RCM1	9/12/2010	4-Chloro-3-methylphenol	1700	ug/Kg	UJ
SEE09101022PML1	9/10/2010	4-Chloro-3-methylphenol	1700	ug/Kg	UJ
SEE09101215PML1	9/10/2010	4-Chloro-3-methylphenol	1700	ug/Kg	UJ
SEE09091410RCM1	9/9/2010	4-Chloro-3-methylphenol	1700	ug/Kg	U
SEE09081020RCM1	9/8/2010	4-Chloro-3-methylphenol	1700	ug/Kg	U
SEE09031645MHS1	9/3/2010	4-Chloro-3-methylphenol	1700	ug/Kg	U
SEE09011545MHS1	9/1/2010	4-Chloro-3-methylphenol	1700	ug/Kg	U
SEE09011545PML1	9/1/2010	4-Chloro-3-methylphenol	1700	ug/Kg	U
SEE08311420PML1	8/31/2010	4-Chloro-3-methylphenol	1700	ug/Kg	U
SEE08311420PML1	8/31/2010	4-Chloro-3-methylphenol	1700	ug/Kg	U
SEE10181035JDF1	10/18/2010	4-Chloro-3-methylphenol	1600	ug/Kg	U
SEE10091401PML1	10/9/2010	4-Chloro-3-methylphenol	1600	ug/Kg	UJ
SEE10091614PML1	10/9/2010	4-Chloro-3-methylphenol	1600	ug/Kg	UJ
SEE10051653PML1	10/5/2010	4-Chloro-3-methylphenol	1600	ug/Kg	U
SEE10041530JDF1	10/4/2010	4-Chloro-3-methylphenol	1600	ug/Kg	U
SEE09291023RCM1	9/29/2010	4-Chloro-3-methylphenol	1600	ug/Kg	U
SEE09231210JDF1	9/23/2010	4-Chloro-3-methylphenol	1600	ug/Kg	U
SEE09141515PML1	9/14/2010	4-Chloro-3-methylphenol	1600	ug/Kg	U
SEE09131026RCM1	9/13/2010	4-Chloro-3-methylphenol	1600	ug/Kg	U
SEE09121436RCM1	9/12/2010	4-Chloro-3-methylphenol	1600	ug/Kg	UJ
SEE09101625PML1	9/10/2010	4-Chloro-3-methylphenol	1600	ug/Kg	UJ
SEE09061525MHS1	9/6/2010	4-Chloro-3-methylphenol	1600	ug/Kg	U
SEE09051130PML1	9/5/2010	4-Chloro-3-methylphenol	1600	ug/Kg	U
SEE09051550MHS1	9/5/2010	4-Chloro-3-methylphenol	1600	ug/Kg	U
SEE09030925PML1	9/3/2010	4-Chloro-3-methylphenol	1600	ug/Kg	U
SEE09031100PML1	9/3/2010	4-Chloro-3-methylphenol	1600	ug/Kg	U
SEE09021010PML1	9/2/2010	4-Chloro-3-methylphenol	1600	ug/Kg	U
SEE08301550PML1	8/30/2010	4-Chloro-3-methylphenol	1600	ug/Kg	U
SEE08301638MHS1	8/30/2010	4-Chloro-3-methylphenol	1600	ug/Kg	U
SEE10181510JDF1	10/18/2010	4-Chloro-3-methylphenol	1500	ug/Kg	U
SEE10181510JDF1	10/18/2010	4-Chloro-3-methylphenol	1500	ug/Kg	U
SEE10171115JDF1	10/17/2010	4-Chloro-3-methylphenol	1500	ug/Kg	U
SEE10141015JDF1	10/14/2010	4-Chloro-3-methylphenol	1500	ug/Kg	U
SEE10141150JDF1	10/14/2010	4-Chloro-3-methylphenol	1500	ug/Kg	U
SEE10141555ARM1	10/14/2010	4-Chloro-3-methylphenol	1500	ug/Kg	U
SEE10121155JDF1	10/12/2010	4-Chloro-3-methylphenol	1500	ug/Kg	U
SEE10101010PML1	10/10/2010	4-Chloro-3-methylphenol	1500	ug/Kg	U
SEE10101215PML1	10/10/2010	4-Chloro-3-methylphenol	1500	ug/Kg	U
SEE10101215PML1	10/10/2010	4-Chloro-3-methylphenol	1500	ug/Kg	U
SEE10081051RCM1	10/8/2010	4-Chloro-3-methylphenol	1500	ug/Kg	U
SEE10061051RCM1	10/6/2010	4-Chloro-3-methylphenol	1500	ug/Kg	U
SEE10061205PML1	10/6/2010	4-Chloro-3-methylphenol	1500	ug/Kg	U
SEE10041138RCM1	10/4/2010	4-Chloro-3-methylphenol	1500	ug/Kg	U
SEE10031115JDF1	10/3/2010	4-Chloro-3-methylphenol	1500	ug/Kg	U
SEE10031115JDF1	10/3/2010	4-Chloro-3-methylphenol	1500	ug/Kg	U
SEE09260930RCM1	9/26/2010	4-Chloro-3-methylphenol	1500	ug/Kg	U
SEE09261625JDF1	9/26/2010	4-Chloro-3-methylphenol	1500	ug/Kg	U
SEE09261625JDF1	9/26/2010	4-Chloro-3-methylphenol	1500	ug/Kg	U
SEE09251135JDF1	9/25/2010	4-Chloro-3-methylphenol	1500	ug/Kg	U
SEE09220935RCM1	9/22/2010	4-Chloro-3-methylphenol	1500	ug/Kg	U
SEE09200945PML1	9/20/2010	4-Chloro-3-methylphenol	1500	ug/Kg	U
SEE09200945PML1	9/20/2010	4-Chloro-3-methylphenol	1500	ug/Kg	U
SEE09191040PML1	9/19/2010	4-Chloro-3-methylphenol	1500	ug/Kg	U
SEE09191445RCM1	9/19/2010	4-Chloro-3-methylphenol	1500	ug/Kg	U
SEE09191530PML1	9/19/2010	4-Chloro-3-methylphenol	1500	ug/Kg	U
SEE09181705PML1	9/18/2010	4-Chloro-3-methylphenol	1500	ug/Kg	U

**TABLE B-2b**  
**Upstream Sediment Samples (Morrow Lake)**

Sample ID	Sample Date	Analyte	Result	Unit	Data Qualifier
SEE09170839RCM1	9/17/2010	4-Chloro-3-methylphenol	1500	ug/Kg	U
SEE09171415PML1	9/17/2010	4-Chloro-3-methylphenol	1500	ug/Kg	U
SEE09161045PML1	9/16/2010	4-Chloro-3-methylphenol	1500	ug/Kg	U
SEE09151145PML1	9/15/2010	4-Chloro-3-methylphenol	1500	ug/Kg	U
SEE09151145PML1	9/15/2010	4-Chloro-3-methylphenol	1500	ug/Kg	U
SEE09140945PML1	9/14/2010	4-Chloro-3-methylphenol	1500	ug/Kg	U
SEE09131445RCM1	9/13/2010	4-Chloro-3-methylphenol	1500	ug/Kg	U
SEE09131505PML1	9/13/2010	4-Chloro-3-methylphenol	1500	ug/Kg	U
SEE09121055PML1	9/12/2010	4-Chloro-3-methylphenol	1500	ug/Kg	UJ
SEE09121055PML1	9/12/2010	4-Chloro-3-methylphenol	1500	ug/Kg	UJ
SEE09091005RCM1	9/9/2010	4-Chloro-3-methylphenol	1500	ug/Kg	U
SEE09091515PML1	9/9/2010	4-Chloro-3-methylphenol	1500	ug/Kg	U
SEE09081010PML1	9/8/2010	4-Chloro-3-methylphenol	1500	ug/Kg	U
SEE09081205PML1	9/8/2010	4-Chloro-3-methylphenol	1500	ug/Kg	U
SEE09071050PML1	9/7/2010	4-Chloro-3-methylphenol	1500	ug/Kg	U
SEE09061105PML1	9/6/2010	4-Chloro-3-methylphenol	1500	ug/Kg	U
SEE09031140MHS1	9/3/2010	4-Chloro-3-methylphenol	1500	ug/Kg	U
SEE09031650PML1	9/3/2010	4-Chloro-3-methylphenol	1500	ug/Kg	U
SEE09031650PML1	9/3/2010	4-Chloro-3-methylphenol	1500	ug/Kg	U
SEE08311045PML1	8/31/2010	4-Chloro-3-methylphenol	1500	ug/Kg	U
SEE08301145MHS1	8/30/2010	4-Chloro-3-methylphenol	1500	ug/Kg	U
SEE10181210JDF1	10/18/2010	4-Chloro-3-methylphenol	1400	ug/Kg	U
SEE10181430JWP1	10/18/2010	4-Chloro-3-methylphenol	1400	ug/Kg	U
SEE10161115ARM1	10/16/2010	4-Chloro-3-methylphenol	1400	ug/Kg	U
SEE10161530JDF1	10/16/2010	4-Chloro-3-methylphenol	1400	ug/Kg	U
SEE10150945JDF1	10/15/2010	4-Chloro-3-methylphenol	1400	ug/Kg	U
SEE10141550JDF1	10/14/2010	4-Chloro-3-methylphenol	1400	ug/Kg	U
SEE10141550JDF1	10/14/2010	4-Chloro-3-methylphenol	1400	ug/Kg	U
SEE10120930JDF1	10/12/2010	4-Chloro-3-methylphenol	1400	ug/Kg	U
SEE10081231PML1	10/8/2010	4-Chloro-3-methylphenol	1400	ug/Kg	U
SEE10071042RCM1	10/7/2010	4-Chloro-3-methylphenol	1400	ug/Kg	U
SEE10071101PML1	10/7/2010	4-Chloro-3-methylphenol	1400	ug/Kg	U
SEE10061640PML1	10/6/2010	4-Chloro-3-methylphenol	1400	ug/Kg	U
SEE10061640PML1	10/6/2010	4-Chloro-3-methylphenol	1400	ug/Kg	U
SEE10041150JDF1	10/4/2010	4-Chloro-3-methylphenol	1400	ug/Kg	U
SEE10011120JDF1	10/1/2010	4-Chloro-3-methylphenol	1400	ug/Kg	U
SEE09301205RCM1	9/30/2010	4-Chloro-3-methylphenol	1400	ug/Kg	U
SEE09271130JDF1	9/27/2010	4-Chloro-3-methylphenol	1400	ug/Kg	U
SEE09261215JDF1	9/26/2010	4-Chloro-3-methylphenol	1400	ug/Kg	U
SEE09230955RCM1	9/23/2010	4-Chloro-3-methylphenol	1400	ug/Kg	U
SEE09221440JDF1	9/22/2010	4-Chloro-3-methylphenol	1400	ug/Kg	U
SEE09211155JDF1	9/21/2010	4-Chloro-3-methylphenol	1400	ug/Kg	U
SEE09201115RCM1	9/20/2010	4-Chloro-3-methylphenol	1400	ug/Kg	U
SEE09171445RCM1	9/17/2010	4-Chloro-3-methylphenol	1400	ug/Kg	U
SEE09161035RCM1	9/16/2010	4-Chloro-3-methylphenol	1400	ug/Kg	U
SEE09151015PML1	9/15/2010	4-Chloro-3-methylphenol	1400	ug/Kg	U
SEE09131620PML1	9/13/2010	4-Chloro-3-methylphenol	1400	ug/Kg	U
SEE09121450PML1	9/12/2010	4-Chloro-3-methylphenol	1400	ug/Kg	UJ
SEE09111015PML1	9/11/2010	4-Chloro-3-methylphenol	1400	ug/Kg	UJ
SEE09040950PML1	9/4/2010	4-Chloro-3-methylphenol	1400	ug/Kg	U
SEE09011050PML1	9/1/2010	4-Chloro-3-methylphenol	1400	ug/Kg	U
SEE08301520JRP1	8/30/2010	4-Chloro-3-methylphenol	1400	ug/Kg	U
SEE08271145RCM1	8/27/2010	4-Chloro-3-methylphenol	1400	ug/kg	U
SEE10111125JDF1	10/11/2010	4-Chloro-3-methylphenol	1300	ug/Kg	U
SEE10031425JDF1	10/3/2010	4-Chloro-3-methylphenol	1300	ug/Kg	U
SEE09291035JDF1	9/29/2010	4-Chloro-3-methylphenol	1300	ug/Kg	U
SEE09250905RCM1	9/25/2010	4-Chloro-3-methylphenol	1300	ug/Kg	U
SEE09211530JDF1	9/21/2010	4-Chloro-3-methylphenol	1300	ug/Kg	U
SEE09170945PML1	9/17/2010	4-Chloro-3-methylphenol	1300	ug/Kg	U
SEE09171125PML1	9/17/2010	4-Chloro-3-methylphenol	1300	ug/Kg	U

**TABLE B-2b**  
**Upstream Sediment Samples (Morrow Lake)**

Sample ID	Sample Date	Analyte	Result	Unit	Data Qualifier
SEE09130940PML1	9/13/2010	4-Chloro-3-methylphenol	1300	ug/Kg	U
SEE09131125PML1	9/13/2010	4-Chloro-3-methylphenol	1300	ug/Kg	U
SEE09091145PML1	9/9/2010	4-Chloro-3-methylphenol	1300	ug/Kg	U
SEE09091410PML1	9/9/2010	4-Chloro-3-methylphenol	1300	ug/Kg	U
SEE09091605PML1	9/9/2010	4-Chloro-3-methylphenol	1300	ug/Kg	U
SEE09061130MHS1	9/6/2010	4-Chloro-3-methylphenol	1300	ug/Kg	U
SEE09051015PML1	9/5/2010	4-Chloro-3-methylphenol	1300	ug/Kg	U
SEE09041350PML1	9/4/2010	4-Chloro-3-methylphenol	1300	ug/Kg	U
SEE09011255PML1	9/1/2010	4-Chloro-3-methylphenol	1300	ug/Kg	U
SEE08301445JRP1	8/30/2010	4-Chloro-3-methylphenol	1300	ug/Kg	U
SEE08261445JRP1	8/26/2010	4-Chloro-3-methylphenol	1300	ug/Kg	U
SEE10161055JDF1	10/16/2010	4-Chloro-3-methylphenol	1200	ug/Kg	U
SEE10161415JDF1	10/16/2010	4-Chloro-3-methylphenol	1200	ug/Kg	U
SEE10151055ARM1	10/15/2010	4-Chloro-3-methylphenol	1200	ug/Kg	U
SEE10121415ARM1	10/12/2010	4-Chloro-3-methylphenol	1200	ug/Kg	U
SEE10111011JDF1	10/11/2010	4-Chloro-3-methylphenol	1200	ug/Kg	U
SEE10111350JDF1	10/11/2010	4-Chloro-3-methylphenol	1200	ug/Kg	U
SEE10071205PML1	10/7/2010	4-Chloro-3-methylphenol	1200	ug/Kg	U
SEE10071540PML1	10/7/2010	4-Chloro-3-methylphenol	1200	ug/Kg	U
SEE09301255MAE1	9/30/2010	4-Chloro-3-methylphenol	1200	ug/Kg	U
SEE09290925JDF1	9/29/2010	4-Chloro-3-methylphenol	1200	ug/Kg	U
SEE09271515JDF1	9/27/2010	4-Chloro-3-methylphenol	1200	ug/Kg	U
SEE09221105JDF1	9/22/2010	4-Chloro-3-methylphenol	1200	ug/Kg	U
SEE09221615JDF1	9/22/2010	4-Chloro-3-methylphenol	1200	ug/Kg	U
SEE09211112RCM1	9/21/2010	4-Chloro-3-methylphenol	1200	ug/Kg	U
SEE09201645ARM1	9/20/2010	4-Chloro-3-methylphenol	1200	ug/Kg	U
SEE09171530PML1	9/17/2010	4-Chloro-3-methylphenol	1200	ug/Kg	U
SEE09091010PML1	9/9/2010	4-Chloro-3-methylphenol	1200	ug/Kg	U
SEE09091025JRP1	9/9/2010	4-Chloro-3-methylphenol	1200	ug/Kg	U
SEE09031115JAW1	9/3/2010	4-Chloro-3-methylphenol	1200	ug/Kg	U
SEE09011145PML1	9/1/2010	4-Chloro-3-methylphenol	1200	ug/Kg	U
SEE08301015JRP1	8/30/2010	4-Chloro-3-methylphenol	1200	ug/Kg	U
SEE08301530JAW1	8/30/2010	4-Chloro-3-methylphenol	1200	ug/Kg	U
SEE08261620RCM1	8/26/2010	4-Chloro-3-methylphenol	1200	ug/kg	U
SEE10121030JDF1	10/12/2010	4-Chloro-3-methylphenol	1100	ug/Kg	U
SEE10040945JDF1	10/4/2010	4-Chloro-3-methylphenol	1100	ug/Kg	U
SEE10041050JDF1	10/4/2010	4-Chloro-3-methylphenol	1100	ug/Kg	U
SEE10041335JDF1	10/4/2010	4-Chloro-3-methylphenol	1100	ug/Kg	U
SEE09291645JDF1	9/29/2010	4-Chloro-3-methylphenol	1100	ug/Kg	U
SEE09271025ARM1	9/27/2010	4-Chloro-3-methylphenol	1100	ug/Kg	U
SEE09231130ARM1	9/23/2010	4-Chloro-3-methylphenol	1100	ug/Kg	U
SEE09141312RCM1	9/14/2010	4-Chloro-3-methylphenol	1100	ug/Kg	U
SEE09130955JRP1	9/13/2010	4-Chloro-3-methylphenol	1100	ug/Kg	U
SEE08261420RCM1	8/26/2010	4-Chloro-3-methylphenol	1000	ug/kg	U
SEE10211035JDF1	10/21/2010	4-Chloro-3-methylphenol	960	ug/Kg	UJ
SEE10151355ARM1	10/15/2010	4-Chloro-3-methylphenol	960	ug/Kg	U
SEE10041355ARM1	10/4/2010	4-Chloro-3-methylphenol	960	ug/Kg	U
SEE08311010JRP1	8/31/2010	4-Chloro-3-methylphenol	940	ug/Kg	U
SEE09090900JRP1	9/9/2010	4-Chloro-3-methylphenol	930	ug/Kg	U
SEE08311348MHS1	8/31/2010	4-Chloro-3-methylphenol	930	ug/Kg	U
SEE10071415ARM1	10/7/2010	4-Chloro-3-methylphenol	920	ug/Kg	U
SEE10170915JDF1	10/17/2010	4-Chloro-3-methylphenol	910	ug/Kg	U
SEE09291135JDF1	9/29/2010	4-Chloro-3-methylphenol	910	ug/Kg	U
SEE10191005JDF1	10/19/2010	4-Chloro-3-methylphenol	880	ug/Kg	U
SEE10211430JDF1	10/21/2010	4-Chloro-3-methylphenol	860	ug/Kg	U
SEE10071151RCM1	10/7/2010	4-Chloro-3-methylphenol	840	ug/Kg	U
SEE10221110JDF1	10/22/2010	4-Chloro-3-methylphenol	830	ug/Kg	U
SEE10221110JDF1	10/22/2010	4-Chloro-3-methylphenol	830	ug/Kg	U
SEE10191515JDF1	10/19/2010	4-Chloro-3-methylphenol	820	ug/Kg	U
SEE08300920JRP1	8/30/2010	4-Chloro-3-methylphenol	810	ug/Kg	U

**TABLE B-2b**  
**Upstream Sediment Samples (Morrow Lake)**

Sample ID	Sample Date	Analyte	Result	Unit	Data Qualifier
SEE10191415JDF1	10/19/2010	4-Chloro-3-methylphenol	790	ug/Kg	U
SEE10191155JDF1	10/19/2010	4-Chloro-3-methylphenol	780	ug/Kg	U
SEE10211010JWP1	10/21/2010	4-Chloro-3-methylphenol	770	ug/Kg	U
SEE09051500MHS1	9/5/2010	4-Chloro-3-methylphenol	750	ug/Kg	U
SEE10191100JDF1	10/19/2010	4-Chloro-3-methylphenol	740	ug/Kg	U
SEE10141025ARM1	10/14/2010	4-Chloro-3-methylphenol	730	ug/Kg	U
SEE10221055DWS1	10/22/2010	4-Chloro-3-methylphenol	710	ug/Kg	U
SEE08281630RCM1	8/28/2010	4-Chloro-3-methylphenol	710	ug/kg	U
SEE08281607TWH1	8/28/2010	4-Chloro-3-methylphenol	700	ug/kg	U
SEE10191010JWP1	10/19/2010	4-Chloro-3-methylphenol	690	ug/Kg	U
SEE10091200ARM1	10/9/2010	4-Chloro-3-methylphenol	650	ug/Kg	UJ
SEE09130915JRP1	9/13/2010	4-Chloro-3-methylphenol	650	ug/Kg	U
SEE08281505PML1	8/28/2010	4-Chloro-3-methylphenol	620	ug/kg	U
SEE08271215PML1	8/27/2010	4-Chloro-3-methylphenol	610	ug/kg	U
SEE08271614TWH1	8/27/2010	4-Chloro-3-methylphenol	590	ug/kg	U
SEE09061610JAW1	9/6/2010	4-Chloro-3-methylphenol	570	ug/Kg	U
SEE10051415ARM1	10/5/2010	4-Chloro-3-methylphenol	560	ug/Kg	U
SEE08271500PML1	8/27/2010	4-Chloro-3-methylphenol	560	ug/kg	U
SEE10171535ARM1	10/17/2010	4-Chloro-3-methylphenol	540	ug/Kg	U
SEE08261700JRP1	8/26/2010	4-Chloro-3-methylphenol	530	ug/Kg	U
SEE09100945RCM1	9/10/2010	4-Chloro-3-methylphenol	520	ug/Kg	UJ
SEE08301410JRP1	8/30/2010	4-Chloro-3-methylphenol	510	ug/Kg	U
SEE10011125ARM1	10/1/2010	4-Chloro-3-methylphenol	500	ug/Kg	U
SEE08291110PML1	8/29/2010	4-Chloro-3-methylphenol	500	ug/kg	U
SEE09211120ARM1	9/21/2010	4-Chloro-3-methylphenol	490	ug/Kg	U
SEE09201110ARM1	9/20/2010	4-Chloro-3-methylphenol	490	ug/Kg	U
SEE08281420TWH1	8/28/2010	4-Chloro-3-methylphenol	490	ug/kg	U
SEE08281215PML1	8/28/2010	4-Chloro-3-methylphenol	480	ug/kg	U
SEE10081035ARM1	10/8/2010	4-Chloro-3-methylphenol	470	ug/Kg	U
SEE09171200ARM1	9/17/2010	4-Chloro-3-methylphenol	470	ug/Kg	U
SEF10011045TDF1	10/1/2010	4-Chloro-3-methylphenol	460	ug/Kg	U
SEE09290915MAE1	9/29/2010	4-Chloro-3-methylphenol	460	ug/Kg	U
SEE09200911RCM1	9/20/2010	4-Chloro-3-methylphenol	460	ug/Kg	U
SEE09140945JRP1	9/14/2010	4-Chloro-3-methylphenol	460	ug/Kg	U
SEE08281510TWH1	8/28/2010	4-Chloro-3-methylphenol	460	ug/kg	U
SEE09271500ARM1	9/27/2010	4-Chloro-3-methylphenol	450	ug/Kg	U
SEE09231205RCM1	9/23/2010	4-Chloro-3-methylphenol	450	ug/Kg	U
SEE09281445RCM1	9/28/2010	4-Chloro-3-methylphenol	440	ug/Kg	U
SEE09251235ARM1	9/25/2010	4-Chloro-3-methylphenol	440	ug/Kg	U
SEE09150915JRP1	9/15/2010	4-Chloro-3-methylphenol	440	ug/Kg	U
SEE09070930JRP1	9/7/2010	4-Chloro-3-methylphenol	440	ug/Kg	U
SEE08301100JRP1	8/30/2010	4-Chloro-3-methylphenol	440	ug/Kg	U
SEF10081108TDF3	10/8/2010	4-Chloro-3-methylphenol	430	ug/Kg	U
SEE10071045ARM1	10/7/2010	4-Chloro-3-methylphenol	430	ug/Kg	U
SEE10041045ARM1	10/4/2010	4-Chloro-3-methylphenol	430	ug/Kg	U
SEE10011043RCM1	10/1/2010	4-Chloro-3-methylphenol	430	ug/Kg	U
SEE09231035ARM1	9/23/2010	4-Chloro-3-methylphenol	430	ug/Kg	U
SEE09170935RCM1	9/17/2010	4-Chloro-3-methylphenol	430	ug/Kg	U
SEE08291421KAP1	8/29/2010	4-Chloro-3-methylphenol	430	ug/kg	U
SEE08271652TWH1	8/27/2010	4-Chloro-3-methylphenol	430	ug/kg	U
SEF10151030PMB3	10/15/2010	4-Chloro-3-methylphenol	420	ug/Kg	U
SEF10121130PMB3	10/12/2010	4-Chloro-3-methylphenol	420	ug/Kg	U
SEF10051206TDF3	10/5/2010	4-Chloro-3-methylphenol	420	ug/Kg	U
SEE09100920JRP1	9/10/2010	4-Chloro-3-methylphenol	420	ug/Kg	UJ
SEE09051500JAW1	9/5/2010	4-Chloro-3-methylphenol	420	ug/Kg	U
SEB09011143JLS1	9/1/2010	4-Chloro-3-methylphenol	420	ug/Kg	U
SEE10061135ARM1	10/6/2010	4-Chloro-3-methylphenol	410	ug/Kg	U
SEE10131035ARM1	10/13/2010	4-Chloro-3-methylphenol	400	ug/Kg	U
SEE10051145RCM1	10/5/2010	4-Chloro-3-methylphenol	400	ug/Kg	U
SEE09301025MAE1	9/30/2010	4-Chloro-3-methylphenol	400	ug/Kg	U

**TABLE B-2b**  
**Upstream Sediment Samples (Morrow Lake)**

Sample ID	Sample Date	Analyte	Result	Unit	Data Qualifier
SEE09221045ARM1	9/22/2010	4-Chloro-3-methylphenol	400	ug/Kg	U
SEE09080930JRP1	9/8/2010	4-Chloro-3-methylphenol	400	ug/Kg	U
SEE09011515JAW1	9/1/2010	4-Chloro-3-methylphenol	400	ug/Kg	U
SEE10221450DWS1	10/22/2010	4-Chloro-3-methylphenol	390	ug/Kg	U
SEE10121040ARM1	10/12/2010	4-Chloro-3-methylphenol	390	ug/Kg	U
SEF09281139TDF1	9/28/2010	4-Chloro-3-methylphenol	390	ug/Kg	U
SEE10181030JWP1	10/18/2010	4-Chloro-3-methylphenol	370	ug/Kg	U
SEE08291550KAP1	8/29/2010	4-Chloro-3-methylphenol	350	ug/kg	U
SEE10211345JWP1	10/21/2010	4-Chloro-3-methylphenol	330	ug/Kg	U
SEE08291354KAP1	8/29/2010	4-Chloro-3-methylphenol	280	ug/kg	U
SEF10221050MAE3	10/22/2010	4-Chloro-3-methylphenol	240	ug/Kg	U
SEF10191135NAC3	10/19/2010	4-Chloro-3-methylphenol	240	ug/Kg	U
SEE08291445PML1	8/29/2010	4-Chloro-3-methylphenol	230	ug/kg	U
SEE10191115JWP1	10/19/2010	4-Chloro-3-methylphenol	210	ug/Kg	U
SEE08271445JRP1	8/27/2010	4-Chloro-3-methylphenol	190	ug/kg	U
SEE08271536TWH1	8/27/2010	4-Chloro-3-methylphenol	190	ug/kg	U
SEB08281400JLS1	8/28/2010	4-Chloro-3-methylphenol	180	ug/kg	U
SEE08281540JRP1	8/28/2010	4-Chloro-3-methylphenol	180	ug/kg	U
ML-07-S-081810	8/18/2010	4-Chloro-3-methylphenol	0.37	mg/Kg	UJ
ML-06-S-082310	8/23/2010	4-Chloro-3-methylphenol	0.33	mg/Kg	U
ML-04-S-081710	8/17/2010	4-Chloro-3-methylphenol	0.32	mg/Kg	U
ML-04-S-082610	8/26/2010	4-Chloro-3-methylphenol	0.31	mg/Kg	U
ML-03-S-082310	8/23/2010	4-Chloro-3-methylphenol	0.31	mg/Kg	U
ML-10-S-081910	8/19/2010	4-Chloro-3-methylphenol	0.31	mg/Kg	U
ML-10-S-081910	8/19/2010	4-Chloro-3-methylphenol	0.31	mg/Kg	U
ML-09-S-081810	8/18/2010	4-Chloro-3-methylphenol	0.31	mg/Kg	UJ
ML-06-S-081710	8/17/2010	4-Chloro-3-methylphenol	0.31	mg/Kg	U
ML-10-S-082610	8/26/2010	4-Chloro-3-methylphenol	0.30	mg/Kg	U
ML-10-S-082610	8/26/2010	4-Chloro-3-methylphenol	0.30	mg/Kg	U
ML-05-S-082310	8/23/2010	4-Chloro-3-methylphenol	0.28	mg/Kg	U
ML-01-S-081910	8/19/2010	4-Chloro-3-methylphenol	0.27	mg/Kg	U
ML-05-S-081710	8/17/2010	4-Chloro-3-methylphenol	0.26	mg/Kg	U
ML-02-S-082310	8/23/2010	4-Chloro-3-methylphenol	0.25	mg/Kg	U
ML-02-S-081710	8/17/2010	4-Chloro-3-methylphenol	0.24	mg/Kg	U
ML-06-S-082510	8/25/2010	4-Chloro-3-methylphenol	0.18	mg/Kg	U
ML-07-S-082410	8/24/2010	4-Chloro-3-methylphenol	0.18	mg/Kg	UJ
ML-07-S-082110	8/21/2010	4-Chloro-3-methylphenol	0.18	mg/Kg	U
ML-05-S-082610	8/26/2010	4-Chloro-3-methylphenol	0.17	mg/Kg	U
ML-07-S-082510	8/25/2010	4-Chloro-3-methylphenol	0.17	mg/Kg	U
ML-08-S-082110	8/21/2010	4-Chloro-3-methylphenol	0.17	mg/Kg	U
ML-07-S-081610	8/16/2010	4-Chloro-3-methylphenol	0.17	mg/Kg	U
ML-08-S-081610	8/16/2010	4-Chloro-3-methylphenol	0.17	mg/Kg	U
ML-08-S-082510	8/25/2010	4-Chloro-3-methylphenol	0.16	mg/Kg	U
ML-08-S-082410	8/24/2010	4-Chloro-3-methylphenol	0.16	mg/Kg	UJ
ML-06-S-082010	8/20/2010	4-Chloro-3-methylphenol	0.16	mg/Kg	U
ML-01-S-081610	8/16/2010	4-Chloro-3-methylphenol	0.16	mg/Kg	U
ML-01-S-082510	8/25/2010	4-Chloro-3-methylphenol	0.15	mg/Kg	U
ML-09-S-082510	8/25/2010	4-Chloro-3-methylphenol	0.15	mg/Kg	U
ML-04-S-082410	8/24/2010	4-Chloro-3-methylphenol	0.15	mg/Kg	UJ
ML-10-S-082410	8/24/2010	4-Chloro-3-methylphenol	0.15	mg/Kg	UJ
ML-10-S-082410	8/24/2010	4-Chloro-3-methylphenol	0.15	mg/Kg	UJ
ML-09-S-082110	8/21/2010	4-Chloro-3-methylphenol	0.15	mg/Kg	U
ML-10-S-082110	8/21/2010	4-Chloro-3-methylphenol	0.15	mg/Kg	U
ML-10-S-082110	8/21/2010	4-Chloro-3-methylphenol	0.15	mg/Kg	U
ML-05-S-082010	8/20/2010	4-Chloro-3-methylphenol	0.15	mg/Kg	U
ML-10-S-081610	8/16/2010	4-Chloro-3-methylphenol	0.15	mg/Kg	U
ML-10-S-081610	8/16/2010	4-Chloro-3-methylphenol	0.15	mg/Kg	U
ML-02-S-082510	8/25/2010	4-Chloro-3-methylphenol	0.14	mg/Kg	U
ML-09-S-082410	8/24/2010	4-Chloro-3-methylphenol	0.14	mg/Kg	UJ
ML-01-S-082110	8/21/2010	4-Chloro-3-methylphenol	0.14	mg/Kg	U

**TABLE B-2b**  
**Upstream Sediment Samples (Morrow Lake)**

Sample ID	Sample Date	Analyte	Result	Unit	Data Qualifier
ML-03-S-082510	8/25/2010	4-Chloro-3-methylphenol	0.13	mg/Kg	U
ML-02-S-082010	8/20/2010	4-Chloro-3-methylphenol	0.13	mg/Kg	U
ML-03-S-082010	8/20/2010	4-Chloro-3-methylphenol	0.13	mg/Kg	U
ML-04-S-082010	8/20/2010	4-Chloro-3-methylphenol	0.13	mg/Kg	U
ML-03-S-081610	8/16/2010	4-Chloro-3-methylphenol	0.12	mg/Kg	U
SEE09051430PML1	9/5/2010	4-Chloroaniline	12000	ug/Kg	U
SEE09011635PML1	9/1/2010	4-Chloroaniline	12000	ug/Kg	U
SEE10211035JDF1	10/21/2010	4-Chloroaniline	4000	ug/Kg	UJ
SEE10051125PML1	10/5/2010	4-Chloroaniline	3700	ug/Kg	U
SEE09061500PML1	9/6/2010	4-Chloroaniline	3700	ug/Kg	U
SEE09021400PML1	9/2/2010	4-Chloroaniline	3700	ug/Kg	U
SEE08301130PML1	8/30/2010	4-Chloroaniline	3700	ug/Kg	U
SEE10211430JDF1	10/21/2010	4-Chloroaniline	3600	ug/Kg	U
SEE10191005JDF1	10/19/2010	4-Chloroaniline	3600	ug/Kg	U
SEE09301105JDF1	9/30/2010	4-Chloroaniline	3600	ug/Kg	U
SEE10171410JDF1	10/17/2010	4-Chloroaniline	3500	ug/Kg	U
SEE09181235PML1	9/18/2010	4-Chloroaniline	3500	ug/Kg	U
SEE09101022PML1	9/10/2010	4-Chloroaniline	3500	ug/Kg	U
SEE09011545PML1	9/1/2010	4-Chloroaniline	3500	ug/Kg	U
SEE10221110JDF1	10/22/2010	4-Chloroaniline	3400	ug/Kg	U
SEE10221110JDF1	10/22/2010	4-Chloroaniline	3400	ug/Kg	U
SEE10191515JDF1	10/19/2010	4-Chloroaniline	3400	ug/Kg	U
SEE10131150JDF1	10/13/2010	4-Chloroaniline	3400	ug/Kg	U
SEE10081115PML1	10/8/2010	4-Chloroaniline	3400	ug/Kg	U
SEE09301255JDF1	9/30/2010	4-Chloroaniline	3400	ug/Kg	U
SEE09231645JDF1	9/23/2010	4-Chloroaniline	3400	ug/Kg	U
SEE09141135PML1	9/14/2010	4-Chloroaniline	3400	ug/Kg	U
SEE09121105RCM1	9/12/2010	4-Chloroaniline	3400	ug/Kg	U
SEE09101215PML1	9/10/2010	4-Chloroaniline	3400	ug/Kg	U
SEE09091410RCM1	9/9/2010	4-Chloroaniline	3400	ug/Kg	U
SEE09081020RCM1	9/8/2010	4-Chloroaniline	3400	ug/Kg	U
SEE09031645MHS1	9/3/2010	4-Chloroaniline	3400	ug/Kg	U
SEE09011545MHS1	9/1/2010	4-Chloroaniline	3400	ug/Kg	U
SEE08311420PML1	8/31/2010	4-Chloroaniline	3400	ug/Kg	U
SEE08311420PML1	8/31/2010	4-Chloroaniline	3400	ug/Kg	U
SEE10191415JDF1	10/19/2010	4-Chloroaniline	3300	ug/Kg	U
SEE10091401PML1	10/9/2010	4-Chloroaniline	3300	ug/Kg	U
SEE09121436RCM1	9/12/2010	4-Chloroaniline	3300	ug/Kg	U
SEE09051550MHS1	9/5/2010	4-Chloroaniline	3300	ug/Kg	U
SEE09030925PML1	9/3/2010	4-Chloroaniline	3300	ug/Kg	U
SEE10211010JWP1	10/21/2010	4-Chloroaniline	3200	ug/Kg	U
SEE10191155JDF1	10/19/2010	4-Chloroaniline	3200	ug/Kg	U
SEE10181035JDF1	10/18/2010	4-Chloroaniline	3200	ug/Kg	U
SEE10091614PML1	10/9/2010	4-Chloroaniline	3200	ug/Kg	U
SEE10051653PML1	10/5/2010	4-Chloroaniline	3200	ug/Kg	U
SEE10041530JDF1	10/4/2010	4-Chloroaniline	3200	ug/Kg	U
SEE09291023RCM1	9/29/2010	4-Chloroaniline	3200	ug/Kg	U
SEE09231210JDF1	9/23/2010	4-Chloroaniline	3200	ug/Kg	U
SEE09141515PML1	9/14/2010	4-Chloroaniline	3200	ug/Kg	U
SEE09131026RCM1	9/13/2010	4-Chloroaniline	3200	ug/Kg	U
SEE09101625PML1	9/10/2010	4-Chloroaniline	3200	ug/Kg	U
SEE09061525MHS1	9/6/2010	4-Chloroaniline	3200	ug/Kg	U
SEE09051130PML1	9/5/2010	4-Chloroaniline	3200	ug/Kg	U
SEE09031100PML1	9/3/2010	4-Chloroaniline	3200	ug/Kg	U
SEE09021010PML1	9/2/2010	4-Chloroaniline	3200	ug/Kg	U
SEE08301550PML1	8/30/2010	4-Chloroaniline	3200	ug/Kg	U
SEE08301638MHS1	8/30/2010	4-Chloroaniline	3200	ug/Kg	U
SEE10181510JDF1	10/18/2010	4-Chloroaniline	3100	ug/Kg	U
SEE10181510JDF1	10/18/2010	4-Chloroaniline	3100	ug/Kg	U
SEE10171115JDF1	10/17/2010	4-Chloroaniline	3100	ug/Kg	U

**TABLE B-2b**  
**Upstream Sediment Samples (Morrow Lake)**

Sample ID	Sample Date	Analyte	Result	Unit	Data Qualifier
SEE10141015JDF1	10/14/2010	4-Chloroaniline	3100	ug/Kg	U
SEE10101215PML1	10/10/2010	4-Chloroaniline	3100	ug/Kg	U
SEE10101215PML1	10/10/2010	4-Chloroaniline	3100	ug/Kg	U
SEE10061205PML1	10/6/2010	4-Chloroaniline	3100	ug/Kg	U
SEE10031115JDF1	10/3/2010	4-Chloroaniline	3100	ug/Kg	U
SEE10031115JDF1	10/3/2010	4-Chloroaniline	3100	ug/Kg	U
SEE09220935RCM1	9/22/2010	4-Chloroaniline	3100	ug/Kg	U
SEE09191445RCM1	9/19/2010	4-Chloroaniline	3100	ug/Kg	U
SEE09171415PML1	9/17/2010	4-Chloroaniline	3100	ug/Kg	U
SEE09161045PML1	9/16/2010	4-Chloroaniline	3100	ug/Kg	U
SEE09140945PML1	9/14/2010	4-Chloroaniline	3100	ug/Kg	U
SEE09131445RCM1	9/13/2010	4-Chloroaniline	3100	ug/Kg	U
SEE09131505PML1	9/13/2010	4-Chloroaniline	3100	ug/Kg	U
SEE09081205PML1	9/8/2010	4-Chloroaniline	3100	ug/Kg	U
SEE09071050PML1	9/7/2010	4-Chloroaniline	3100	ug/Kg	U
SEE08301145MHS1	8/30/2010	4-Chloroaniline	3100	ug/Kg	U
SEE10191100JDF1	10/19/2010	4-Chloroaniline	3000	ug/Kg	U
SEE10141150JDF1	10/14/2010	4-Chloroaniline	3000	ug/Kg	U
SEE10141555ARM1	10/14/2010	4-Chloroaniline	3000	ug/Kg	U
SEE10101010PML1	10/10/2010	4-Chloroaniline	3000	ug/Kg	U
SEE10081051RCM1	10/8/2010	4-Chloroaniline	3000	ug/Kg	U
SEE10061051RCM1	10/6/2010	4-Chloroaniline	3000	ug/Kg	U
SEE10041138RCM1	10/4/2010	4-Chloroaniline	3000	ug/Kg	U
SEE09261625JDF1	9/26/2010	4-Chloroaniline	3000	ug/Kg	U
SEE09261625JDF1	9/26/2010	4-Chloroaniline	3000	ug/Kg	U
SEE09251135JDF1	9/25/2010	4-Chloroaniline	3000	ug/Kg	U
SEE09200945PML1	9/20/2010	4-Chloroaniline	3000	ug/Kg	U
SEE09200945PML1	9/20/2010	4-Chloroaniline	3000	ug/Kg	U
SEE09191040PML1	9/19/2010	4-Chloroaniline	3000	ug/Kg	U
SEE09191530PML1	9/19/2010	4-Chloroaniline	3000	ug/Kg	U
SEE09181705PML1	9/18/2010	4-Chloroaniline	3000	ug/Kg	U
SEE09170839RCM1	9/17/2010	4-Chloroaniline	3000	ug/Kg	U
SEE09151145PML1	9/15/2010	4-Chloroaniline	3000	ug/Kg	U
SEE09151145PML1	9/15/2010	4-Chloroaniline	3000	ug/Kg	U
SEE09121055PML1	9/12/2010	4-Chloroaniline	3000	ug/Kg	U
SEE09121055PML1	9/12/2010	4-Chloroaniline	3000	ug/Kg	U
SEE09091005RCM1	9/9/2010	4-Chloroaniline	3000	ug/Kg	U
SEE09091515PML1	9/9/2010	4-Chloroaniline	3000	ug/Kg	U
SEE09081010PML1	9/8/2010	4-Chloroaniline	3000	ug/Kg	U
SEE09061105PML1	9/6/2010	4-Chloroaniline	3000	ug/Kg	U
SEE09031140MHS1	9/3/2010	4-Chloroaniline	3000	ug/Kg	U
SEE09031650PML1	9/3/2010	4-Chloroaniline	3000	ug/Kg	U
SEE09031650PML1	9/3/2010	4-Chloroaniline	3000	ug/Kg	U
SEE08311045PML1	8/31/2010	4-Chloroaniline	3000	ug/Kg	U
SEE10221055DWS1	10/22/2010	4-Chloroaniline	2900	ug/Kg	U
SEE10181210JDF1	10/18/2010	4-Chloroaniline	2900	ug/Kg	U
SEE10161530JDF1	10/16/2010	4-Chloroaniline	2900	ug/Kg	U
SEE10150945JDF1	10/15/2010	4-Chloroaniline	2900	ug/Kg	U
SEE10141550JDF1	10/14/2010	4-Chloroaniline	2900	ug/Kg	U
SEE10141550JDF1	10/14/2010	4-Chloroaniline	2900	ug/Kg	U
SEE10120930JDF1	10/12/2010	4-Chloroaniline	2900	ug/Kg	U
SEE10121155JDF1	10/12/2010	4-Chloroaniline	2900	ug/Kg	U
SEE10081231PML1	10/8/2010	4-Chloroaniline	2900	ug/Kg	U
SEE10071042RCM1	10/7/2010	4-Chloroaniline	2900	ug/Kg	U
SEE10071101PML1	10/7/2010	4-Chloroaniline	2900	ug/Kg	U
SEE10011120JDF1	10/1/2010	4-Chloroaniline	2900	ug/Kg	U
SEE09260930RCM1	9/26/2010	4-Chloroaniline	2900	ug/Kg	U
SEE09261215JDF1	9/26/2010	4-Chloroaniline	2900	ug/Kg	U
SEE09230955RCM1	9/23/2010	4-Chloroaniline	2900	ug/Kg	U
SEE09221440JDF1	9/22/2010	4-Chloroaniline	2900	ug/Kg	U



**TABLE B-2b**  
**Upstream Sediment Samples (Morrow Lake)**

Sample ID	Sample Date	Analyte	Result	Unit	Data Qualifier
SEE09151015PML1	9/15/2010	4-Chloroaniline	2900	ug/Kg	U
SEE09111015PML1	9/11/2010	4-Chloroaniline	2900	ug/Kg	U
SEE09011050PML1	9/1/2010	4-Chloroaniline	2900	ug/Kg	U
SEE10191010JWP1	10/19/2010	4-Chloroaniline	2800	ug/Kg	U
SEE10181430JWP1	10/18/2010	4-Chloroaniline	2800	ug/Kg	U
SEE10161115ARM1	10/16/2010	4-Chloroaniline	2800	ug/Kg	U
SEE10061640PML1	10/6/2010	4-Chloroaniline	2800	ug/Kg	U
SEE10061640PML1	10/6/2010	4-Chloroaniline	2800	ug/Kg	U
SEE10041150JDF1	10/4/2010	4-Chloroaniline	2800	ug/Kg	U
SEE09301205RCM1	9/30/2010	4-Chloroaniline	2800	ug/Kg	U
SEE09211155JDF1	9/21/2010	4-Chloroaniline	2800	ug/Kg	U
SEE09201115RCM1	9/20/2010	4-Chloroaniline	2800	ug/Kg	U
SEE09171445RCM1	9/17/2010	4-Chloroaniline	2800	ug/Kg	U
SEE09161035RCM1	9/16/2010	4-Chloroaniline	2800	ug/Kg	U
SEE09121450PML1	9/12/2010	4-Chloroaniline	2800	ug/Kg	U
SEE09040950PML1	9/4/2010	4-Chloroaniline	2800	ug/Kg	U
SEE08301520JRP1	8/30/2010	4-Chloroaniline	2800	ug/Kg	U
SEE10111125JDF1	10/11/2010	4-Chloroaniline	2700	ug/Kg	U
SEE10031425JDF1	10/3/2010	4-Chloroaniline	2700	ug/Kg	U
SEE09291035JDF1	9/29/2010	4-Chloroaniline	2700	ug/Kg	U
SEE09271130JDF1	9/27/2010	4-Chloroaniline	2700	ug/Kg	U
SEE09250905RCM1	9/25/2010	4-Chloroaniline	2700	ug/Kg	U
SEE09211530JDF1	9/21/2010	4-Chloroaniline	2700	ug/Kg	U
SEE09131125PML1	9/13/2010	4-Chloroaniline	2700	ug/Kg	U
SEE09131620PML1	9/13/2010	4-Chloroaniline	2700	ug/Kg	U
SEE09091145PML1	9/9/2010	4-Chloroaniline	2700	ug/Kg	U
SEE09091605PML1	9/9/2010	4-Chloroaniline	2700	ug/Kg	U
SEE09061130MHS1	9/6/2010	4-Chloroaniline	2700	ug/Kg	U
SEE09041350PML1	9/4/2010	4-Chloroaniline	2700	ug/Kg	U
SEE09011255PML1	9/1/2010	4-Chloroaniline	2700	ug/Kg	U
SEE08261445JRP1	8/26/2010	4-Chloroaniline	2700	ug/Kg	U
SEE09170945PML1	9/17/2010	4-Chloroaniline	2600	ug/Kg	U
SEE09171125PML1	9/17/2010	4-Chloroaniline	2600	ug/Kg	U
SEE09091410PML1	9/9/2010	4-Chloroaniline	2600	ug/Kg	U
SEE09051015PML1	9/5/2010	4-Chloroaniline	2600	ug/Kg	U
SEE08301445JRP1	8/30/2010	4-Chloroaniline	2600	ug/Kg	U
SEE10161055JDF1	10/16/2010	4-Chloroaniline	2500	ug/Kg	U
SEE10161415JDF1	10/16/2010	4-Chloroaniline	2500	ug/Kg	U
SEE10121415ARM1	10/12/2010	4-Chloroaniline	2500	ug/Kg	U
SEE10111011JDF1	10/11/2010	4-Chloroaniline	2500	ug/Kg	U
SEE10071205PML1	10/7/2010	4-Chloroaniline	2500	ug/Kg	U
SEE10071540PML1	10/7/2010	4-Chloroaniline	2500	ug/Kg	U
SEE09211112RCM1	9/21/2010	4-Chloroaniline	2500	ug/Kg	U
SEE09201645ARM1	9/20/2010	4-Chloroaniline	2500	ug/Kg	U
SEE09130940PML1	9/13/2010	4-Chloroaniline	2500	ug/Kg	U
SEE09031115JAW1	9/3/2010	4-Chloroaniline	2500	ug/Kg	U
SEE08301015JRP1	8/30/2010	4-Chloroaniline	2500	ug/Kg	U
SEE08301530JAW1	8/30/2010	4-Chloroaniline	2500	ug/Kg	U
SEE10151055ARM1	10/15/2010	4-Chloroaniline	2400	ug/Kg	U
SEE10111350JDF1	10/11/2010	4-Chloroaniline	2400	ug/Kg	U
SEE09301255MAE1	9/30/2010	4-Chloroaniline	2400	ug/Kg	U
SEE09290925JDF1	9/29/2010	4-Chloroaniline	2400	ug/Kg	U
SEE09271515JDF1	9/27/2010	4-Chloroaniline	2400	ug/Kg	U
SEE09221105JDF1	9/22/2010	4-Chloroaniline	2400	ug/Kg	U
SEE09221615JDF1	9/22/2010	4-Chloroaniline	2400	ug/Kg	U
SEE09171530PML1	9/17/2010	4-Chloroaniline	2400	ug/Kg	U
SEE09091010PML1	9/9/2010	4-Chloroaniline	2400	ug/Kg	U
SEE09091025JRP1	9/9/2010	4-Chloroaniline	2400	ug/Kg	U
SEE09011145PML1	9/1/2010	4-Chloroaniline	2400	ug/Kg	U
SEE10121030JDF1	10/12/2010	4-Chloroaniline	2300	ug/Kg	U

**TABLE B-2b**  
**Upstream Sediment Samples (Morrow Lake)**

Sample ID	Sample Date	Analyte	Result	Unit	Data Qualifier
SEE10040945JDF1	10/4/2010	4-Chloroaniline	2300	ug/Kg	U
SEE10041050JDF1	10/4/2010	4-Chloroaniline	2300	ug/Kg	U
SEE10041335JDF1	10/4/2010	4-Chloroaniline	2300	ug/Kg	U
SEE09271025ARM1	9/27/2010	4-Chloroaniline	2300	ug/Kg	U
SEE09231130ARM1	9/23/2010	4-Chloroaniline	2300	ug/Kg	U
SEE09291645JDF1	9/29/2010	4-Chloroaniline	2200	ug/Kg	U
SEE09130955JRP1	9/13/2010	4-Chloroaniline	2200	ug/Kg	U
SEE09141312RCM1	9/14/2010	4-Chloroaniline	2100	ug/Kg	U
SEE10151355ARM1	10/15/2010	4-Chloroaniline	1900	ug/Kg	U
SEE10071415ARM1	10/7/2010	4-Chloroaniline	1900	ug/Kg	U
SEE10041355ARM1	10/4/2010	4-Chloroaniline	1900	ug/Kg	U
SEE09291135JDF1	9/29/2010	4-Chloroaniline	1900	ug/Kg	U
SEE09090900JRP1	9/9/2010	4-Chloroaniline	1900	ug/Kg	U
SEE08311010JRP1	8/31/2010	4-Chloroaniline	1900	ug/Kg	U
SEE08311348MHS1	8/31/2010	4-Chloroaniline	1900	ug/Kg	U
SEE10170915JDF1	10/17/2010	4-Chloroaniline	1800	ug/Kg	U
SEE10071151RCM1	10/7/2010	4-Chloroaniline	1700	ug/Kg	U
SEE08300920JRP1	8/30/2010	4-Chloroaniline	1700	ug/Kg	U
SEE10221450DWS1	10/22/2010	4-Chloroaniline	1600	ug/Kg	U
SEE08271145RCM1	8/27/2010	4-Chloroaniline	1600	ug/kg	U
SEE10141025ARM1	10/14/2010	4-Chloroaniline	1500	ug/Kg	U
SEE09051500MHS1	9/5/2010	4-Chloroaniline	1500	ug/Kg	U
SEE10211345JWP1	10/21/2010	4-Chloroaniline	1400	ug/Kg	U
SEE08261620RCM1	8/26/2010	4-Chloroaniline	1400	ug/kg	U
SEE10091200ARM1	10/9/2010	4-Chloroaniline	1300	ug/Kg	U
SEE09130915JRP1	9/13/2010	4-Chloroaniline	1300	ug/Kg	U
SEE09061610JAW1	9/6/2010	4-Chloroaniline	1200	ug/Kg	U
SEE08261420RCM1	8/26/2010	4-Chloroaniline	1200	ug/kg	U
SEE10171535ARM1	10/17/2010	4-Chloroaniline	1100	ug/Kg	U
SEE10051415ARM1	10/5/2010	4-Chloroaniline	1100	ug/Kg	U
SEE08261700JRP1	8/26/2010	4-Chloroaniline	1100	ug/Kg	U
SEF10221050MAE3	10/22/2010	4-Chloroaniline	1000	ug/Kg	U
SEE10011125ARM1	10/1/2010	4-Chloroaniline	1000	ug/Kg	U
SEE09100945RCM1	9/10/2010	4-Chloroaniline	1000	ug/Kg	U
SEE08301410JRP1	8/30/2010	4-Chloroaniline	1000	ug/Kg	U
SEE09211120ARM1	9/21/2010	4-Chloroaniline	990	ug/Kg	U
SEE09201110ARM1	9/20/2010	4-Chloroaniline	990	ug/Kg	U
SEF10191135NAC3	10/19/2010	4-Chloroaniline	980	ug/Kg	U
SEE09171200ARM1	9/17/2010	4-Chloroaniline	950	ug/Kg	U
SEE10081035ARM1	10/8/2010	4-Chloroaniline	940	ug/Kg	U
SEE09140945JRP1	9/14/2010	4-Chloroaniline	940	ug/Kg	U
SEF10011045TDF1	10/1/2010	4-Chloroaniline	930	ug/Kg	U
SEE09290915MAE1	9/29/2010	4-Chloroaniline	930	ug/Kg	U
SEE09200911RCM1	9/20/2010	4-Chloroaniline	930	ug/Kg	U
SEE09271500ARM1	9/27/2010	4-Chloroaniline	910	ug/Kg	U
SEE09231205RCM1	9/23/2010	4-Chloroaniline	910	ug/Kg	U
SEE09251235ARM1	9/25/2010	4-Chloroaniline	900	ug/Kg	U
SEE09150915JRP1	9/15/2010	4-Chloroaniline	900	ug/Kg	U
SEE09281445RCM1	9/28/2010	4-Chloroaniline	890	ug/Kg	U
SEE09070930JRP1	9/7/2010	4-Chloroaniline	890	ug/Kg	U
SEE08301100JRP1	8/30/2010	4-Chloroaniline	890	ug/Kg	U
SEF10081108TDF3	10/8/2010	4-Chloroaniline	880	ug/Kg	U
SEE10071045ARM1	10/7/2010	4-Chloroaniline	880	ug/Kg	U
SEE10041045ARM1	10/4/2010	4-Chloroaniline	880	ug/Kg	U
SEE10191115JWP1	10/19/2010	4-Chloroaniline	870	ug/Kg	U
SEE10011043RCM1	10/1/2010	4-Chloroaniline	870	ug/Kg	U
SEE09231035ARM1	9/23/2010	4-Chloroaniline	870	ug/Kg	U
SEE09170935RCM1	9/17/2010	4-Chloroaniline	870	ug/Kg	U
SEF10051206TDF3	10/5/2010	4-Chloroaniline	860	ug/Kg	U
SEB09011143JLS1	9/1/2010	4-Chloroaniline	860	ug/Kg	U

**TABLE B-2b**  
**Upstream Sediment Samples (Morrow Lake)**

Sample ID	Sample Date	Analyte	Result	Unit	Data Qualifier
SEF10151030PMB3	10/15/2010	4-Chloroaniline	850	ug/Kg	U
SEF10121130PMB3	10/12/2010	4-Chloroaniline	850	ug/Kg	U
SEE09100920JRP1	9/10/2010	4-Chloroaniline	850	ug/Kg	U
SEE09051500JAW1	9/5/2010	4-Chloroaniline	850	ug/Kg	U
SEE10061135ARM1	10/6/2010	4-Chloroaniline	830	ug/Kg	U
SEE08281607TWH1	8/28/2010	4-Chloroaniline	830	ug/kg	U
SEE08281630RCM1	8/28/2010	4-Chloroaniline	830	ug/kg	U
SEE10131035ARM1	10/13/2010	4-Chloroaniline	820	ug/Kg	U
SEE09221045ARM1	9/22/2010	4-Chloroaniline	820	ug/Kg	U
SEE09080930JRP1	9/8/2010	4-Chloroaniline	820	ug/Kg	U
SEE09011515JAW1	9/1/2010	4-Chloroaniline	820	ug/Kg	U
SEE10051145RCM1	10/5/2010	4-Chloroaniline	810	ug/Kg	U
SEE09301025MAE1	9/30/2010	4-Chloroaniline	810	ug/Kg	U
SEE10121040ARM1	10/12/2010	4-Chloroaniline	790	ug/Kg	U
SEF09281139TDF1	9/28/2010	4-Chloroaniline	780	ug/Kg	U
SEE10181030JWP1	10/18/2010	4-Chloroaniline	750	ug/Kg	U
SEE08281505PML1	8/28/2010	4-Chloroaniline	730	ug/kg	U
SEE08271215PML1	8/27/2010	4-Chloroaniline	720	ug/kg	U
SEE08271614TWH1	8/27/2010	4-Chloroaniline	690	ug/kg	U
SEE08271500PML1	8/27/2010	4-Chloroaniline	660	ug/kg	U
SEE08291110PML1	8/29/2010	4-Chloroaniline	590	ug/kg	U
SEE08281215PML1	8/28/2010	4-Chloroaniline	570	ug/kg	U
SEE08281420TWH1	8/28/2010	4-Chloroaniline	570	ug/kg	U
SEE08281510TWH1	8/28/2010	4-Chloroaniline	540	ug/kg	U
SEE08291421KAP1	8/29/2010	4-Chloroaniline	510	ug/kg	U
SEE08271652TWH1	8/27/2010	4-Chloroaniline	500	ug/kg	U
SEE08291550KAP1	8/29/2010	4-Chloroaniline	410	ug/kg	U
SEE08291354KAP1	8/29/2010	4-Chloroaniline	330	ug/kg	U
SEE08291445PML1	8/29/2010	4-Chloroaniline	270	ug/kg	U
SEE08271445JRP1	8/27/2010	4-Chloroaniline	230	ug/kg	U
SEE08271536TWH1	8/27/2010	4-Chloroaniline	220	ug/kg	U
SEB08281400JLS1	8/28/2010	4-Chloroaniline	210	ug/kg	U
SEE08281540JRP1	8/28/2010	4-Chloroaniline	210	ug/kg	U
ML-07-S-081810	8/18/2010	4-Chloroaniline	1.5	mg/Kg	UJ
ML-06-S-082310	8/23/2010	4-Chloroaniline	1.3	mg/Kg	U
ML-04-S-081710	8/17/2010	4-Chloroaniline	1.3	mg/Kg	U
ML-04-S-082610	8/26/2010	4-Chloroaniline	1.2	mg/Kg	U
ML-10-S-082610	8/26/2010	4-Chloroaniline	1.2	mg/Kg	U
ML-10-S-082610	8/26/2010	4-Chloroaniline	1.2	mg/Kg	U
ML-03-S-082310	8/23/2010	4-Chloroaniline	1.2	mg/Kg	U
ML-10-S-081910	8/19/2010	4-Chloroaniline	1.2	mg/Kg	U
ML-10-S-081910	8/19/2010	4-Chloroaniline	1.2	mg/Kg	U
ML-09-S-081810	8/18/2010	4-Chloroaniline	1.2	mg/Kg	UJ
ML-06-S-081710	8/17/2010	4-Chloroaniline	1.2	mg/Kg	U
ML-05-S-082310	8/23/2010	4-Chloroaniline	1.1	mg/Kg	U
ML-01-S-081910	8/19/2010	4-Chloroaniline	1.1	mg/Kg	U
ML-02-S-082310	8/23/2010	4-Chloroaniline	1.0	mg/Kg	U
ML-05-S-081710	8/17/2010	4-Chloroaniline	1.0	mg/Kg	U
ML-02-S-081710	8/17/2010	4-Chloroaniline	0.97	mg/Kg	UJ
ML-07-S-082110	8/21/2010	4-Chloroaniline	0.72	mg/Kg	U
ML-07-S-082410	8/24/2010	4-Chloroaniline	0.71	mg/Kg	UJ
ML-05-S-082610	8/26/2010	4-Chloroaniline	0.70	mg/Kg	U
ML-06-S-082510	8/25/2010	4-Chloroaniline	0.70	mg/Kg	U
ML-07-S-081610	8/16/2010	4-Chloroaniline	0.69	mg/Kg	U
ML-07-S-082510	8/25/2010	4-Chloroaniline	0.68	mg/Kg	U
ML-08-S-081610	8/16/2010	4-Chloroaniline	0.67	mg/Kg	U
ML-08-S-082510	8/25/2010	4-Chloroaniline	0.66	mg/Kg	U
ML-08-S-082110	8/21/2010	4-Chloroaniline	0.66	mg/Kg	U
ML-06-S-082010	8/20/2010	4-Chloroaniline	0.66	mg/Kg	U
ML-08-S-082410	8/24/2010	4-Chloroaniline	0.65	mg/Kg	UJ

**TABLE B-2b**  
**Upstream Sediment Samples (Morrow Lake)**

Sample ID	Sample Date	Analyte	Result	Unit	Data Qualifier
ML-01-S-081610	8/16/2010	4-Chloroaniline	0.65	mg/Kg	U
ML-10-S-081610	8/16/2010	4-Chloroaniline	0.62	mg/Kg	U
ML-10-S-081610	8/16/2010	4-Chloroaniline	0.62	mg/Kg	U
ML-04-S-082410	8/24/2010	4-Chloroaniline	0.61	mg/Kg	UJ
ML-10-S-082410	8/24/2010	4-Chloroaniline	0.61	mg/Kg	UJ
ML-10-S-082410	8/24/2010	4-Chloroaniline	0.61	mg/Kg	UJ
ML-09-S-082110	8/21/2010	4-Chloroaniline	0.61	mg/Kg	U
ML-05-S-082010	8/20/2010	4-Chloroaniline	0.61	mg/Kg	U
ML-01-S-082510	8/25/2010	4-Chloroaniline	0.59	mg/Kg	U
ML-09-S-082510	8/25/2010	4-Chloroaniline	0.59	mg/Kg	U
ML-10-S-082110	8/21/2010	4-Chloroaniline	0.59	mg/Kg	U
ML-10-S-082110	8/21/2010	4-Chloroaniline	0.59	mg/Kg	U
ML-09-S-082410	8/24/2010	4-Chloroaniline	0.57	mg/Kg	UJ
ML-01-S-082110	8/21/2010	4-Chloroaniline	0.57	mg/Kg	U
ML-02-S-082510	8/25/2010	4-Chloroaniline	0.56	mg/Kg	U
ML-03-S-082510	8/25/2010	4-Chloroaniline	0.51	mg/Kg	U
ML-02-S-082010	8/20/2010	4-Chloroaniline	0.51	mg/Kg	U
ML-03-S-082010	8/20/2010	4-Chloroaniline	0.51	mg/Kg	U
ML-04-S-082010	8/20/2010	4-Chloroaniline	0.51	mg/Kg	U
ML-03-S-081610	8/16/2010	4-Chloroaniline	0.50	mg/Kg	U
SEE09051430PML1	9/5/2010	4-Chlorophenyl phenyl ether	3000	ug/Kg	U
SEE09011635PML1	9/1/2010	4-Chlorophenyl phenyl ether	3000	ug/Kg	U
SEE08271145RCM1	8/27/2010	4-Chlorophenyl phenyl ether	1600	ug/kg	U
SEE08261620RCM1	8/26/2010	4-Chlorophenyl phenyl ether	1400	ug/kg	U
SEE08261420RCM1	8/26/2010	4-Chlorophenyl phenyl ether	1200	ug/kg	U
SEE10211035JDF1	10/21/2010	4-Chlorophenyl phenyl ether	960	ug/Kg	UJ
SEE10051125PML1	10/5/2010	4-Chlorophenyl phenyl ether	930	ug/Kg	U
SEE09061500PML1	9/6/2010	4-Chlorophenyl phenyl ether	920	ug/Kg	U
SEE09021400PML1	9/2/2010	4-Chlorophenyl phenyl ether	920	ug/Kg	U
SEE09301105JDF1	9/30/2010	4-Chlorophenyl phenyl ether	910	ug/Kg	U
SEE08301130PML1	8/30/2010	4-Chlorophenyl phenyl ether	910	ug/Kg	U
SEE10191005JDF1	10/19/2010	4-Chlorophenyl phenyl ether	880	ug/Kg	U
SEE10171410JDF1	10/17/2010	4-Chlorophenyl phenyl ether	880	ug/Kg	U
SEE09181235PML1	9/18/2010	4-Chlorophenyl phenyl ether	880	ug/Kg	U
SEE09101022PML1	9/10/2010	4-Chlorophenyl phenyl ether	880	ug/Kg	UJ
SEE09011545PML1	9/1/2010	4-Chlorophenyl phenyl ether	870	ug/Kg	U
SEE10211430JDF1	10/21/2010	4-Chlorophenyl phenyl ether	860	ug/Kg	U
SEE09231645JDF1	9/23/2010	4-Chlorophenyl phenyl ether	860	ug/Kg	U
SEE09141135PML1	9/14/2010	4-Chlorophenyl phenyl ether	860	ug/Kg	U
SEE09091410RCM1	9/9/2010	4-Chlorophenyl phenyl ether	860	ug/Kg	U
SEE10081115PML1	10/8/2010	4-Chlorophenyl phenyl ether	850	ug/Kg	U
SEE09121105RCM1	9/12/2010	4-Chlorophenyl phenyl ether	850	ug/Kg	UJ
SEE09101215PML1	9/10/2010	4-Chlorophenyl phenyl ether	850	ug/Kg	UJ
SEE09081020RCM1	9/8/2010	4-Chlorophenyl phenyl ether	850	ug/Kg	U
SEE09031645MHS1	9/3/2010	4-Chlorophenyl phenyl ether	850	ug/Kg	U
SEE09011545MHS1	9/1/2010	4-Chlorophenyl phenyl ether	850	ug/Kg	U
SEE08311420PML1	8/31/2010	4-Chlorophenyl phenyl ether	850	ug/Kg	U
SEE08311420PML1	8/31/2010	4-Chlorophenyl phenyl ether	850	ug/Kg	U
SEE10131150JDF1	10/13/2010	4-Chlorophenyl phenyl ether	840	ug/Kg	U
SEE09301255JDF1	9/30/2010	4-Chlorophenyl phenyl ether	840	ug/Kg	U
SEE10221110JDF1	10/22/2010	4-Chlorophenyl phenyl ether	830	ug/Kg	U
SEE10221110JDF1	10/22/2010	4-Chlorophenyl phenyl ether	830	ug/Kg	U
SEE09030925PML1	9/3/2010	4-Chlorophenyl phenyl ether	830	ug/Kg	U
SEE08281607TWH1	8/28/2010	4-Chlorophenyl phenyl ether	830	ug/kg	U
SEE08281630RCM1	8/28/2010	4-Chlorophenyl phenyl ether	830	ug/kg	U
SEE10191515JDF1	10/19/2010	4-Chlorophenyl phenyl ether	820	ug/Kg	U
SEE10091401PML1	10/9/2010	4-Chlorophenyl phenyl ether	820	ug/Kg	UJ
SEE09051550MHS1	9/5/2010	4-Chlorophenyl phenyl ether	820	ug/Kg	U
SEE09291023RCM1	9/29/2010	4-Chlorophenyl phenyl ether	810	ug/Kg	U
SEE09121436RCM1	9/12/2010	4-Chlorophenyl phenyl ether	810	ug/Kg	UJ

**TABLE B-2b**  
**Upstream Sediment Samples (Morrow Lake)**

Sample ID	Sample Date	Analyte	Result	Unit	Data Qualifier
SEE09021010PML1	9/2/2010	4-Chlorophenyl phenyl ether	810	ug/Kg	U
SEE10041530JDF1	10/4/2010	4-Chlorophenyl phenyl ether	800	ug/Kg	U
SEE09101625PML1	9/10/2010	4-Chlorophenyl phenyl ether	800	ug/Kg	UJ
SEE09061525MHS1	9/6/2010	4-Chlorophenyl phenyl ether	800	ug/Kg	U
SEE09031100PML1	9/3/2010	4-Chlorophenyl phenyl ether	800	ug/Kg	U
SEE08301638MHS1	8/30/2010	4-Chlorophenyl phenyl ether	800	ug/Kg	U
SEE10191415JDF1	10/19/2010	4-Chlorophenyl phenyl ether	790	ug/Kg	U
SEE10181035JDF1	10/18/2010	4-Chlorophenyl phenyl ether	790	ug/Kg	U
SEE10091614PML1	10/9/2010	4-Chlorophenyl phenyl ether	790	ug/Kg	UJ
SEE10051653PML1	10/5/2010	4-Chlorophenyl phenyl ether	790	ug/Kg	U
SEE09231210JDF1	9/23/2010	4-Chlorophenyl phenyl ether	790	ug/Kg	U
SEE09141515PML1	9/14/2010	4-Chlorophenyl phenyl ether	790	ug/Kg	U
SEE09131026RCM1	9/13/2010	4-Chlorophenyl phenyl ether	790	ug/Kg	U
SEE09051130PML1	9/5/2010	4-Chlorophenyl phenyl ether	790	ug/Kg	U
SEE08301550PML1	8/30/2010	4-Chlorophenyl phenyl ether	790	ug/Kg	U
SEE10191155JDF1	10/19/2010	4-Chlorophenyl phenyl ether	780	ug/Kg	U
SEE10171115JDF1	10/17/2010	4-Chlorophenyl phenyl ether	780	ug/Kg	U
SEE10141015JDF1	10/14/2010	4-Chlorophenyl phenyl ether	780	ug/Kg	U
SEE09220935RCM1	9/22/2010	4-Chlorophenyl phenyl ether	780	ug/Kg	U
SEE09191445RCM1	9/19/2010	4-Chlorophenyl phenyl ether	780	ug/Kg	U
SEE09161045PML1	9/16/2010	4-Chlorophenyl phenyl ether	780	ug/Kg	U
SEE09071050PML1	9/7/2010	4-Chlorophenyl phenyl ether	780	ug/Kg	U
SEE10211010JWP1	10/21/2010	4-Chlorophenyl phenyl ether	770	ug/Kg	U
SEE10181510JDF1	10/18/2010	4-Chlorophenyl phenyl ether	770	ug/Kg	U
SEE10181510JDF1	10/18/2010	4-Chlorophenyl phenyl ether	770	ug/Kg	U
SEE10061205PML1	10/6/2010	4-Chlorophenyl phenyl ether	770	ug/Kg	U
SEE10031115JDF1	10/3/2010	4-Chlorophenyl phenyl ether	770	ug/Kg	U
SEE10031115JDF1	10/3/2010	4-Chlorophenyl phenyl ether	770	ug/Kg	U
SEE09171415PML1	9/17/2010	4-Chlorophenyl phenyl ether	770	ug/Kg	U
SEE09140945PML1	9/14/2010	4-Chlorophenyl phenyl ether	770	ug/Kg	U
SEE09131445RCM1	9/13/2010	4-Chlorophenyl phenyl ether	770	ug/Kg	U
SEE09131505PML1	9/13/2010	4-Chlorophenyl phenyl ether	770	ug/Kg	U
SEE08301145MHS1	8/30/2010	4-Chlorophenyl phenyl ether	770	ug/Kg	U
SEE10141555ARM1	10/14/2010	4-Chlorophenyl phenyl ether	760	ug/Kg	U
SEE10101215PML1	10/10/2010	4-Chlorophenyl phenyl ether	760	ug/Kg	U
SEE10101215PML1	10/10/2010	4-Chlorophenyl phenyl ether	760	ug/Kg	U
SEE09170839RCM1	9/17/2010	4-Chlorophenyl phenyl ether	760	ug/Kg	U
SEE09081205PML1	9/8/2010	4-Chlorophenyl phenyl ether	760	ug/Kg	U
SEE09031140MHS1	9/3/2010	4-Chlorophenyl phenyl ether	760	ug/Kg	U
SEE10061051RCM1	10/6/2010	4-Chlorophenyl phenyl ether	750	ug/Kg	U
SEE10041138RCM1	10/4/2010	4-Chlorophenyl phenyl ether	750	ug/Kg	U
SEE09251135JDF1	9/25/2010	4-Chlorophenyl phenyl ether	750	ug/Kg	U
SEE09200945PML1	9/20/2010	4-Chlorophenyl phenyl ether	750	ug/Kg	U
SEE09200945PML1	9/20/2010	4-Chlorophenyl phenyl ether	750	ug/Kg	U
SEE09191040PML1	9/19/2010	4-Chlorophenyl phenyl ether	750	ug/Kg	U
SEE09181705PML1	9/18/2010	4-Chlorophenyl phenyl ether	750	ug/Kg	U
SEE09091005RCM1	9/9/2010	4-Chlorophenyl phenyl ether	750	ug/Kg	U
SEE09061105PML1	9/6/2010	4-Chlorophenyl phenyl ether	750	ug/Kg	U
SEE09031650PML1	9/3/2010	4-Chlorophenyl phenyl ether	750	ug/Kg	U
SEE09031650PML1	9/3/2010	4-Chlorophenyl phenyl ether	750	ug/Kg	U
SEE10191100JDF1	10/19/2010	4-Chlorophenyl phenyl ether	740	ug/Kg	U
SEE10141150JDF1	10/14/2010	4-Chlorophenyl phenyl ether	740	ug/Kg	U
SEE10101010PML1	10/10/2010	4-Chlorophenyl phenyl ether	740	ug/Kg	U
SEE10081051RCM1	10/8/2010	4-Chlorophenyl phenyl ether	740	ug/Kg	U
SEE09261625JDF1	9/26/2010	4-Chlorophenyl phenyl ether	740	ug/Kg	U
SEE09261625JDF1	9/26/2010	4-Chlorophenyl phenyl ether	740	ug/Kg	U
SEE09191530PML1	9/19/2010	4-Chlorophenyl phenyl ether	740	ug/Kg	U
SEE09151145PML1	9/15/2010	4-Chlorophenyl phenyl ether	740	ug/Kg	U
SEE09151145PML1	9/15/2010	4-Chlorophenyl phenyl ether	740	ug/Kg	U
SEE09121055PML1	9/12/2010	4-Chlorophenyl phenyl ether	740	ug/Kg	UJ

**TABLE B-2b**  
**Upstream Sediment Samples (Morrow Lake)**

Sample ID	Sample Date	Analyte	Result	Unit	Data Qualifier
SEE09121055PML1	9/12/2010	4-Chlorophenyl phenyl ether	740	ug/Kg	UJ
SEE09091515PML1	9/9/2010	4-Chlorophenyl phenyl ether	740	ug/Kg	U
SEE09081010PML1	9/8/2010	4-Chlorophenyl phenyl ether	740	ug/Kg	U
SEE08311045PML1	8/31/2010	4-Chlorophenyl phenyl ether	740	ug/Kg	U
SEE10161530JDF1	10/16/2010	4-Chlorophenyl phenyl ether	730	ug/Kg	U
SEE10141550JDF1	10/14/2010	4-Chlorophenyl phenyl ether	730	ug/Kg	U
SEE10141550JDF1	10/14/2010	4-Chlorophenyl phenyl ether	730	ug/Kg	U
SEE10121155JDF1	10/12/2010	4-Chlorophenyl phenyl ether	730	ug/Kg	U
SEE10011120JDF1	10/1/2010	4-Chlorophenyl phenyl ether	730	ug/Kg	U
SEE09260930RCM1	9/26/2010	4-Chlorophenyl phenyl ether	730	ug/Kg	U
SEE09230955RCM1	9/23/2010	4-Chlorophenyl phenyl ether	730	ug/Kg	U
SEE09151015PML1	9/15/2010	4-Chlorophenyl phenyl ether	730	ug/Kg	U
SEE09111015PML1	9/11/2010	4-Chlorophenyl phenyl ether	730	ug/Kg	UJ
SEE08281505PML1	8/28/2010	4-Chlorophenyl phenyl ether	730	ug/kg	U
SEE10181210JDF1	10/18/2010	4-Chlorophenyl phenyl ether	720	ug/Kg	U
SEE10150945JDF1	10/15/2010	4-Chlorophenyl phenyl ether	720	ug/Kg	U
SEE10120930JDF1	10/12/2010	4-Chlorophenyl phenyl ether	720	ug/Kg	U
SEE10081231PML1	10/8/2010	4-Chlorophenyl phenyl ether	720	ug/Kg	U
SEE10071042RCM1	10/7/2010	4-Chlorophenyl phenyl ether	720	ug/Kg	U
SEE10071101PML1	10/7/2010	4-Chlorophenyl phenyl ether	720	ug/Kg	U
SEE09261215JDF1	9/26/2010	4-Chlorophenyl phenyl ether	720	ug/Kg	U
SEE09011050PML1	9/1/2010	4-Chlorophenyl phenyl ether	720	ug/Kg	U
SEE08271215PML1	8/27/2010	4-Chlorophenyl phenyl ether	720	ug/kg	U
SEE10221055DWS1	10/22/2010	4-Chlorophenyl phenyl ether	710	ug/Kg	U
SEE09221440JDF1	9/22/2010	4-Chlorophenyl phenyl ether	710	ug/Kg	U
SEE09040950PML1	9/4/2010	4-Chlorophenyl phenyl ether	710	ug/Kg	U
SEE10181430JWP1	10/18/2010	4-Chlorophenyl phenyl ether	700	ug/Kg	U
SEE10161115ARM1	10/16/2010	4-Chlorophenyl phenyl ether	700	ug/Kg	U
SEE10061640PML1	10/6/2010	4-Chlorophenyl phenyl ether	700	ug/Kg	U
SEE10061640PML1	10/6/2010	4-Chlorophenyl phenyl ether	700	ug/Kg	U
SEE09301205RCM1	9/30/2010	4-Chlorophenyl phenyl ether	700	ug/Kg	U
SEE09211155JDF1	9/21/2010	4-Chlorophenyl phenyl ether	700	ug/Kg	U
SEE09201115RCM1	9/20/2010	4-Chlorophenyl phenyl ether	700	ug/Kg	U
SEE09171445RCM1	9/17/2010	4-Chlorophenyl phenyl ether	700	ug/Kg	U
SEE09161035RCM1	9/16/2010	4-Chlorophenyl phenyl ether	700	ug/Kg	U
SEE10191010JWP1	10/19/2010	4-Chlorophenyl phenyl ether	690	ug/Kg	U
SEE10041150JDF1	10/4/2010	4-Chlorophenyl phenyl ether	690	ug/Kg	U
SEE09121450PML1	9/12/2010	4-Chlorophenyl phenyl ether	690	ug/Kg	UJ
SEE08301520JRP1	8/30/2010	4-Chlorophenyl phenyl ether	690	ug/Kg	U
SEE08271614TWH1	8/27/2010	4-Chlorophenyl phenyl ether	690	ug/kg	U
SEE10111125JDF1	10/11/2010	4-Chlorophenyl phenyl ether	680	ug/Kg	U
SEE09271130JDF1	9/27/2010	4-Chlorophenyl phenyl ether	680	ug/Kg	U
SEE09131620PML1	9/13/2010	4-Chlorophenyl phenyl ether	680	ug/Kg	UJ
SEE09061130MHS1	9/6/2010	4-Chlorophenyl phenyl ether	680	ug/Kg	U
SEE08261445JRP1	8/26/2010	4-Chlorophenyl phenyl ether	680	ug/Kg	U
SEE10031425JDF1	10/3/2010	4-Chlorophenyl phenyl ether	670	ug/Kg	U
SEE09291035JDF1	9/29/2010	4-Chlorophenyl phenyl ether	670	ug/Kg	U
SEE09250905RCM1	9/25/2010	4-Chlorophenyl phenyl ether	670	ug/Kg	U
SEE09211530JDF1	9/21/2010	4-Chlorophenyl phenyl ether	670	ug/Kg	U
SEE09131125PML1	9/13/2010	4-Chlorophenyl phenyl ether	670	ug/Kg	U
SEE09091605PML1	9/9/2010	4-Chlorophenyl phenyl ether	670	ug/Kg	U
SEE09041350PML1	9/4/2010	4-Chlorophenyl phenyl ether	670	ug/Kg	U
SEE09011255PML1	9/1/2010	4-Chlorophenyl phenyl ether	670	ug/Kg	U
SEE09170945PML1	9/17/2010	4-Chlorophenyl phenyl ether	660	ug/Kg	U
SEE09091145PML1	9/9/2010	4-Chlorophenyl phenyl ether	660	ug/Kg	U
SEE08301445JRP1	8/30/2010	4-Chlorophenyl phenyl ether	660	ug/Kg	U
SEE08271500PML1	8/27/2010	4-Chlorophenyl phenyl ether	660	ug/kg	U
SEE09091410PML1	9/9/2010	4-Chlorophenyl phenyl ether	650	ug/Kg	U
SEE09171125PML1	9/17/2010	4-Chlorophenyl phenyl ether	640	ug/Kg	U
SEE09051015PML1	9/5/2010	4-Chlorophenyl phenyl ether	640	ug/Kg	U

**TABLE B-2b**  
**Upstream Sediment Samples (Morrow Lake)**

Sample ID	Sample Date	Analyte	Result	Unit	Data Qualifier
SEE10161415JDF1	10/16/2010	4-Chlorophenyl phenyl ether	630	ug/Kg	U
SEE10111011JDF1	10/11/2010	4-Chlorophenyl phenyl ether	630	ug/Kg	U
SEE09130940PML1	9/13/2010	4-Chlorophenyl phenyl ether	630	ug/Kg	U
SEE08301015JRP1	8/30/2010	4-Chlorophenyl phenyl ether	630	ug/Kg	U
SEE10121415ARM1	10/12/2010	4-Chlorophenyl phenyl ether	620	ug/Kg	U
SEE10071540PML1	10/7/2010	4-Chlorophenyl phenyl ether	620	ug/Kg	U
SEE09031115JAW1	9/3/2010	4-Chlorophenyl phenyl ether	620	ug/Kg	U
SEE08301530JAW1	8/30/2010	4-Chlorophenyl phenyl ether	620	ug/Kg	U
SEE10161055JDF1	10/16/2010	4-Chlorophenyl phenyl ether	610	ug/Kg	U
SEE10071205PML1	10/7/2010	4-Chlorophenyl phenyl ether	610	ug/Kg	U
SEE09271515JDF1	9/27/2010	4-Chlorophenyl phenyl ether	610	ug/Kg	U
SEE09211112RCM1	9/21/2010	4-Chlorophenyl phenyl ether	610	ug/Kg	U
SEE09201645ARM1	9/20/2010	4-Chlorophenyl phenyl ether	610	ug/Kg	U
SEE09171530PML1	9/17/2010	4-Chlorophenyl phenyl ether	610	ug/Kg	U
SEE09091010PML1	9/9/2010	4-Chlorophenyl phenyl ether	610	ug/Kg	U
SEE09091025JRP1	9/9/2010	4-Chlorophenyl phenyl ether	610	ug/Kg	U
SEE10111350JDF1	10/11/2010	4-Chlorophenyl phenyl ether	600	ug/Kg	U
SEE09290925JDF1	9/29/2010	4-Chlorophenyl phenyl ether	600	ug/Kg	U
SEE09221105JDF1	9/22/2010	4-Chlorophenyl phenyl ether	600	ug/Kg	U
SEE09221615JDF1	9/22/2010	4-Chlorophenyl phenyl ether	600	ug/Kg	U
SEE10151055ARM1	10/15/2010	4-Chlorophenyl phenyl ether	590	ug/Kg	U
SEE09301255MAE1	9/30/2010	4-Chlorophenyl phenyl ether	590	ug/Kg	U
SEE09011145PML1	9/1/2010	4-Chlorophenyl phenyl ether	590	ug/Kg	U
SEE08291110PML1	8/29/2010	4-Chlorophenyl phenyl ether	590	ug/kg	U
SEE10041050JDF1	10/4/2010	4-Chlorophenyl phenyl ether	580	ug/Kg	U
SEE09231130ARM1	9/23/2010	4-Chlorophenyl phenyl ether	580	ug/Kg	U
SEE10121030JDF1	10/12/2010	4-Chlorophenyl phenyl ether	570	ug/Kg	U
SEE10041335JDF1	10/4/2010	4-Chlorophenyl phenyl ether	570	ug/Kg	U
SEE09271025ARM1	9/27/2010	4-Chlorophenyl phenyl ether	570	ug/Kg	U
SEE08281215PML1	8/28/2010	4-Chlorophenyl phenyl ether	570	ug/kg	U
SEE08281420TWH1	8/28/2010	4-Chlorophenyl phenyl ether	570	ug/kg	U
SEE10040945JDF1	10/4/2010	4-Chlorophenyl phenyl ether	560	ug/Kg	U
SEE09130955JRP1	9/13/2010	4-Chlorophenyl phenyl ether	560	ug/Kg	U
SEE09291645JDF1	9/29/2010	4-Chlorophenyl phenyl ether	550	ug/Kg	U
SEE08281510TWH1	8/28/2010	4-Chlorophenyl phenyl ether	540	ug/kg	U
SEE09141312RCM1	9/14/2010	4-Chlorophenyl phenyl ether	530	ug/Kg	U
SEE08291421KAP1	8/29/2010	4-Chlorophenyl phenyl ether	510	ug/kg	U
SEE08271652TWH1	8/27/2010	4-Chlorophenyl phenyl ether	500	ug/kg	U
SEE10151355ARM1	10/15/2010	4-Chlorophenyl phenyl ether	480	ug/Kg	U
SEE10041355ARM1	10/4/2010	4-Chlorophenyl phenyl ether	480	ug/Kg	U
SEE09090900JRP1	9/9/2010	4-Chlorophenyl phenyl ether	470	ug/Kg	U
SEE08311010JRP1	8/31/2010	4-Chlorophenyl phenyl ether	470	ug/Kg	U
SEE08311348MHS1	8/31/2010	4-Chlorophenyl phenyl ether	470	ug/Kg	U
SEE10170915JDF1	10/17/2010	4-Chlorophenyl phenyl ether	460	ug/Kg	U
SEE10071415ARM1	10/7/2010	4-Chlorophenyl phenyl ether	460	ug/Kg	U
SEE09291135JDF1	9/29/2010	4-Chlorophenyl phenyl ether	460	ug/Kg	U
SEE10071151RCM1	10/7/2010	4-Chlorophenyl phenyl ether	430	ug/Kg	U
SEE08300920JRP1	8/30/2010	4-Chlorophenyl phenyl ether	410	ug/Kg	U
SEE08291550KAP1	8/29/2010	4-Chlorophenyl phenyl ether	410	ug/kg	U
SEE10221450DWS1	10/22/2010	4-Chlorophenyl phenyl ether	390	ug/Kg	U
SEE09051500MHS1	9/5/2010	4-Chlorophenyl phenyl ether	380	ug/Kg	U
SEE10141025ARM1	10/14/2010	4-Chlorophenyl phenyl ether	370	ug/Kg	U
SEE10211345JWP1	10/21/2010	4-Chlorophenyl phenyl ether	330	ug/Kg	U
SEE10091200ARM1	10/9/2010	4-Chlorophenyl phenyl ether	330	ug/Kg	UJ
SEE09130915JRP1	9/13/2010	4-Chlorophenyl phenyl ether	330	ug/Kg	U
SEE08291354KAP1	8/29/2010	4-Chlorophenyl phenyl ether	330	ug/kg	U
SEE09061610JAW1	9/6/2010	4-Chlorophenyl phenyl ether	290	ug/Kg	U
SEE10051415ARM1	10/5/2010	4-Chlorophenyl phenyl ether	280	ug/Kg	U
SEE10171535ARM1	10/17/2010	4-Chlorophenyl phenyl ether	270	ug/Kg	U
SEE08291445PML1	8/29/2010	4-Chlorophenyl phenyl ether	270	ug/kg	U

**TABLE B-2b**  
**Upstream Sediment Samples (Morrow Lake)**

Sample ID	Sample Date	Analyte	Result	Unit	Data Qualifier
SEE08261700JRP1	8/26/2010	4-Chlorophenyl phenyl ether	270	ug/Kg	U
SEE09100945RCM1	9/10/2010	4-Chlorophenyl phenyl ether	260	ug/Kg	UJ
SEE08301410JRP1	8/30/2010	4-Chlorophenyl phenyl ether	260	ug/Kg	U
SEE10011125ARM1	10/1/2010	4-Chlorophenyl phenyl ether	250	ug/Kg	U
SEE09211120ARM1	9/21/2010	4-Chlorophenyl phenyl ether	250	ug/Kg	U
SEE09201110ARM1	9/20/2010	4-Chlorophenyl phenyl ether	250	ug/Kg	U
SEF10221050MAE3	10/22/2010	4-Chlorophenyl phenyl ether	240	ug/Kg	U
SEF10191135NAC3	10/19/2010	4-Chlorophenyl phenyl ether	240	ug/Kg	U
SEE10081035ARM1	10/8/2010	4-Chlorophenyl phenyl ether	240	ug/Kg	U
SEE09171200ARM1	9/17/2010	4-Chlorophenyl phenyl ether	240	ug/Kg	U
SEF10011045TDF1	10/1/2010	4-Chlorophenyl phenyl ether	230	ug/Kg	U
SEE09290915MAE1	9/29/2010	4-Chlorophenyl phenyl ether	230	ug/Kg	U
SEE09271500ARM1	9/27/2010	4-Chlorophenyl phenyl ether	230	ug/Kg	U
SEE09231205RCM1	9/23/2010	4-Chlorophenyl phenyl ether	230	ug/Kg	U
SEE09200911RCM1	9/20/2010	4-Chlorophenyl phenyl ether	230	ug/Kg	U
SEE09140945JRP1	9/14/2010	4-Chlorophenyl phenyl ether	230	ug/Kg	U
SEE08271445JRP1	8/27/2010	4-Chlorophenyl phenyl ether	230	ug/kg	U
SEF10081108TDF3	10/8/2010	4-Chlorophenyl phenyl ether	220	ug/Kg	U
SEE10071045ARM1	10/7/2010	4-Chlorophenyl phenyl ether	220	ug/Kg	U
SEE10041045ARM1	10/4/2010	4-Chlorophenyl phenyl ether	220	ug/Kg	U
SEE10011043RCM1	10/1/2010	4-Chlorophenyl phenyl ether	220	ug/Kg	U
SEE09281445RCM1	9/28/2010	4-Chlorophenyl phenyl ether	220	ug/Kg	U
SEE09251235ARM1	9/25/2010	4-Chlorophenyl phenyl ether	220	ug/Kg	U
SEE09231035ARM1	9/23/2010	4-Chlorophenyl phenyl ether	220	ug/Kg	U
SEE09170935RCM1	9/17/2010	4-Chlorophenyl phenyl ether	220	ug/Kg	U
SEE09150915JRP1	9/15/2010	4-Chlorophenyl phenyl ether	220	ug/Kg	U
SEE09070930JRP1	9/7/2010	4-Chlorophenyl phenyl ether	220	ug/Kg	U
SEB09011143JLS1	9/1/2010	4-Chlorophenyl phenyl ether	220	ug/Kg	U
SEE08301100JRP1	8/30/2010	4-Chlorophenyl phenyl ether	220	ug/Kg	U
SEE08271536TWH1	8/27/2010	4-Chlorophenyl phenyl ether	220	ug/kg	U
SEE10191115JWP1	10/19/2010	4-Chlorophenyl phenyl ether	210	ug/Kg	U
SEF10151030PMB3	10/15/2010	4-Chlorophenyl phenyl ether	210	ug/Kg	U
SEF10121130PMB3	10/12/2010	4-Chlorophenyl phenyl ether	210	ug/Kg	U
SEE10061135ARM1	10/6/2010	4-Chlorophenyl phenyl ether	210	ug/Kg	U
SEF10051206TDF3	10/5/2010	4-Chlorophenyl phenyl ether	210	ug/Kg	U
SEE09100920JRP1	9/10/2010	4-Chlorophenyl phenyl ether	210	ug/Kg	UJ
SEE09051500JAW1	9/5/2010	4-Chlorophenyl phenyl ether	210	ug/Kg	U
SEB08281400JLS1	8/28/2010	4-Chlorophenyl phenyl ether	210	ug/kg	U
SEE08281540JRP1	8/28/2010	4-Chlorophenyl phenyl ether	210	ug/kg	U
SEE10131035ARM1	10/13/2010	4-Chlorophenyl phenyl ether	200	ug/Kg	U
SEE10121040ARM1	10/12/2010	4-Chlorophenyl phenyl ether	200	ug/Kg	U
SEE10051145RCM1	10/5/2010	4-Chlorophenyl phenyl ether	200	ug/Kg	U
SEE09301025MAE1	9/30/2010	4-Chlorophenyl phenyl ether	200	ug/Kg	U
SEF09281139TDF1	9/28/2010	4-Chlorophenyl phenyl ether	200	ug/Kg	U
SEE09221045ARM1	9/22/2010	4-Chlorophenyl phenyl ether	200	ug/Kg	U
SEE09080930JRP1	9/8/2010	4-Chlorophenyl phenyl ether	200	ug/Kg	U
SEE09011515JAW1	9/1/2010	4-Chlorophenyl phenyl ether	200	ug/Kg	U
SEE10181030JWP1	10/18/2010	4-Chlorophenyl phenyl ether	190	ug/Kg	U
ML-07-S-081810	8/18/2010	4-Chlorophenyl phenyl ether	0.37	mg/Kg	UJ
ML-06-S-082310	8/23/2010	4-Chlorophenyl phenyl ether	0.33	mg/Kg	U
ML-04-S-081710	8/17/2010	4-Chlorophenyl phenyl ether	0.32	mg/Kg	U
ML-04-S-082610	8/26/2010	4-Chlorophenyl phenyl ether	0.31	mg/Kg	U
ML-03-S-082310	8/23/2010	4-Chlorophenyl phenyl ether	0.31	mg/Kg	U
ML-10-S-081910	8/19/2010	4-Chlorophenyl phenyl ether	0.31	mg/Kg	U
ML-10-S-081910	8/19/2010	4-Chlorophenyl phenyl ether	0.31	mg/Kg	U
ML-09-S-081810	8/18/2010	4-Chlorophenyl phenyl ether	0.31	mg/Kg	UJ
ML-06-S-081710	8/17/2010	4-Chlorophenyl phenyl ether	0.31	mg/Kg	U
ML-10-S-082610	8/26/2010	4-Chlorophenyl phenyl ether	0.30	mg/Kg	U
ML-10-S-082610	8/26/2010	4-Chlorophenyl phenyl ether	0.30	mg/Kg	U
ML-05-S-082310	8/23/2010	4-Chlorophenyl phenyl ether	0.28	mg/Kg	U



**TABLE B-2b**  
**Upstream Sediment Samples (Morrow Lake)**

Sample ID	Sample Date	Analyte	Result	Unit	Data Qualifier
ML-01-S-081910	8/19/2010	4-Chlorophenyl phenyl ether	0.27	mg/Kg	U
ML-05-S-081710	8/17/2010	4-Chlorophenyl phenyl ether	0.26	mg/Kg	U
ML-02-S-082310	8/23/2010	4-Chlorophenyl phenyl ether	0.25	mg/Kg	U
ML-02-S-081710	8/17/2010	4-Chlorophenyl phenyl ether	0.24	mg/Kg	U
ML-06-S-082510	8/25/2010	4-Chlorophenyl phenyl ether	0.18	mg/Kg	U
ML-07-S-082410	8/24/2010	4-Chlorophenyl phenyl ether	0.18	mg/Kg	UJ
ML-07-S-082110	8/21/2010	4-Chlorophenyl phenyl ether	0.18	mg/Kg	U
ML-05-S-082610	8/26/2010	4-Chlorophenyl phenyl ether	0.17	mg/Kg	U
ML-07-S-082510	8/25/2010	4-Chlorophenyl phenyl ether	0.17	mg/Kg	U
ML-08-S-082110	8/21/2010	4-Chlorophenyl phenyl ether	0.17	mg/Kg	U
ML-07-S-081610	8/16/2010	4-Chlorophenyl phenyl ether	0.17	mg/Kg	U
ML-08-S-081610	8/16/2010	4-Chlorophenyl phenyl ether	0.17	mg/Kg	U
ML-08-S-082510	8/25/2010	4-Chlorophenyl phenyl ether	0.16	mg/Kg	U
ML-08-S-082410	8/24/2010	4-Chlorophenyl phenyl ether	0.16	mg/Kg	UJ
ML-06-S-082010	8/20/2010	4-Chlorophenyl phenyl ether	0.16	mg/Kg	U
ML-01-S-081610	8/16/2010	4-Chlorophenyl phenyl ether	0.16	mg/Kg	U
ML-01-S-082510	8/25/2010	4-Chlorophenyl phenyl ether	0.15	mg/Kg	U
ML-09-S-082510	8/25/2010	4-Chlorophenyl phenyl ether	0.15	mg/Kg	U
ML-04-S-082410	8/24/2010	4-Chlorophenyl phenyl ether	0.15	mg/Kg	UJ
ML-10-S-082410	8/24/2010	4-Chlorophenyl phenyl ether	0.15	mg/Kg	UJ
ML-10-S-082410	8/24/2010	4-Chlorophenyl phenyl ether	0.15	mg/Kg	UJ
ML-09-S-082110	8/21/2010	4-Chlorophenyl phenyl ether	0.15	mg/Kg	U
ML-10-S-082110	8/21/2010	4-Chlorophenyl phenyl ether	0.15	mg/Kg	U
ML-10-S-082110	8/21/2010	4-Chlorophenyl phenyl ether	0.15	mg/Kg	U
ML-05-S-082010	8/20/2010	4-Chlorophenyl phenyl ether	0.15	mg/Kg	U
ML-10-S-081610	8/16/2010	4-Chlorophenyl phenyl ether	0.15	mg/Kg	U
ML-10-S-081610	8/16/2010	4-Chlorophenyl phenyl ether	0.15	mg/Kg	U
ML-02-S-082510	8/25/2010	4-Chlorophenyl phenyl ether	0.14	mg/Kg	U
ML-09-S-082410	8/24/2010	4-Chlorophenyl phenyl ether	0.14	mg/Kg	UJ
ML-01-S-082110	8/21/2010	4-Chlorophenyl phenyl ether	0.14	mg/Kg	U
ML-03-S-082510	8/25/2010	4-Chlorophenyl phenyl ether	0.13	mg/Kg	U
ML-02-S-082010	8/20/2010	4-Chlorophenyl phenyl ether	0.13	mg/Kg	U
ML-03-S-082010	8/20/2010	4-Chlorophenyl phenyl ether	0.13	mg/Kg	U
ML-04-S-082010	8/20/2010	4-Chlorophenyl phenyl ether	0.13	mg/Kg	U
ML-03-S-081610	8/16/2010	4-Chlorophenyl phenyl ether	0.12	mg/Kg	U
SEE10211035JDF1	10/21/2010	4-Methyl-2-pentanone	3100	ug/Kg	U
SEE10191515JDF1	10/19/2010	4-Methyl-2-pentanone	2800	ug/Kg	U
SEE10211430JDF1	10/21/2010	4-Methyl-2-pentanone	2700	ug/Kg	U
SEE10191005JDF1	10/19/2010	4-Methyl-2-pentanone	2700	ug/Kg	U
SEE10221110JDF1	10/22/2010	4-Methyl-2-pentanone	2600	ug/Kg	U
SEE10221110JDF1	10/22/2010	4-Methyl-2-pentanone	2600	ug/Kg	U
SEE10191415JDF1	10/19/2010	4-Methyl-2-pentanone	2500	ug/Kg	U
SEE10211010JWP1	10/21/2010	4-Methyl-2-pentanone	2400	ug/Kg	U
SEE10191100JDF1	10/19/2010	4-Methyl-2-pentanone	2400	ug/Kg	U
SEE10191155JDF1	10/19/2010	4-Methyl-2-pentanone	2400	ug/Kg	U
SEE10221055DWS1	10/22/2010	4-Methyl-2-pentanone	2300	ug/Kg	U
SEE10191010JWP1	10/19/2010	4-Methyl-2-pentanone	2300	ug/Kg	U
SEE10221450DWS1	10/22/2010	4-Methyl-2-pentanone	1200	ug/Kg	U
SEE10211345JWP1	10/21/2010	4-Methyl-2-pentanone	1100	ug/Kg	U
SEF10221050MAE3	10/22/2010	4-Methyl-2-pentanone	770	ug/Kg	U
SEF10191135NAC3	10/19/2010	4-Methyl-2-pentanone	750	ug/Kg	U
SEE10141015JDF1	10/14/2010	4-Methyl-2-pentanone	690	ug/Kg	U
SEE10191115JWP1	10/19/2010	4-Methyl-2-pentanone	670	ug/Kg	U
SEE08281607TWH1	8/28/2010	4-Methyl-2-pentanone	170	ug/kg	U
SEE08281505PML1	8/28/2010	4-Methyl-2-pentanone	150	ug/kg	U
SEE08271215PML1	8/27/2010	4-Methyl-2-pentanone	140	ug/kg	U
SEE08281630RCM1	8/28/2010	4-Methyl-2-pentanone	130	ug/kg	U
SEE08291110PML1	8/29/2010	4-Methyl-2-pentanone	110	ug/kg	U
SEE08261420RCM1	8/26/2010	4-Methyl-2-pentanone	110	ug/kg	U
SEE08271500PML1	8/27/2010	4-Methyl-2-pentanone	91	ug/kg	U

**TABLE B-2b**  
**Upstream Sediment Samples (Morrow Lake)**

Sample ID	Sample Date	Analyte	Result	Unit	Data Qualifier
SEE08281215PML1	8/28/2010	4-Methyl-2-pentanone	87	ug/kg	U
SEE08281420TWH1	8/28/2010	4-Methyl-2-pentanone	85	ug/kg	U
SEE08291421KAP1	8/29/2010	4-Methyl-2-pentanone	81	ug/kg	U
SEE08271145RCM1	8/27/2010	4-Methyl-2-pentanone	80	ug/kg	U
SEE08281510TWH1	8/28/2010	4-Methyl-2-pentanone	68	ug/kg	U
SEE08291550KAP1	8/29/2010	4-Methyl-2-pentanone	61	ug/kg	U
SEE09200945PML1	9/20/2010	4-Methyl-2-pentanone	60	ug/Kg	U
SEE09200945PML1	9/20/2010	4-Methyl-2-pentanone	60	ug/Kg	U
SEE09201115RCM1	9/20/2010	4-Methyl-2-pentanone	58	ug/Kg	U
SEE08261620RCM1	8/26/2010	4-Methyl-2-pentanone	56	ug/kg	U
SEE09201645ARM1	9/20/2010	4-Methyl-2-pentanone	48	ug/Kg	U
SEE10071042RCM1	10/7/2010	4-Methyl-2-pentanone	45	ug/Kg	U
SEE09061500PML1	9/6/2010	4-Methyl-2-pentanone	45	ug/Kg	U
SEE09301105JDF1	9/30/2010	4-Methyl-2-pentanone	42	ug/Kg	U
SEE09181705PML1	9/18/2010	4-Methyl-2-pentanone	42	ug/Kg	U
SEE08291445PML1	8/29/2010	4-Methyl-2-pentanone	42	ug/kg	U
SEE09021400PML1	9/2/2010	4-Methyl-2-pentanone	41	ug/Kg	U
SEE08301130PML1	8/30/2010	4-Methyl-2-pentanone	41	ug/Kg	U
SEE10091401PML1	10/9/2010	4-Methyl-2-pentanone	40	ug/Kg	U
SEE10181035JDF1	10/18/2010	4-Methyl-2-pentanone	39	ug/Kg	U
SEE10051125PML1	10/5/2010	4-Methyl-2-pentanone	39	ug/Kg	U
SEE08311045PML1	8/31/2010	4-Methyl-2-pentanone	39	ug/Kg	U
SEE10141555ARM1	10/14/2010	4-Methyl-2-pentanone	38	ug/Kg	U
SEE09101215PML1	9/10/2010	4-Methyl-2-pentanone	38	ug/Kg	U
SEE10161530JDF1	10/16/2010	4-Methyl-2-pentanone	37	ug/Kg	U
SEE10081115PML1	10/8/2010	4-Methyl-2-pentanone	37	ug/Kg	U
SEE09030925PML1	9/3/2010	4-Methyl-2-pentanone	37	ug/Kg	U
SEE09031115JAW1	9/3/2010	4-Methyl-2-pentanone	37	ug/Kg	U
SEE08291354KAP1	8/29/2010	4-Methyl-2-pentanone	37	ug/kg	U
SEE10171410JDF1	10/17/2010	4-Methyl-2-pentanone	36	ug/Kg	U
SEE09191530PML1	9/19/2010	4-Methyl-2-pentanone	36	ug/Kg	U
SEE09181235PML1	9/18/2010	4-Methyl-2-pentanone	36	ug/Kg	U
SEE09141135PML1	9/14/2010	4-Methyl-2-pentanone	36	ug/Kg	U
SEE09101022PML1	9/10/2010	4-Methyl-2-pentanone	36	ug/Kg	U
ML-07-S-082510	8/25/2010	4-Methyl-2-pentanone	36	mg/Kg	U
SEE10171115JDF1	10/17/2010	4-Methyl-2-pentanone	35	ug/Kg	U
SEE08311420PML1	8/31/2010	4-Methyl-2-pentanone	35	ug/Kg	U
SEE08311420PML1	8/31/2010	4-Methyl-2-pentanone	35	ug/Kg	U
SEE10041530JDF1	10/4/2010	4-Methyl-2-pentanone	34	ug/Kg	U
SEE09121105RCM1	9/12/2010	4-Methyl-2-pentanone	34	ug/Kg	U
SEE09011545PML1	9/1/2010	4-Methyl-2-pentanone	34	ug/Kg	U
SEE08301550PML1	8/30/2010	4-Methyl-2-pentanone	34	ug/Kg	U
SEE10181210JDF1	10/18/2010	4-Methyl-2-pentanone	33	ug/Kg	U
SEE10181430JWP1	10/18/2010	4-Methyl-2-pentanone	33	ug/Kg	U
SEE10181510JDF1	10/18/2010	4-Methyl-2-pentanone	33	ug/Kg	U
SEE10181510JDF1	10/18/2010	4-Methyl-2-pentanone	33	ug/Kg	U
SEE10131150JDF1	10/13/2010	4-Methyl-2-pentanone	33	ug/Kg	U
SEE10101010PML1	10/10/2010	4-Methyl-2-pentanone	33	ug/Kg	U
SEE10101215PML1	10/10/2010	4-Methyl-2-pentanone	33	ug/Kg	U
SEE10101215PML1	10/10/2010	4-Methyl-2-pentanone	33	ug/Kg	U
SEE09140945PML1	9/14/2010	4-Methyl-2-pentanone	33	ug/Kg	U
SEE09061525MHS1	9/6/2010	4-Methyl-2-pentanone	33	ug/Kg	U
SEE09051130PML1	9/5/2010	4-Methyl-2-pentanone	33	ug/Kg	U
SEE09031100PML1	9/3/2010	4-Methyl-2-pentanone	33	ug/Kg	U
SEE09021010PML1	9/2/2010	4-Methyl-2-pentanone	33	ug/Kg	U
SEE10031115JDF1	10/3/2010	4-Methyl-2-pentanone	32	ug/Kg	U
SEE10031115JDF1	10/3/2010	4-Methyl-2-pentanone	32	ug/Kg	U
SEE09301205RCM1	9/30/2010	4-Methyl-2-pentanone	32	ug/Kg	U
SEE09301255JDF1	9/30/2010	4-Methyl-2-pentanone	32	ug/Kg	U
SEE09231645JDF1	9/23/2010	4-Methyl-2-pentanone	32	ug/Kg	U

**TABLE B-2b**  
**Upstream Sediment Samples (Morrow Lake)**

Sample ID	Sample Date	Analyte	Result	Unit	Data Qualifier
SEE09141515PML1	9/14/2010	4-Methyl-2-pentanone	32	ug/Kg	U
SEE09101625PML1	9/10/2010	4-Methyl-2-pentanone	32	ug/Kg	U
SEE09091005RCM1	9/9/2010	4-Methyl-2-pentanone	32	ug/Kg	U
SEE09061105PML1	9/6/2010	4-Methyl-2-pentanone	32	ug/Kg	U
SEE09031650PML1	9/3/2010	4-Methyl-2-pentanone	32	ug/Kg	U
SEE09031650PML1	9/3/2010	4-Methyl-2-pentanone	32	ug/Kg	U
SEE10081231PML1	10/8/2010	4-Methyl-2-pentanone	31	ug/Kg	U
SEE09231210JDF1	9/23/2010	4-Methyl-2-pentanone	31	ug/Kg	U
SEE09161045PML1	9/16/2010	4-Methyl-2-pentanone	31	ug/Kg	U
SEE09081205PML1	9/8/2010	4-Methyl-2-pentanone	31	ug/Kg	U
SEE09071050PML1	9/7/2010	4-Methyl-2-pentanone	31	ug/Kg	U
SEE08301145MHS1	8/30/2010	4-Methyl-2-pentanone	31	ug/Kg	U
SEE08271614TWH1	8/27/2010	4-Methyl-2-pentanone	31	ug/kg	U
SEE08271652TWH1	8/27/2010	4-Methyl-2-pentanone	31	ug/kg	U
SEE10161115ARM1	10/16/2010	4-Methyl-2-pentanone	30	ug/Kg	U
SEE10120930JDF1	10/12/2010	4-Methyl-2-pentanone	30	ug/Kg	U
SEE10071101PML1	10/7/2010	4-Methyl-2-pentanone	30	ug/Kg	U
SEE09261625JDF1	9/26/2010	4-Methyl-2-pentanone	30	ug/Kg	U
SEE09261625JDF1	9/26/2010	4-Methyl-2-pentanone	30	ug/Kg	U
SEE09131445RCM1	9/13/2010	4-Methyl-2-pentanone	30	ug/Kg	U
SEE09121055PML1	9/12/2010	4-Methyl-2-pentanone	30	ug/Kg	U
SEE09121055PML1	9/12/2010	4-Methyl-2-pentanone	30	ug/Kg	U
SEE09121436RCM1	9/12/2010	4-Methyl-2-pentanone	30	ug/Kg	U
SEE09091410RCM1	9/9/2010	4-Methyl-2-pentanone	30	ug/Kg	U
SEE09011050PML1	9/1/2010	4-Methyl-2-pentanone	30	ug/Kg	U
SEE10081051RCM1	10/8/2010	4-Methyl-2-pentanone	29	ug/Kg	U
SEE10061640PML1	10/6/2010	4-Methyl-2-pentanone	29	ug/Kg	U
SEE10061640PML1	10/6/2010	4-Methyl-2-pentanone	29	ug/Kg	U
SEE10051653PML1	10/5/2010	4-Methyl-2-pentanone	29	ug/Kg	U
SEE09261215JDF1	9/26/2010	4-Methyl-2-pentanone	29	ug/Kg	U
SEE09231130ARM1	9/23/2010	4-Methyl-2-pentanone	29	ug/Kg	U
SEE09191040PML1	9/19/2010	4-Methyl-2-pentanone	29	ug/Kg	U
SEE09131026RCM1	9/13/2010	4-Methyl-2-pentanone	29	ug/Kg	U
SEE09131505PML1	9/13/2010	4-Methyl-2-pentanone	29	ug/Kg	U
SEE09040950PML1	9/4/2010	4-Methyl-2-pentanone	29	ug/Kg	U
SEE10011120JDF1	10/1/2010	4-Methyl-2-pentanone	28	ug/Kg	U
SEE09211155JDF1	9/21/2010	4-Methyl-2-pentanone	28	ug/Kg	U
SEE09171415PML1	9/17/2010	4-Methyl-2-pentanone	28	ug/Kg	U
SEE09151145PML1	9/15/2010	4-Methyl-2-pentanone	28	ug/Kg	U
SEE09151145PML1	9/15/2010	4-Methyl-2-pentanone	28	ug/Kg	U
SEE09131620PML1	9/13/2010	4-Methyl-2-pentanone	28	ug/Kg	U
SEE09121450PML1	9/12/2010	4-Methyl-2-pentanone	28	ug/Kg	U
SEE09091515PML1	9/9/2010	4-Methyl-2-pentanone	28	ug/Kg	U
SEE09081010PML1	9/8/2010	4-Methyl-2-pentanone	28	ug/Kg	U
SEE09081020RCM1	9/8/2010	4-Methyl-2-pentanone	28	ug/Kg	U
SEE09011255PML1	9/1/2010	4-Methyl-2-pentanone	28	ug/Kg	U
SEE08301015JRP1	8/30/2010	4-Methyl-2-pentanone	28	ug/Kg	U
SEE10091614PML1	10/9/2010	4-Methyl-2-pentanone	27	ug/Kg	U
SEE10061205PML1	10/6/2010	4-Methyl-2-pentanone	27	ug/Kg	U
SEE10041150JDF1	10/4/2010	4-Methyl-2-pentanone	27	ug/Kg	U
SEE09251135JDF1	9/25/2010	4-Methyl-2-pentanone	27	ug/Kg	U
SEE09221440JDF1	9/22/2010	4-Methyl-2-pentanone	27	ug/Kg	U
SEE09170839RCM1	9/17/2010	4-Methyl-2-pentanone	27	ug/Kg	U
SEE09151015PML1	9/15/2010	4-Methyl-2-pentanone	27	ug/Kg	U
SEE10141150JDF1	10/14/2010	4-Methyl-2-pentanone	26	ug/Kg	U
SEE10141550JDF1	10/14/2010	4-Methyl-2-pentanone	26	ug/Kg	U
SEE10141550JDF1	10/14/2010	4-Methyl-2-pentanone	26	ug/Kg	U
SEE10121155JDF1	10/12/2010	4-Methyl-2-pentanone	26	ug/Kg	U
SEE09271130JDF1	9/27/2010	4-Methyl-2-pentanone	26	ug/Kg	U
SEE09131125PML1	9/13/2010	4-Methyl-2-pentanone	26	ug/Kg	U

**TABLE B-2b**  
**Upstream Sediment Samples (Morrow Lake)**

Sample ID	Sample Date	Analyte	Result	Unit	Data Qualifier
SEE09091010PML1	9/9/2010	4-Methyl-2-pentanone	26	ug/Kg	U
SEE09091145PML1	9/9/2010	4-Methyl-2-pentanone	26	ug/Kg	U
SEE09091410PML1	9/9/2010	4-Methyl-2-pentanone	26	ug/Kg	U
SEE09061130MHS1	9/6/2010	4-Methyl-2-pentanone	26	ug/Kg	U
SEE09011145PML1	9/1/2010	4-Methyl-2-pentanone	26	ug/Kg	U
SEE08301638MHS1	8/30/2010	4-Methyl-2-pentanone	26	ug/Kg	U
SEE10151055ARM1	10/15/2010	4-Methyl-2-pentanone	25	ug/Kg	U
SEE10121415ARM1	10/12/2010	4-Methyl-2-pentanone	25	ug/Kg	U
SEE10111125JDF1	10/11/2010	4-Methyl-2-pentanone	25	ug/Kg	U
SEE10031425JDF1	10/3/2010	4-Methyl-2-pentanone	25	ug/Kg	U
SEE09291035JDF1	9/29/2010	4-Methyl-2-pentanone	25	ug/Kg	U
SEE09220935RCM1	9/22/2010	4-Methyl-2-pentanone	25	ug/Kg	U
SEE09111015PML1	9/11/2010	4-Methyl-2-pentanone	25	ug/Kg	U
SEE09051015PML1	9/5/2010	4-Methyl-2-pentanone	25	ug/Kg	U
SEE08301445JRP1	8/30/2010	4-Methyl-2-pentanone	25	ug/Kg	U
SEE08271536TWH1	8/27/2010	4-Methyl-2-pentanone	25	ug/kg	U
SEE10161415JDF1	10/16/2010	4-Methyl-2-pentanone	24	ug/Kg	U
SEE10040945JDF1	10/4/2010	4-Methyl-2-pentanone	24	ug/Kg	U
SEE09230955RCM1	9/23/2010	4-Methyl-2-pentanone	24	ug/Kg	U
SEE09211530JDF1	9/21/2010	4-Methyl-2-pentanone	24	ug/Kg	U
SEE09170945PML1	9/17/2010	4-Methyl-2-pentanone	24	ug/Kg	U
SEE09171125PML1	9/17/2010	4-Methyl-2-pentanone	24	ug/Kg	U
SEE09130955JRP1	9/13/2010	4-Methyl-2-pentanone	24	ug/Kg	U
SEE09091605PML1	9/9/2010	4-Methyl-2-pentanone	24	ug/Kg	U
SEE09041350PML1	9/4/2010	4-Methyl-2-pentanone	24	ug/Kg	U
SEE10071205PML1	10/7/2010	4-Methyl-2-pentanone	23	ug/Kg	U
SEE10071540PML1	10/7/2010	4-Methyl-2-pentanone	23	ug/Kg	U
SEE10041335JDF1	10/4/2010	4-Methyl-2-pentanone	23	ug/Kg	U
SEE09271025ARM1	9/27/2010	4-Methyl-2-pentanone	23	ug/Kg	U
SEE09171530PML1	9/17/2010	4-Methyl-2-pentanone	23	ug/Kg	U
SEE09051430PML1	9/5/2010	4-Methyl-2-pentanone	23	ug/Kg	U
SEE10150945JDF1	10/15/2010	4-Methyl-2-pentanone	22	ug/Kg	U
SEE10111011JDF1	10/11/2010	4-Methyl-2-pentanone	22	ug/Kg	U
SEE10111350JDF1	10/11/2010	4-Methyl-2-pentanone	22	ug/Kg	U
SEE10061051RCM1	10/6/2010	4-Methyl-2-pentanone	22	ug/Kg	U
SEE10041355ARM1	10/4/2010	4-Methyl-2-pentanone	22	ug/Kg	U
SEE09271515JDF1	9/27/2010	4-Methyl-2-pentanone	22	ug/Kg	U
SEE09221105JDF1	9/22/2010	4-Methyl-2-pentanone	22	ug/Kg	U
SEE09130940PML1	9/13/2010	4-Methyl-2-pentanone	22	ug/Kg	U
SEE08281540JRP1	8/28/2010	4-Methyl-2-pentanone	22	ug/kg	U
SEE10121030JDF1	10/12/2010	4-Methyl-2-pentanone	21	ug/Kg	U
SEE09290925JDF1	9/29/2010	4-Methyl-2-pentanone	21	ug/Kg	U
SEE09091025JRP1	9/9/2010	4-Methyl-2-pentanone	21	ug/Kg	U
SEE09011635PML1	9/1/2010	4-Methyl-2-pentanone	21	ug/Kg	U
SEE08301520JRP1	8/30/2010	4-Methyl-2-pentanone	21	ug/Kg	U
SEE08261445JRP1	8/26/2010	4-Methyl-2-pentanone	21	ug/Kg	U
ML-03-S-082510	8/25/2010	4-Methyl-2-pentanone	21	mg/Kg	U
ML-06-S-082510	8/25/2010	4-Methyl-2-pentanone	21	mg/Kg	U
ML-07-S-082410	8/24/2010	4-Methyl-2-pentanone	21	mg/Kg	UJ
SEE10161055JDF1	10/16/2010	4-Methyl-2-pentanone	20	ug/Kg	U
SEE10151355ARM1	10/15/2010	4-Methyl-2-pentanone	20	ug/Kg	U
SEE10071415ARM1	10/7/2010	4-Methyl-2-pentanone	20	ug/Kg	U
SEE09031140MHS1	9/3/2010	4-Methyl-2-pentanone	20	ug/Kg	U
SEB08281400JLS1	8/28/2010	4-Methyl-2-pentanone	20	ug/kg	U
SEE10041050JDF1	10/4/2010	4-Methyl-2-pentanone	19	ug/Kg	U
SEE09301255MAE1	9/30/2010	4-Methyl-2-pentanone	19	ug/Kg	U
SEE09291645JDF1	9/29/2010	4-Methyl-2-pentanone	19	ug/Kg	U
SEE09051550MHS1	9/5/2010	4-Methyl-2-pentanone	19	ug/Kg	U
SEE09031645MHS1	9/3/2010	4-Methyl-2-pentanone	19	ug/Kg	U
ML-08-S-082410	8/24/2010	4-Methyl-2-pentanone	19	mg/Kg	UJ

**TABLE B-2b**  
**Upstream Sediment Samples (Morrow Lake)**

Sample ID	Sample Date	Analyte	Result	Unit	Data Qualifier
ML-06-S-082310	8/23/2010	4-Methyl-2-pentanone	19	mg/Kg	U
ML-08-S-082110	8/21/2010	4-Methyl-2-pentanone	19	mg/Kg	U
ML-06-S-082010	8/20/2010	4-Methyl-2-pentanone	19	mg/Kg	U
ML-10-S-081910	8/19/2010	4-Methyl-2-pentanone	19	mg/Kg	U
ML-10-S-081910	8/19/2010	4-Methyl-2-pentanone	19	mg/Kg	U
ML-09-S-081810	8/18/2010	4-Methyl-2-pentanone	19	mg/Kg	UJ
SEE10041138RCM1	10/4/2010	4-Methyl-2-pentanone	18	ug/Kg	U
SEE09221615JDF1	9/22/2010	4-Methyl-2-pentanone	18	ug/Kg	U
SEE09191445RCM1	9/19/2010	4-Methyl-2-pentanone	18	ug/Kg	U
SEE08311010JRP1	8/31/2010	4-Methyl-2-pentanone	18	ug/Kg	U
ML-08-S-082510	8/25/2010	4-Methyl-2-pentanone	18	mg/Kg	U
ML-10-S-082410	8/24/2010	4-Methyl-2-pentanone	18	mg/Kg	UJ
ML-10-S-082410	8/24/2010	4-Methyl-2-pentanone	18	mg/Kg	UJ
ML-07-S-082110	8/21/2010	4-Methyl-2-pentanone	18	mg/Kg	U
ML-10-S-082110	8/21/2010	4-Methyl-2-pentanone	18	mg/Kg	U
ML-10-S-082110	8/21/2010	4-Methyl-2-pentanone	18	mg/Kg	U
ML-07-S-081810	8/18/2010	4-Methyl-2-pentanone	18	mg/Kg	UJ
SEE09250905RCM1	9/25/2010	4-Methyl-2-pentanone	17	ug/Kg	U
SEE09200911RCM1	9/20/2010	4-Methyl-2-pentanone	17	ug/Kg	U
SEE09090900JRP1	9/9/2010	4-Methyl-2-pentanone	17	ug/Kg	U
SEE09011545MHS1	9/1/2010	4-Methyl-2-pentanone	17	ug/Kg	U
ML-04-S-082410	8/24/2010	4-Methyl-2-pentanone	17	mg/Kg	UJ
ML-03-S-082310	8/23/2010	4-Methyl-2-pentanone	17	mg/Kg	U
ML-10-S-082110-D	8/21/2010	4-Methyl-2-pentanone	17	mg/Kg	U
ML-10-S-082110-D	8/21/2010	4-Methyl-2-pentanone	17	mg/Kg	U
ML-05-S-082010	8/20/2010	4-Methyl-2-pentanone	17	mg/Kg	U
ML-01-S-081610	8/16/2010	4-Methyl-2-pentanone	17	mg/Kg	U
ML-07-S-081610	8/16/2010	4-Methyl-2-pentanone	17	mg/Kg	U
ML-08-S-081610-D	8/16/2010	4-Methyl-2-pentanone	17	mg/Kg	U
ML-10-S-081610	8/16/2010	4-Methyl-2-pentanone	17	mg/Kg	U
ML-10-S-081610	8/16/2010	4-Methyl-2-pentanone	17	mg/Kg	U
SEE10170915JDF1	10/17/2010	4-Methyl-2-pentanone	16	ug/Kg	U
SEE09291135JDF1	9/29/2010	4-Methyl-2-pentanone	16	ug/Kg	U
SEE09260930RCM1	9/26/2010	4-Methyl-2-pentanone	16	ug/Kg	U
ML-04-S-082610	8/26/2010	4-Methyl-2-pentanone	16	mg/Kg	U
ML-10-S-082610	8/26/2010	4-Methyl-2-pentanone	16	mg/Kg	U
ML-10-S-082610	8/26/2010	4-Methyl-2-pentanone	16	mg/Kg	U
ML-01-S-082510	8/25/2010	4-Methyl-2-pentanone	16	mg/Kg	U
ML-09-S-082510	8/25/2010	4-Methyl-2-pentanone	16	mg/Kg	U
ML-05-S-082310	8/23/2010	4-Methyl-2-pentanone	16	mg/Kg	U
ML-02-S-081710	8/17/2010	4-Methyl-2-pentanone	16	mg/Kg	U
ML-06-S-081710	8/17/2010	4-Methyl-2-pentanone	16	mg/Kg	U
ML-08-S-081610	8/16/2010	4-Methyl-2-pentanone	16	mg/Kg	U
SEE09201110ARM1	9/20/2010	4-Methyl-2-pentanone	15	ug/Kg	U
SEE08301530JAW1	8/30/2010	4-Methyl-2-pentanone	15	ug/Kg	U
ML-09-S-082410	8/24/2010	4-Methyl-2-pentanone	15	mg/Kg	UJ
SEE10071151RCM1	10/7/2010	4-Methyl-2-pentanone	14	ug/Kg	U
SEE09211112RCM1	9/21/2010	4-Methyl-2-pentanone	14	ug/Kg	U
SEE08311348MHS1	8/31/2010	4-Methyl-2-pentanone	14	ug/Kg	U
SEE08300920JRP1	8/30/2010	4-Methyl-2-pentanone	14	ug/Kg	U
ML-02-S-082510	8/25/2010	4-Methyl-2-pentanone	14	mg/Kg	U
ML-01-S-082110	8/21/2010	4-Methyl-2-pentanone	14	mg/Kg	U
ML-09-S-082110	8/21/2010	4-Methyl-2-pentanone	14	mg/Kg	U
ML-04-S-081710	8/17/2010	4-Methyl-2-pentanone	14	mg/Kg	U
ML-02-S-082310	8/23/2010	4-Methyl-2-pentanone	13	mg/Kg	U
ML-01-S-081910	8/19/2010	4-Methyl-2-pentanone	13	mg/Kg	U
ML-05-S-081710	8/17/2010	4-Methyl-2-pentanone	13	mg/Kg	U
SEE10141025ARM1	10/14/2010	4-Methyl-2-pentanone	12	ug/Kg	U
SEE09130915JRP1	9/13/2010	4-Methyl-2-pentanone	12	ug/Kg	U
ML-04-S-082010	8/20/2010	4-Methyl-2-pentanone	12	mg/Kg	U

**TABLE B-2b**  
**Upstream Sediment Samples (Morrow Lake)**

Sample ID	Sample Date	Analyte	Result	Unit	Data Qualifier
SEE10091200ARM1	10/9/2010	4-Methyl-2-pentanone	11	ug/Kg	U
SEE09291023RCM1	9/29/2010	4-Methyl-2-pentanone	11	ug/Kg	U
SEE09171445RCM1	9/17/2010	4-Methyl-2-pentanone	11	ug/Kg	U
SEE09161035RCM1	9/16/2010	4-Methyl-2-pentanone	11	ug/Kg	U
SEE08271445JRP1	8/27/2010	4-Methyl-2-pentanone	11	ug/kg	U
ML-02-S-082010	8/20/2010	4-Methyl-2-pentanone	11	mg/Kg	U
ML-03-S-081610	8/16/2010	4-Methyl-2-pentanone	11	mg/Kg	U
SEE09141312RCM1	9/14/2010	4-Methyl-2-pentanone	10	ug/Kg	U
ML-03-S-082010	8/20/2010	4-Methyl-2-pentanone	9.5	mg/Kg	U
SEE10051415ARM1	10/5/2010	4-Methyl-2-pentanone	8.7	ug/Kg	U
SEE09061610JAW1	9/6/2010	4-Methyl-2-pentanone	8.5	ug/Kg	U
ML-05-S-082610	8/26/2010	4-Methyl-2-pentanone	8.3	mg/Kg	U
SEE10011125ARM1	10/1/2010	4-Methyl-2-pentanone	8.2	ug/Kg	U
SEE08261700JRP1	8/26/2010	4-Methyl-2-pentanone	8.2	ug/Kg	U
SEE09051500MHS1	9/5/2010	4-Methyl-2-pentanone	8.0	ug/Kg	U
SEE10171535ARM1	10/17/2010	4-Methyl-2-pentanone	7.9	ug/Kg	U
SEE09231035ARM1	9/23/2010	4-Methyl-2-pentanone	7.9	ug/Kg	U
SEE09171200ARM1	9/17/2010	4-Methyl-2-pentanone	7.9	ug/Kg	U
SEE10081035ARM1	10/8/2010	4-Methyl-2-pentanone	7.6	ug/Kg	U
SEE09100945RCM1	9/10/2010	4-Methyl-2-pentanone	7.5	ug/Kg	U
SEE09211120ARM1	9/21/2010	4-Methyl-2-pentanone	7.4	ug/Kg	U
SEB09011143JLS1	9/1/2010	4-Methyl-2-pentanone	7.1	ug/Kg	U
SEE08301410JRP1	8/30/2010	4-Methyl-2-pentanone	7.0	ug/Kg	U
SEE09281445RCM1	9/28/2010	4-Methyl-2-pentanone	6.5	ug/Kg	U
SEE09271500ARM1	9/27/2010	4-Methyl-2-pentanone	6.2	ug/Kg	U
SEE09170935RCM1	9/17/2010	4-Methyl-2-pentanone	6.1	ug/Kg	U
SEF10011045TDF1	10/1/2010	4-Methyl-2-pentanone	6.0	ug/Kg	U
SEE09150915JRP1	9/15/2010	4-Methyl-2-pentanone	6.0	ug/Kg	U
SEE10011043RCM1	10/1/2010	4-Methyl-2-pentanone	5.8	ug/Kg	U
SEE09290915MAE1	9/29/2010	4-Methyl-2-pentanone	5.8	ug/Kg	U
SEE10131035ARM1	10/13/2010	4-Methyl-2-pentanone	5.5	ug/Kg	U
SEE10071045ARM1	10/7/2010	4-Methyl-2-pentanone	5.5	ug/Kg	U
SEE10041045ARM1	10/4/2010	4-Methyl-2-pentanone	5.5	ug/Kg	U
SEF10151030PMB3	10/15/2010	4-Methyl-2-pentanone	5.4	ug/Kg	U
SEF10081108TDF3	10/8/2010	4-Methyl-2-pentanone	5.4	ug/Kg	U
SEE09251235ARM1	9/25/2010	4-Methyl-2-pentanone	5.4	ug/Kg	U
SEF10051206TDF3	10/5/2010	4-Methyl-2-pentanone	5.3	ug/Kg	U
SEE09140945JRP1	9/14/2010	4-Methyl-2-pentanone	5.3	ug/Kg	U
SEE09080930JRP1	9/8/2010	4-Methyl-2-pentanone	5.3	ug/Kg	U
SEE09011515JAW1	9/1/2010	4-Methyl-2-pentanone	5.3	ug/Kg	U
SEE08301100JRP1	8/30/2010	4-Methyl-2-pentanone	5.3	ug/Kg	U
SEE10121040ARM1	10/12/2010	4-Methyl-2-pentanone	5.2	ug/Kg	U
SEF10121130PMB3	10/12/2010	4-Methyl-2-pentanone	5.2	ug/Kg	U
SEE09221045ARM1	9/22/2010	4-Methyl-2-pentanone	5.2	ug/Kg	U
SEE09100920JRP1	9/10/2010	4-Methyl-2-pentanone	5.1	ug/Kg	U
SEE09301025MAE1	9/30/2010	4-Methyl-2-pentanone	5.0	ug/Kg	U
SEE09051500JAW1	9/5/2010	4-Methyl-2-pentanone	5.0	ug/Kg	U
SEE10051145RCM1	10/5/2010	4-Methyl-2-pentanone	4.9	ug/Kg	U
SEE09070930JRP1	9/7/2010	4-Methyl-2-pentanone	4.9	ug/Kg	U
SEE10061135ARM1	10/6/2010	4-Methyl-2-pentanone	4.8	ug/Kg	U
SEE10181030JWP1	10/18/2010	4-Methyl-2-pentanone	4.6	ug/Kg	U
SEF09281139TDF1	9/28/2010	4-Methyl-2-pentanone	4.3	ug/Kg	U
SEE09231205RCM1	9/23/2010	4-Methyl-2-pentanone	3.3	ug/Kg	U
SEE09011635PML1	9/1/2010	4-Nitroaniline	6000	ug/Kg	U
SEE09051430PML1	9/5/2010	4-Nitroaniline	5900	ug/Kg	U
SEE08271145RCM1	8/27/2010	4-Nitroaniline	4100	ug/kg	U
SEE10211035JDF1	10/21/2010	4-Nitroaniline	4000	ug/Kg	UJ
SEE10211430JDF1	10/21/2010	4-Nitroaniline	3600	ug/Kg	U
SEE10191005JDF1	10/19/2010	4-Nitroaniline	3600	ug/Kg	U
SEE08261620RCM1	8/26/2010	4-Nitroaniline	3600	ug/kg	U

**TABLE B-2b**  
**Upstream Sediment Samples (Morrow Lake)**

Sample ID	Sample Date	Analyte	Result	Unit	Data Qualifier
SEE10221110JDF1	10/22/2010	4-Nitroaniline	3400	ug/Kg	U
SEE10221110JDF1	10/22/2010	4-Nitroaniline	3400	ug/Kg	U
SEE10191515JDF1	10/19/2010	4-Nitroaniline	3400	ug/Kg	U
SEE10191415JDF1	10/19/2010	4-Nitroaniline	3300	ug/Kg	U
SEE10211010JWP1	10/21/2010	4-Nitroaniline	3200	ug/Kg	U
SEE10191155JDF1	10/19/2010	4-Nitroaniline	3200	ug/Kg	U
SEE10191100JDF1	10/19/2010	4-Nitroaniline	3000	ug/Kg	U
SEE08261420RCM1	8/26/2010	4-Nitroaniline	3000	ug/kg	U
SEE10221055DWS1	10/22/2010	4-Nitroaniline	2900	ug/Kg	U
SEE10191010JWP1	10/19/2010	4-Nitroaniline	2800	ug/Kg	U
SEE08281607TWH1	8/28/2010	4-Nitroaniline	2100	ug/kg	U
SEE08281630RCM1	8/28/2010	4-Nitroaniline	2100	ug/kg	U
SEE10051125PML1	10/5/2010	4-Nitroaniline	1800	ug/Kg	U
SEE09301105JDF1	9/30/2010	4-Nitroaniline	1800	ug/Kg	U
SEE09061500PML1	9/6/2010	4-Nitroaniline	1800	ug/Kg	U
SEE09021400PML1	9/2/2010	4-Nitroaniline	1800	ug/Kg	U
SEE08301130PML1	8/30/2010	4-Nitroaniline	1800	ug/Kg	U
SEE08281505PML1	8/28/2010	4-Nitroaniline	1800	ug/kg	U
SEE08271215PML1	8/27/2010	4-Nitroaniline	1800	ug/kg	U
SEE10171410JDF1	10/17/2010	4-Nitroaniline	1700	ug/Kg	U
SEE10131150JDF1	10/13/2010	4-Nitroaniline	1700	ug/Kg	U
SEE10081115PML1	10/8/2010	4-Nitroaniline	1700	ug/Kg	U
SEE09301255JDF1	9/30/2010	4-Nitroaniline	1700	ug/Kg	U
SEE09231645JDF1	9/23/2010	4-Nitroaniline	1700	ug/Kg	U
SEE09181235PML1	9/18/2010	4-Nitroaniline	1700	ug/Kg	U
SEE09141135PML1	9/14/2010	4-Nitroaniline	1700	ug/Kg	U
SEE09121105RCM1	9/12/2010	4-Nitroaniline	1700	ug/Kg	UJ
SEE09101022PML1	9/10/2010	4-Nitroaniline	1700	ug/Kg	U
SEE09101215PML1	9/10/2010	4-Nitroaniline	1700	ug/Kg	U
SEE09091410RCM1	9/9/2010	4-Nitroaniline	1700	ug/Kg	U
SEE09081020RCM1	9/8/2010	4-Nitroaniline	1700	ug/Kg	U
SEE09031645MHS1	9/3/2010	4-Nitroaniline	1700	ug/Kg	U
SEE09011545MHS1	9/1/2010	4-Nitroaniline	1700	ug/Kg	U
SEE09011545PML1	9/1/2010	4-Nitroaniline	1700	ug/Kg	U
SEE08311420PML1	8/31/2010	4-Nitroaniline	1700	ug/Kg	U
SEE08311420PML1	8/31/2010	4-Nitroaniline	1700	ug/Kg	U
SEE08271500PML1	8/27/2010	4-Nitroaniline	1700	ug/kg	U
SEE08271614TWH1	8/27/2010	4-Nitroaniline	1700	ug/kg	U
SEE10221450DWS1	10/22/2010	4-Nitroaniline	1600	ug/Kg	U
SEE10181035JDF1	10/18/2010	4-Nitroaniline	1600	ug/Kg	U
SEE10091401PML1	10/9/2010	4-Nitroaniline	1600	ug/Kg	UJ
SEE10091614PML1	10/9/2010	4-Nitroaniline	1600	ug/Kg	UJ
SEE10051653PML1	10/5/2010	4-Nitroaniline	1600	ug/Kg	U
SEE10041530JDF1	10/4/2010	4-Nitroaniline	1600	ug/Kg	U
SEE09291023RCM1	9/29/2010	4-Nitroaniline	1600	ug/Kg	U
SEE09231210JDF1	9/23/2010	4-Nitroaniline	1600	ug/Kg	U
SEE09141515PML1	9/14/2010	4-Nitroaniline	1600	ug/Kg	U
SEE09131026RCM1	9/13/2010	4-Nitroaniline	1600	ug/Kg	U
SEE09121436RCM1	9/12/2010	4-Nitroaniline	1600	ug/Kg	UJ
SEE09101625PML1	9/10/2010	4-Nitroaniline	1600	ug/Kg	U
SEE09061525MHS1	9/6/2010	4-Nitroaniline	1600	ug/Kg	U
SEE09051130PML1	9/5/2010	4-Nitroaniline	1600	ug/Kg	U
SEE09051550MHS1	9/5/2010	4-Nitroaniline	1600	ug/Kg	U
SEE09030925PML1	9/3/2010	4-Nitroaniline	1600	ug/Kg	U
SEE09031100PML1	9/3/2010	4-Nitroaniline	1600	ug/Kg	U
SEE09021010PML1	9/2/2010	4-Nitroaniline	1600	ug/Kg	U
SEE08301550PML1	8/30/2010	4-Nitroaniline	1600	ug/Kg	U
SEE08301638MHS1	8/30/2010	4-Nitroaniline	1600	ug/Kg	U
SEE10181510JDF1	10/18/2010	4-Nitroaniline	1500	ug/Kg	U
SEE10181510JDF1	10/18/2010	4-Nitroaniline	1500	ug/Kg	U

**TABLE B-2b**  
**Upstream Sediment Samples (Morrow Lake)**

Sample ID	Sample Date	Analyte	Result	Unit	Data Qualifier
SEE10171115JDF1	10/17/2010	4-Nitroaniline	1500	ug/Kg	U
SEE10141015JDF1	10/14/2010	4-Nitroaniline	1500	ug/Kg	U
SEE10141150JDF1	10/14/2010	4-Nitroaniline	1500	ug/Kg	U
SEE10141555ARM1	10/14/2010	4-Nitroaniline	1500	ug/Kg	U
SEE10121155JDF1	10/12/2010	4-Nitroaniline	1500	ug/Kg	U
SEE10101010PML1	10/10/2010	4-Nitroaniline	1500	ug/Kg	U
SEE10101215PML1	10/10/2010	4-Nitroaniline	1500	ug/Kg	U
SEE10101215PML1	10/10/2010	4-Nitroaniline	1500	ug/Kg	U
SEE10081051RCM1	10/8/2010	4-Nitroaniline	1500	ug/Kg	U
SEE10061051RCM1	10/6/2010	4-Nitroaniline	1500	ug/Kg	U
SEE10061205PML1	10/6/2010	4-Nitroaniline	1500	ug/Kg	U
SEE10041138RCM1	10/4/2010	4-Nitroaniline	1500	ug/Kg	U
SEE10031115JDF1	10/3/2010	4-Nitroaniline	1500	ug/Kg	U
SEE10031115JDF1	10/3/2010	4-Nitroaniline	1500	ug/Kg	U
SEE09260930RCM1	9/26/2010	4-Nitroaniline	1500	ug/Kg	U
SEE09261625JDF1	9/26/2010	4-Nitroaniline	1500	ug/Kg	U
SEE09261625JDF1	9/26/2010	4-Nitroaniline	1500	ug/Kg	U
SEE09251135JDF1	9/25/2010	4-Nitroaniline	1500	ug/Kg	U
SEE09220935RCM1	9/22/2010	4-Nitroaniline	1500	ug/Kg	U
SEE09200945PML1	9/20/2010	4-Nitroaniline	1500	ug/Kg	U
SEE09200945PML1	9/20/2010	4-Nitroaniline	1500	ug/Kg	U
SEE09191040PML1	9/19/2010	4-Nitroaniline	1500	ug/Kg	U
SEE09191445RCM1	9/19/2010	4-Nitroaniline	1500	ug/Kg	U
SEE09191530PML1	9/19/2010	4-Nitroaniline	1500	ug/Kg	U
SEE09181705PML1	9/18/2010	4-Nitroaniline	1500	ug/Kg	U
SEE09170839RCM1	9/17/2010	4-Nitroaniline	1500	ug/Kg	UJ
SEE09171415PML1	9/17/2010	4-Nitroaniline	1500	ug/Kg	UJ
SEE09161045PML1	9/16/2010	4-Nitroaniline	1500	ug/Kg	U
SEE09151145PML1	9/15/2010	4-Nitroaniline	1500	ug/Kg	U
SEE09151145PML1	9/15/2010	4-Nitroaniline	1500	ug/Kg	U
SEE09140945PML1	9/14/2010	4-Nitroaniline	1500	ug/Kg	U
SEE09131445RCM1	9/13/2010	4-Nitroaniline	1500	ug/Kg	U
SEE09131505PML1	9/13/2010	4-Nitroaniline	1500	ug/Kg	U
SEE09121055PML1	9/12/2010	4-Nitroaniline	1500	ug/Kg	UJ
SEE09121055PML1	9/12/2010	4-Nitroaniline	1500	ug/Kg	UJ
SEE09091005RCM1	9/9/2010	4-Nitroaniline	1500	ug/Kg	U
SEE09091515PML1	9/9/2010	4-Nitroaniline	1500	ug/Kg	U
SEE09081010PML1	9/8/2010	4-Nitroaniline	1500	ug/Kg	U
SEE09081205PML1	9/8/2010	4-Nitroaniline	1500	ug/Kg	U
SEE09071050PML1	9/7/2010	4-Nitroaniline	1500	ug/Kg	U
SEE09061105PML1	9/6/2010	4-Nitroaniline	1500	ug/Kg	U
SEE09031140MHS1	9/3/2010	4-Nitroaniline	1500	ug/Kg	U
SEE09031650PML1	9/3/2010	4-Nitroaniline	1500	ug/Kg	U
SEE09031650PML1	9/3/2010	4-Nitroaniline	1500	ug/Kg	U
SEE08311045PML1	8/31/2010	4-Nitroaniline	1500	ug/Kg	U
SEE08301145MHS1	8/30/2010	4-Nitroaniline	1500	ug/Kg	U
SEE08291110PML1	8/29/2010	4-Nitroaniline	1500	ug/kg	U
SEE10211345JWP1	10/21/2010	4-Nitroaniline	1400	ug/Kg	U
SEE10181210JDF1	10/18/2010	4-Nitroaniline	1400	ug/Kg	U
SEE10181430JWP1	10/18/2010	4-Nitroaniline	1400	ug/Kg	U
SEE10161115ARM1	10/16/2010	4-Nitroaniline	1400	ug/Kg	U
SEE10161530JDF1	10/16/2010	4-Nitroaniline	1400	ug/Kg	U
SEE10150945JDF1	10/15/2010	4-Nitroaniline	1400	ug/Kg	U
SEE10141550JDF1	10/14/2010	4-Nitroaniline	1400	ug/Kg	U
SEE10141550JDF1	10/14/2010	4-Nitroaniline	1400	ug/Kg	U
SEE10120930JDF1	10/12/2010	4-Nitroaniline	1400	ug/Kg	U
SEE10081231PML1	10/8/2010	4-Nitroaniline	1400	ug/Kg	U
SEE10071042RCM1	10/7/2010	4-Nitroaniline	1400	ug/Kg	U
SEE10071101PML1	10/7/2010	4-Nitroaniline	1400	ug/Kg	U
SEE10061640PML1	10/6/2010	4-Nitroaniline	1400	ug/Kg	U



**TABLE B-2b**  
**Upstream Sediment Samples (Morrow Lake)**

Sample ID	Sample Date	Analyte	Result	Unit	Data Qualifier
SEE10061640PML1	10/6/2010	4-Nitroaniline	1400	ug/Kg	U
SEE10041150JDF1	10/4/2010	4-Nitroaniline	1400	ug/Kg	U
SEE10011120JDF1	10/1/2010	4-Nitroaniline	1400	ug/Kg	U
SEE09301205RCM1	9/30/2010	4-Nitroaniline	1400	ug/Kg	U
SEE09271130JDF1	9/27/2010	4-Nitroaniline	1400	ug/Kg	U
SEE09261215JDF1	9/26/2010	4-Nitroaniline	1400	ug/Kg	U
SEE09230955RCM1	9/23/2010	4-Nitroaniline	1400	ug/Kg	U
SEE09221440JDF1	9/22/2010	4-Nitroaniline	1400	ug/Kg	U
SEE09211155JDF1	9/21/2010	4-Nitroaniline	1400	ug/Kg	U
SEE09201115RCM1	9/20/2010	4-Nitroaniline	1400	ug/Kg	U
SEE09171445RCM1	9/17/2010	4-Nitroaniline	1400	ug/Kg	UJ
SEE09161035RCM1	9/16/2010	4-Nitroaniline	1400	ug/Kg	U
SEE09151015PML1	9/15/2010	4-Nitroaniline	1400	ug/Kg	U
SEE09131620PML1	9/13/2010	4-Nitroaniline	1400	ug/Kg	U
SEE09121450PML1	9/12/2010	4-Nitroaniline	1400	ug/Kg	UJ
SEE09111015PML1	9/11/2010	4-Nitroaniline	1400	ug/Kg	UJ
SEE09040950PML1	9/4/2010	4-Nitroaniline	1400	ug/Kg	U
SEE09011050PML1	9/1/2010	4-Nitroaniline	1400	ug/Kg	U
SEE08301520JRP1	8/30/2010	4-Nitroaniline	1400	ug/Kg	U
SEE08281215PML1	8/28/2010	4-Nitroaniline	1400	ug/kg	U
SEE08281420TWH1	8/28/2010	4-Nitroaniline	1400	ug/kg	U
SEE08281510TWH1	8/28/2010	4-Nitroaniline	1400	ug/kg	U
SEE10111125JDF1	10/11/2010	4-Nitroaniline	1300	ug/Kg	U
SEE10031425JDF1	10/3/2010	4-Nitroaniline	1300	ug/Kg	U
SEE09291035JDF1	9/29/2010	4-Nitroaniline	1300	ug/Kg	U
SEE09250905RCM1	9/25/2010	4-Nitroaniline	1300	ug/Kg	U
SEE09211530JDF1	9/21/2010	4-Nitroaniline	1300	ug/Kg	U
SEE09170945PML1	9/17/2010	4-Nitroaniline	1300	ug/Kg	UJ
SEE09171125PML1	9/17/2010	4-Nitroaniline	1300	ug/Kg	UJ
SEE09130940PML1	9/13/2010	4-Nitroaniline	1300	ug/Kg	U
SEE09131125PML1	9/13/2010	4-Nitroaniline	1300	ug/Kg	U
SEE09091145PML1	9/9/2010	4-Nitroaniline	1300	ug/Kg	U
SEE09091410PML1	9/9/2010	4-Nitroaniline	1300	ug/Kg	U
SEE09091605PML1	9/9/2010	4-Nitroaniline	1300	ug/Kg	U
SEE09061130MHS1	9/6/2010	4-Nitroaniline	1300	ug/Kg	U
SEE09051015PML1	9/5/2010	4-Nitroaniline	1300	ug/Kg	U
SEE09041350PML1	9/4/2010	4-Nitroaniline	1300	ug/Kg	U
SEE09011255PML1	9/1/2010	4-Nitroaniline	1300	ug/Kg	U
SEE08301445JRP1	8/30/2010	4-Nitroaniline	1300	ug/Kg	U
SEE08291421KAP1	8/29/2010	4-Nitroaniline	1300	ug/kg	U
SEE08271652TWH1	8/27/2010	4-Nitroaniline	1300	ug/kg	U
SEE08261445JRP1	8/26/2010	4-Nitroaniline	1300	ug/Kg	U
SEE10161055JDF1	10/16/2010	4-Nitroaniline	1200	ug/Kg	U
SEE10161415JDF1	10/16/2010	4-Nitroaniline	1200	ug/Kg	U
SEE10151055ARM1	10/15/2010	4-Nitroaniline	1200	ug/Kg	U
SEE10121415ARM1	10/12/2010	4-Nitroaniline	1200	ug/Kg	U
SEE10111011JDF1	10/11/2010	4-Nitroaniline	1200	ug/Kg	U
SEE10111350JDF1	10/11/2010	4-Nitroaniline	1200	ug/Kg	U
SEE10071205PML1	10/7/2010	4-Nitroaniline	1200	ug/Kg	U
SEE10071540PML1	10/7/2010	4-Nitroaniline	1200	ug/Kg	U
SEE09301255MAE1	9/30/2010	4-Nitroaniline	1200	ug/Kg	U
SEE09290925JDF1	9/29/2010	4-Nitroaniline	1200	ug/Kg	U
SEE09271515JDF1	9/27/2010	4-Nitroaniline	1200	ug/Kg	U
SEE09221105JDF1	9/22/2010	4-Nitroaniline	1200	ug/Kg	U
SEE09221615JDF1	9/22/2010	4-Nitroaniline	1200	ug/Kg	U
SEE09211112RCM1	9/21/2010	4-Nitroaniline	1200	ug/Kg	U
SEE09201645ARM1	9/20/2010	4-Nitroaniline	1200	ug/Kg	U
SEE09171530PML1	9/17/2010	4-Nitroaniline	1200	ug/Kg	UJ
SEE09091010PML1	9/9/2010	4-Nitroaniline	1200	ug/Kg	U
SEE09091025JRP1	9/9/2010	4-Nitroaniline	1200	ug/Kg	U

**TABLE B-2b**  
**Upstream Sediment Samples (Morrow Lake)**

Sample ID	Sample Date	Analyte	Result	Unit	Data Qualifier
SEE09031115JAW1	9/3/2010	4-Nitroaniline	1200	ug/Kg	U
SEE09011145PML1	9/1/2010	4-Nitroaniline	1200	ug/Kg	U
SEE08301015JRP1	8/30/2010	4-Nitroaniline	1200	ug/Kg	U
SEE08301530JAW1	8/30/2010	4-Nitroaniline	1200	ug/Kg	U
SEE10121030JDF1	10/12/2010	4-Nitroaniline	1100	ug/Kg	U
SEE10040945JDF1	10/4/2010	4-Nitroaniline	1100	ug/Kg	U
SEE10041050JDF1	10/4/2010	4-Nitroaniline	1100	ug/Kg	U
SEE10041335JDF1	10/4/2010	4-Nitroaniline	1100	ug/Kg	U
SEE09291645JDF1	9/29/2010	4-Nitroaniline	1100	ug/Kg	U
SEE09271025ARM1	9/27/2010	4-Nitroaniline	1100	ug/Kg	U
SEE09231130ARM1	9/23/2010	4-Nitroaniline	1100	ug/Kg	U
SEE09141312RCM1	9/14/2010	4-Nitroaniline	1100	ug/Kg	U
SEE09130955JRP1	9/13/2010	4-Nitroaniline	1100	ug/Kg	U
SEF10221050MAE3	10/22/2010	4-Nitroaniline	1000	ug/Kg	U
SEE08291550KAP1	8/29/2010	4-Nitroaniline	1000	ug/kg	U
SEF10191135NAC3	10/19/2010	4-Nitroaniline	980	ug/Kg	U
SEE10151355ARM1	10/15/2010	4-Nitroaniline	960	ug/Kg	U
SEE10041355ARM1	10/4/2010	4-Nitroaniline	960	ug/Kg	U
SEE08311010JRP1	8/31/2010	4-Nitroaniline	940	ug/Kg	U
SEE09090900JRP1	9/9/2010	4-Nitroaniline	930	ug/Kg	U
SEE08311348MHS1	8/31/2010	4-Nitroaniline	930	ug/Kg	U
SEE10071415ARM1	10/7/2010	4-Nitroaniline	920	ug/Kg	U
SEE10170915JDF1	10/17/2010	4-Nitroaniline	910	ug/Kg	U
SEE09291135JDF1	9/29/2010	4-Nitroaniline	910	ug/Kg	U
SEE10191115JWP1	10/19/2010	4-Nitroaniline	870	ug/Kg	U
SEE10071151RCM1	10/7/2010	4-Nitroaniline	840	ug/Kg	U
SEE08291354KAP1	8/29/2010	4-Nitroaniline	840	ug/kg	U
SEE08300920JRP1	8/30/2010	4-Nitroaniline	810	ug/Kg	U
SEE09051500MHS1	9/5/2010	4-Nitroaniline	750	ug/Kg	U
SEE10141025ARM1	10/14/2010	4-Nitroaniline	730	ug/Kg	U
SEE08291445PML1	8/29/2010	4-Nitroaniline	690	ug/kg	U
SEE10091200ARM1	10/9/2010	4-Nitroaniline	650	ug/Kg	UJ
SEE09130915JRP1	9/13/2010	4-Nitroaniline	650	ug/Kg	U
SEE09061610JAW1	9/6/2010	4-Nitroaniline	570	ug/Kg	U
SEE08271445JRP1	8/27/2010	4-Nitroaniline	570	ug/kg	U
SEE10051415ARM1	10/5/2010	4-Nitroaniline	560	ug/Kg	U
SEE08271536TWH1	8/27/2010	4-Nitroaniline	560	ug/kg	U
SEE10171535ARM1	10/17/2010	4-Nitroaniline	540	ug/Kg	U
SEB08281400JLS1	8/28/2010	4-Nitroaniline	530	ug/kg	U
SEE08261700JRP1	8/26/2010	4-Nitroaniline	530	ug/Kg	U
SEE09100945RCM1	9/10/2010	4-Nitroaniline	520	ug/Kg	U
SEE08281540JRP1	8/28/2010	4-Nitroaniline	520	ug/kg	U
SEE08301410JRP1	8/30/2010	4-Nitroaniline	510	ug/Kg	U
SEE10011125ARM1	10/1/2010	4-Nitroaniline	500	ug/Kg	U
SEE09211120ARM1	9/21/2010	4-Nitroaniline	490	ug/Kg	U
SEE09201110ARM1	9/20/2010	4-Nitroaniline	490	ug/Kg	U
SEE10081035ARM1	10/8/2010	4-Nitroaniline	470	ug/Kg	U
SEE09171200ARM1	9/17/2010	4-Nitroaniline	470	ug/Kg	UJ
SEF10011045TDF1	10/1/2010	4-Nitroaniline	460	ug/Kg	U
SEE09290915MAE1	9/29/2010	4-Nitroaniline	460	ug/Kg	U
SEE09200911RCM1	9/20/2010	4-Nitroaniline	460	ug/Kg	U
SEE09140945JRP1	9/14/2010	4-Nitroaniline	460	ug/Kg	U
SEE09271500ARM1	9/27/2010	4-Nitroaniline	450	ug/Kg	U
SEE09231205RCM1	9/23/2010	4-Nitroaniline	450	ug/Kg	U
SEE09281445RCM1	9/28/2010	4-Nitroaniline	440	ug/Kg	U
SEE09251235ARM1	9/25/2010	4-Nitroaniline	440	ug/Kg	U
SEE09150915JRP1	9/15/2010	4-Nitroaniline	440	ug/Kg	U
SEE09070930JRP1	9/7/2010	4-Nitroaniline	440	ug/Kg	U
SEE08301100JRP1	8/30/2010	4-Nitroaniline	440	ug/Kg	U
SEF10081108TDF3	10/8/2010	4-Nitroaniline	430	ug/Kg	U

**TABLE B-2b**  
**Upstream Sediment Samples (Morrow Lake)**

Sample ID	Sample Date	Analyte	Result	Unit	Data Qualifier
SEE10071045ARM1	10/7/2010	4-Nitroaniline	430	ug/Kg	U
SEE10041045ARM1	10/4/2010	4-Nitroaniline	430	ug/Kg	U
SEE10011043RCM1	10/1/2010	4-Nitroaniline	430	ug/Kg	U
SEE09231035ARM1	9/23/2010	4-Nitroaniline	430	ug/Kg	U
SEE09170935RCM1	9/17/2010	4-Nitroaniline	430	ug/Kg	UJ
SEF10151030PMB3	10/15/2010	4-Nitroaniline	420	ug/Kg	U
SEF10121130PMB3	10/12/2010	4-Nitroaniline	420	ug/Kg	U
SEF10051206TDF3	10/5/2010	4-Nitroaniline	420	ug/Kg	U
SEE09100920JRP1	9/10/2010	4-Nitroaniline	420	ug/Kg	U
SEE09051500JAW1	9/5/2010	4-Nitroaniline	420	ug/Kg	U
SEB09011143JLS1	9/1/2010	4-Nitroaniline	420	ug/Kg	U
SEE10061135ARM1	10/6/2010	4-Nitroaniline	410	ug/Kg	U
SEE10131035ARM1	10/13/2010	4-Nitroaniline	400	ug/Kg	U
SEE10051145RCM1	10/5/2010	4-Nitroaniline	400	ug/Kg	U
SEE09301025MAE1	9/30/2010	4-Nitroaniline	400	ug/Kg	U
SEE09221045ARM1	9/22/2010	4-Nitroaniline	400	ug/Kg	U
SEE09080930JRP1	9/8/2010	4-Nitroaniline	400	ug/Kg	U
SEE09011515JAW1	9/1/2010	4-Nitroaniline	400	ug/Kg	U
SEE10121040ARM1	10/12/2010	4-Nitroaniline	390	ug/Kg	U
SEF09281139TDF1	9/28/2010	4-Nitroaniline	390	ug/Kg	U
SEE10181030JWP1	10/18/2010	4-Nitroaniline	370	ug/Kg	U
ML-06-S-082310	8/23/2010	4-Nitroaniline	1.3	mg/Kg	U
ML-04-S-081710	8/17/2010	4-Nitroaniline	1.3	mg/Kg	U
ML-04-S-082610	8/26/2010	4-Nitroaniline	1.2	mg/Kg	U
ML-10-S-082610	8/26/2010	4-Nitroaniline	1.2	mg/Kg	U
ML-10-S-082610	8/26/2010	4-Nitroaniline	1.2	mg/Kg	U
ML-03-S-082310	8/23/2010	4-Nitroaniline	1.2	mg/Kg	U
ML-06-S-081710	8/17/2010	4-Nitroaniline	1.2	mg/Kg	U
ML-05-S-082310	8/23/2010	4-Nitroaniline	1.1	mg/Kg	U
ML-02-S-082310	8/23/2010	4-Nitroaniline	1.0	mg/Kg	U
ML-05-S-081710	8/17/2010	4-Nitroaniline	1.0	mg/Kg	U
ML-02-S-081710	8/17/2010	4-Nitroaniline	0.97	mg/Kg	U
ML-07-S-082110	8/21/2010	4-Nitroaniline	0.72	mg/Kg	U
ML-07-S-082410	8/24/2010	4-Nitroaniline	0.71	mg/Kg	UJ
ML-05-S-082610	8/26/2010	4-Nitroaniline	0.70	mg/Kg	U
ML-06-S-082510	8/25/2010	4-Nitroaniline	0.70	mg/Kg	U
ML-07-S-081610	8/16/2010	4-Nitroaniline	0.69	mg/Kg	U
ML-07-S-082510	8/25/2010	4-Nitroaniline	0.68	mg/Kg	U
ML-08-S-081610	8/16/2010	4-Nitroaniline	0.67	mg/Kg	U
ML-08-S-082510	8/25/2010	4-Nitroaniline	0.66	mg/Kg	U
ML-08-S-082110	8/21/2010	4-Nitroaniline	0.66	mg/Kg	U
ML-08-S-082410	8/24/2010	4-Nitroaniline	0.65	mg/Kg	UJ
ML-01-S-081610	8/16/2010	4-Nitroaniline	0.65	mg/Kg	U
ML-10-S-081610	8/16/2010	4-Nitroaniline	0.62	mg/Kg	U
ML-10-S-081610	8/16/2010	4-Nitroaniline	0.62	mg/Kg	U
ML-04-S-082410	8/24/2010	4-Nitroaniline	0.61	mg/Kg	UJ
ML-10-S-082410	8/24/2010	4-Nitroaniline	0.61	mg/Kg	UJ
ML-10-S-082410	8/24/2010	4-Nitroaniline	0.61	mg/Kg	UJ
ML-09-S-082110	8/21/2010	4-Nitroaniline	0.61	mg/Kg	U
ML-01-S-082510	8/25/2010	4-Nitroaniline	0.59	mg/Kg	U
ML-09-S-082510	8/25/2010	4-Nitroaniline	0.59	mg/Kg	U
ML-10-S-082110	8/21/2010	4-Nitroaniline	0.59	mg/Kg	U
ML-10-S-082110	8/21/2010	4-Nitroaniline	0.59	mg/Kg	U
ML-09-S-082410	8/24/2010	4-Nitroaniline	0.57	mg/Kg	UJ
ML-01-S-082110	8/21/2010	4-Nitroaniline	0.57	mg/Kg	U
ML-02-S-082510	8/25/2010	4-Nitroaniline	0.56	mg/Kg	U
ML-03-S-082510	8/25/2010	4-Nitroaniline	0.51	mg/Kg	U
ML-03-S-081610	8/16/2010	4-Nitroaniline	0.50	mg/Kg	U
SEE09051430PML1	9/5/2010	4-Nitrophenol	12000	ug/Kg	U
SEE09011635PML1	9/1/2010	4-Nitrophenol	12000	ug/Kg	U

**TABLE B-2b**  
**Upstream Sediment Samples (Morrow Lake)**

Sample ID	Sample Date	Analyte	Result	Unit	Data Qualifier
SEE08271145RCM1	8/27/2010	4-Nitrophenol	4100	ug/kg	U
SEE10211035JDF1	10/21/2010	4-Nitrophenol	4000	ug/Kg	UJ
SEE10051125PML1	10/5/2010	4-Nitrophenol	3700	ug/Kg	U
SEE09061500PML1	9/6/2010	4-Nitrophenol	3700	ug/Kg	U
SEE09021400PML1	9/2/2010	4-Nitrophenol	3700	ug/Kg	U
SEE08301130PML1	8/30/2010	4-Nitrophenol	3700	ug/Kg	U
SEE10211430JDF1	10/21/2010	4-Nitrophenol	3600	ug/Kg	U
SEE10191005JDF1	10/19/2010	4-Nitrophenol	3600	ug/Kg	U
SEE09301105JDF1	9/30/2010	4-Nitrophenol	3600	ug/Kg	U
SEE08261620RCM1	8/26/2010	4-Nitrophenol	3600	ug/kg	U
SEE10171410JDF1	10/17/2010	4-Nitrophenol	3500	ug/Kg	U
SEE09181235PML1	9/18/2010	4-Nitrophenol	3500	ug/Kg	U
SEE09101022PML1	9/10/2010	4-Nitrophenol	3500	ug/Kg	U
SEE09011545PML1	9/1/2010	4-Nitrophenol	3500	ug/Kg	U
SEE10221110JDF1	10/22/2010	4-Nitrophenol	3400	ug/Kg	U
SEE10221110JDF1	10/22/2010	4-Nitrophenol	3400	ug/Kg	U
SEE10191515JDF1	10/19/2010	4-Nitrophenol	3400	ug/Kg	U
SEE10131150JDF1	10/13/2010	4-Nitrophenol	3400	ug/Kg	U
SEE10081115PML1	10/8/2010	4-Nitrophenol	3400	ug/Kg	U
SEE09301255JDF1	9/30/2010	4-Nitrophenol	3400	ug/Kg	U
SEE09231645JDF1	9/23/2010	4-Nitrophenol	3400	ug/Kg	U
SEE09141135PML1	9/14/2010	4-Nitrophenol	3400	ug/Kg	U
SEE09121105RCM1	9/12/2010	4-Nitrophenol	3400	ug/Kg	U
SEE09101215PML1	9/10/2010	4-Nitrophenol	3400	ug/Kg	U
SEE09091410RCM1	9/9/2010	4-Nitrophenol	3400	ug/Kg	U
SEE09081020RCM1	9/8/2010	4-Nitrophenol	3400	ug/Kg	U
SEE09031645MHS1	9/3/2010	4-Nitrophenol	3400	ug/Kg	U
SEE09011545MHS1	9/1/2010	4-Nitrophenol	3400	ug/Kg	U
SEE08311420PML1	8/31/2010	4-Nitrophenol	3400	ug/Kg	U
SEE08311420PML1	8/31/2010	4-Nitrophenol	3400	ug/Kg	U
SEE10191415JDF1	10/19/2010	4-Nitrophenol	3300	ug/Kg	U
SEE10091401PML1	10/9/2010	4-Nitrophenol	3300	ug/Kg	U
SEE09121436RCM1	9/12/2010	4-Nitrophenol	3300	ug/Kg	U
SEE09051550MHS1	9/5/2010	4-Nitrophenol	3300	ug/Kg	U
SEE09030925PML1	9/3/2010	4-Nitrophenol	3300	ug/Kg	U
SEE10211010JWP1	10/21/2010	4-Nitrophenol	3200	ug/Kg	U
SEE10191155JDF1	10/19/2010	4-Nitrophenol	3200	ug/Kg	U
SEE10181035JDF1	10/18/2010	4-Nitrophenol	3200	ug/Kg	U
SEE10091614PML1	10/9/2010	4-Nitrophenol	3200	ug/Kg	U
SEE10051653PML1	10/5/2010	4-Nitrophenol	3200	ug/Kg	U
SEE10041530JDF1	10/4/2010	4-Nitrophenol	3200	ug/Kg	U
SEE09291023RCM1	9/29/2010	4-Nitrophenol	3200	ug/Kg	U
SEE09231210JDF1	9/23/2010	4-Nitrophenol	3200	ug/Kg	U
SEE09141515PML1	9/14/2010	4-Nitrophenol	3200	ug/Kg	U
SEE09131026RCM1	9/13/2010	4-Nitrophenol	3200	ug/Kg	U
SEE09101625PML1	9/10/2010	4-Nitrophenol	3200	ug/Kg	U
SEE09061525MHS1	9/6/2010	4-Nitrophenol	3200	ug/Kg	U
SEE09051130PML1	9/5/2010	4-Nitrophenol	3200	ug/Kg	U
SEE09031100PML1	9/3/2010	4-Nitrophenol	3200	ug/Kg	U
SEE09021010PML1	9/2/2010	4-Nitrophenol	3200	ug/Kg	U
SEE08301550PML1	8/30/2010	4-Nitrophenol	3200	ug/Kg	U
SEE08301638MHS1	8/30/2010	4-Nitrophenol	3200	ug/Kg	U
SEE10181510JDF1	10/18/2010	4-Nitrophenol	3100	ug/Kg	U
SEE10181510JDF1	10/18/2010	4-Nitrophenol	3100	ug/Kg	U
SEE10171115JDF1	10/17/2010	4-Nitrophenol	3100	ug/Kg	U
SEE10141015JDF1	10/14/2010	4-Nitrophenol	3100	ug/Kg	U
SEE10101215PML1	10/10/2010	4-Nitrophenol	3100	ug/Kg	U
SEE10101215PML1	10/10/2010	4-Nitrophenol	3100	ug/Kg	U
SEE10061205PML1	10/6/2010	4-Nitrophenol	3100	ug/Kg	U
SEE10031115JDF1	10/3/2010	4-Nitrophenol	3100	ug/Kg	U

**TABLE B-2b**  
**Upstream Sediment Samples (Morrow Lake)**

Sample ID	Sample Date	Analyte	Result	Unit	Data Qualifier
SEE10031115JDF1	10/3/2010	4-Nitrophenol	3100	ug/Kg	U
SEE09220935RCM1	9/22/2010	4-Nitrophenol	3100	ug/Kg	U
SEE09191445RCM1	9/19/2010	4-Nitrophenol	3100	ug/Kg	U
SEE09171415PML1	9/17/2010	4-Nitrophenol	3100	ug/Kg	U
SEE09161045PML1	9/16/2010	4-Nitrophenol	3100	ug/Kg	U
SEE09140945PML1	9/14/2010	4-Nitrophenol	3100	ug/Kg	U
SEE09131445RCM1	9/13/2010	4-Nitrophenol	3100	ug/Kg	U
SEE09131505PML1	9/13/2010	4-Nitrophenol	3100	ug/Kg	U
SEE09081205PML1	9/8/2010	4-Nitrophenol	3100	ug/Kg	U
SEE09071050PML1	9/7/2010	4-Nitrophenol	3100	ug/Kg	U
SEE08301145MHS1	8/30/2010	4-Nitrophenol	3100	ug/Kg	U
SEE10191100JDF1	10/19/2010	4-Nitrophenol	3000	ug/Kg	U
SEE10141150JDF1	10/14/2010	4-Nitrophenol	3000	ug/Kg	U
SEE10141555ARM1	10/14/2010	4-Nitrophenol	3000	ug/Kg	U
SEE10101010PML1	10/10/2010	4-Nitrophenol	3000	ug/Kg	U
SEE10081051RCM1	10/8/2010	4-Nitrophenol	3000	ug/Kg	U
SEE10061051RCM1	10/6/2010	4-Nitrophenol	3000	ug/Kg	U
SEE10041138RCM1	10/4/2010	4-Nitrophenol	3000	ug/Kg	U
SEE09261625JDF1	9/26/2010	4-Nitrophenol	3000	ug/Kg	U
SEE09261625JDF1	9/26/2010	4-Nitrophenol	3000	ug/Kg	U
SEE09251135JDF1	9/25/2010	4-Nitrophenol	3000	ug/Kg	U
SEE09200945PML1	9/20/2010	4-Nitrophenol	3000	ug/Kg	U
SEE09200945PML1	9/20/2010	4-Nitrophenol	3000	ug/Kg	U
SEE09191040PML1	9/19/2010	4-Nitrophenol	3000	ug/Kg	U
SEE09191530PML1	9/19/2010	4-Nitrophenol	3000	ug/Kg	U
SEE09181705PML1	9/18/2010	4-Nitrophenol	3000	ug/Kg	U
SEE09170839RCM1	9/17/2010	4-Nitrophenol	3000	ug/Kg	U
SEE09151145PML1	9/15/2010	4-Nitrophenol	3000	ug/Kg	U
SEE09151145PML1	9/15/2010	4-Nitrophenol	3000	ug/Kg	U
SEE09121055PML1	9/12/2010	4-Nitrophenol	3000	ug/Kg	U
SEE09121055PML1	9/12/2010	4-Nitrophenol	3000	ug/Kg	U
SEE09091005RCM1	9/9/2010	4-Nitrophenol	3000	ug/Kg	U
SEE09091515PML1	9/9/2010	4-Nitrophenol	3000	ug/Kg	U
SEE09081010PML1	9/8/2010	4-Nitrophenol	3000	ug/Kg	U
SEE09061105PML1	9/6/2010	4-Nitrophenol	3000	ug/Kg	U
SEE09031140MHS1	9/3/2010	4-Nitrophenol	3000	ug/Kg	U
SEE09031650PML1	9/3/2010	4-Nitrophenol	3000	ug/Kg	U
SEE09031650PML1	9/3/2010	4-Nitrophenol	3000	ug/Kg	U
SEE08311045PML1	8/31/2010	4-Nitrophenol	3000	ug/Kg	U
SEE08261420RCM1	8/26/2010	4-Nitrophenol	3000	ug/kg	U
SEE10221055DWS1	10/22/2010	4-Nitrophenol	2900	ug/Kg	U
SEE10181210JDF1	10/18/2010	4-Nitrophenol	2900	ug/Kg	U
SEE10161530JDF1	10/16/2010	4-Nitrophenol	2900	ug/Kg	U
SEE10150945JDF1	10/15/2010	4-Nitrophenol	2900	ug/Kg	U
SEE10141550JDF1	10/14/2010	4-Nitrophenol	2900	ug/Kg	U
SEE10141550JDF1	10/14/2010	4-Nitrophenol	2900	ug/Kg	U
SEE10120930JDF1	10/12/2010	4-Nitrophenol	2900	ug/Kg	U
SEE10121155JDF1	10/12/2010	4-Nitrophenol	2900	ug/Kg	U
SEE10081231PML1	10/8/2010	4-Nitrophenol	2900	ug/Kg	U
SEE10071042RCM1	10/7/2010	4-Nitrophenol	2900	ug/Kg	U
SEE10071101PML1	10/7/2010	4-Nitrophenol	2900	ug/Kg	U
SEE10011120JDF1	10/1/2010	4-Nitrophenol	2900	ug/Kg	U
SEE09260930RCM1	9/26/2010	4-Nitrophenol	2900	ug/Kg	U
SEE09261215JDF1	9/26/2010	4-Nitrophenol	2900	ug/Kg	U
SEE09230955RCM1	9/23/2010	4-Nitrophenol	2900	ug/Kg	U
SEE09221440JDF1	9/22/2010	4-Nitrophenol	2900	ug/Kg	U
SEE09151015PML1	9/15/2010	4-Nitrophenol	2900	ug/Kg	U
SEE09111015PML1	9/11/2010	4-Nitrophenol	2900	ug/Kg	UJ
SEE09011050PML1	9/1/2010	4-Nitrophenol	2900	ug/Kg	U
SEE10191010JWP1	10/19/2010	4-Nitrophenol	2800	ug/Kg	U

**TABLE B-2b**  
**Upstream Sediment Samples (Morrow Lake)**

Sample ID	Sample Date	Analyte	Result	Unit	Data Qualifier
SEE10181430JWP1	10/18/2010	4-Nitrophenol	2800	ug/Kg	U
SEE10161115ARM1	10/16/2010	4-Nitrophenol	2800	ug/Kg	U
SEE10061640PML1	10/6/2010	4-Nitrophenol	2800	ug/Kg	U
SEE10061640PML1	10/6/2010	4-Nitrophenol	2800	ug/Kg	U
SEE10041150JDF1	10/4/2010	4-Nitrophenol	2800	ug/Kg	U
SEE09301205RCM1	9/30/2010	4-Nitrophenol	2800	ug/Kg	U
SEE09211155JDF1	9/21/2010	4-Nitrophenol	2800	ug/Kg	U
SEE09201115RCM1	9/20/2010	4-Nitrophenol	2800	ug/Kg	U
SEE09171445RCM1	9/17/2010	4-Nitrophenol	2800	ug/Kg	U
SEE09161035RCM1	9/16/2010	4-Nitrophenol	2800	ug/Kg	U
SEE09121450PML1	9/12/2010	4-Nitrophenol	2800	ug/Kg	U
SEE09040950PML1	9/4/2010	4-Nitrophenol	2800	ug/Kg	U
SEE08301520JRP1	8/30/2010	4-Nitrophenol	2800	ug/Kg	U
SEE10111125JDF1	10/11/2010	4-Nitrophenol	2700	ug/Kg	U
SEE10031425JDF1	10/3/2010	4-Nitrophenol	2700	ug/Kg	U
SEE09291035JDF1	9/29/2010	4-Nitrophenol	2700	ug/Kg	U
SEE09271130JDF1	9/27/2010	4-Nitrophenol	2700	ug/Kg	U
SEE09250905RCM1	9/25/2010	4-Nitrophenol	2700	ug/Kg	U
SEE09211530JDF1	9/21/2010	4-Nitrophenol	2700	ug/Kg	U
SEE09131125PML1	9/13/2010	4-Nitrophenol	2700	ug/Kg	U
SEE09131620PML1	9/13/2010	4-Nitrophenol	2700	ug/Kg	U
SEE09091145PML1	9/9/2010	4-Nitrophenol	2700	ug/Kg	U
SEE09091605PML1	9/9/2010	4-Nitrophenol	2700	ug/Kg	U
SEE09061130MHS1	9/6/2010	4-Nitrophenol	2700	ug/Kg	U
SEE09041350PML1	9/4/2010	4-Nitrophenol	2700	ug/Kg	U
SEE09011255PML1	9/1/2010	4-Nitrophenol	2700	ug/Kg	U
SEE08261445JRP1	8/26/2010	4-Nitrophenol	2700	ug/Kg	U
SEE09170945PML1	9/17/2010	4-Nitrophenol	2600	ug/Kg	U
SEE09171125PML1	9/17/2010	4-Nitrophenol	2600	ug/Kg	U
SEE09091410PML1	9/9/2010	4-Nitrophenol	2600	ug/Kg	U
SEE09051015PML1	9/5/2010	4-Nitrophenol	2600	ug/Kg	U
SEE08301445JRP1	8/30/2010	4-Nitrophenol	2600	ug/Kg	U
SEE10161055JDF1	10/16/2010	4-Nitrophenol	2500	ug/Kg	U
SEE10161415JDF1	10/16/2010	4-Nitrophenol	2500	ug/Kg	U
SEE10121415ARM1	10/12/2010	4-Nitrophenol	2500	ug/Kg	U
SEE10111011JDF1	10/11/2010	4-Nitrophenol	2500	ug/Kg	U
SEE10071205PML1	10/7/2010	4-Nitrophenol	2500	ug/Kg	U
SEE10071540PML1	10/7/2010	4-Nitrophenol	2500	ug/Kg	U
SEE09211112RCM1	9/21/2010	4-Nitrophenol	2500	ug/Kg	U
SEE09201645ARM1	9/20/2010	4-Nitrophenol	2500	ug/Kg	U
SEE09130940PML1	9/13/2010	4-Nitrophenol	2500	ug/Kg	U
SEE09031115JAW1	9/3/2010	4-Nitrophenol	2500	ug/Kg	U
SEE08301015JRP1	8/30/2010	4-Nitrophenol	2500	ug/Kg	U
SEE08301530JAW1	8/30/2010	4-Nitrophenol	2500	ug/Kg	U
SEE10151055ARM1	10/15/2010	4-Nitrophenol	2400	ug/Kg	U
SEE10111350JDF1	10/11/2010	4-Nitrophenol	2400	ug/Kg	U
SEE09301255MAE1	9/30/2010	4-Nitrophenol	2400	ug/Kg	U
SEE09290925JDF1	9/29/2010	4-Nitrophenol	2400	ug/Kg	U
SEE09271515JDF1	9/27/2010	4-Nitrophenol	2400	ug/Kg	U
SEE09221105JDF1	9/22/2010	4-Nitrophenol	2400	ug/Kg	U
SEE09221615JDF1	9/22/2010	4-Nitrophenol	2400	ug/Kg	U
SEE09171530PML1	9/17/2010	4-Nitrophenol	2400	ug/Kg	U
SEE09091010PML1	9/9/2010	4-Nitrophenol	2400	ug/Kg	U
SEE09091025JRP1	9/9/2010	4-Nitrophenol	2400	ug/Kg	U
SEE09011145PML1	9/1/2010	4-Nitrophenol	2400	ug/Kg	U
SEE10121030JDF1	10/12/2010	4-Nitrophenol	2300	ug/Kg	U
SEE10040945JDF1	10/4/2010	4-Nitrophenol	2300	ug/Kg	U
SEE10041050JDF1	10/4/2010	4-Nitrophenol	2300	ug/Kg	U
SEE10041335JDF1	10/4/2010	4-Nitrophenol	2300	ug/Kg	U
SEE09271025ARM1	9/27/2010	4-Nitrophenol	2300	ug/Kg	U

**TABLE B-2b**  
**Upstream Sediment Samples (Morrow Lake)**

Sample ID	Sample Date	Analyte	Result	Unit	Data Qualifier
SEE09231130ARM1	9/23/2010	4-Nitrophenol	2300	ug/Kg	U
SEE09291645JDF1	9/29/2010	4-Nitrophenol	2200	ug/Kg	U
SEE09130955JRP1	9/13/2010	4-Nitrophenol	2200	ug/Kg	U
SEE09141312RCM1	9/14/2010	4-Nitrophenol	2100	ug/Kg	U
SEE08281607TWH1	8/28/2010	4-Nitrophenol	2100	ug/kg	U
SEE08281630RCM1	8/28/2010	4-Nitrophenol	2100	ug/kg	U
SEE10151355ARM1	10/15/2010	4-Nitrophenol	1900	ug/Kg	U
SEE10071415ARM1	10/7/2010	4-Nitrophenol	1900	ug/Kg	U
SEE10041355ARM1	10/4/2010	4-Nitrophenol	1900	ug/Kg	U
SEE09291135JDF1	9/29/2010	4-Nitrophenol	1900	ug/Kg	U
SEE09090900JRP1	9/9/2010	4-Nitrophenol	1900	ug/Kg	U
SEE08311010JRP1	8/31/2010	4-Nitrophenol	1900	ug/Kg	U
SEE08311348MHS1	8/31/2010	4-Nitrophenol	1900	ug/Kg	U
SEE10170915JDF1	10/17/2010	4-Nitrophenol	1800	ug/Kg	U
SEE08281505PML1	8/28/2010	4-Nitrophenol	1800	ug/kg	U
SEE08271215PML1	8/27/2010	4-Nitrophenol	1800	ug/kg	U
SEE10071151RCM1	10/7/2010	4-Nitrophenol	1700	ug/Kg	U
SEE08300920JRP1	8/30/2010	4-Nitrophenol	1700	ug/Kg	U
SEE08271500PML1	8/27/2010	4-Nitrophenol	1700	ug/kg	U
SEE08271614TWH1	8/27/2010	4-Nitrophenol	1700	ug/kg	U
SEE10221450DWS1	10/22/2010	4-Nitrophenol	1600	ug/Kg	U
SEE10141025ARM1	10/14/2010	4-Nitrophenol	1500	ug/Kg	U
SEE09051500MHS1	9/5/2010	4-Nitrophenol	1500	ug/Kg	U
SEE08291110PML1	8/29/2010	4-Nitrophenol	1500	ug/kg	U
SEE10211345JWP1	10/21/2010	4-Nitrophenol	1400	ug/Kg	U
SEE08281215PML1	8/28/2010	4-Nitrophenol	1400	ug/kg	U
SEE08281420TWH1	8/28/2010	4-Nitrophenol	1400	ug/kg	U
SEE08281510TWH1	8/28/2010	4-Nitrophenol	1400	ug/kg	U
SEE10091200ARM1	10/9/2010	4-Nitrophenol	1300	ug/Kg	U
SEE09130915JRP1	9/13/2010	4-Nitrophenol	1300	ug/Kg	U
SEE08291421KAP1	8/29/2010	4-Nitrophenol	1300	ug/kg	U
SEE08271652TWH1	8/27/2010	4-Nitrophenol	1300	ug/kg	U
SEE09061610JAW1	9/6/2010	4-Nitrophenol	1200	ug/Kg	U
SEE10171535ARM1	10/17/2010	4-Nitrophenol	1100	ug/Kg	U
SEE10051415ARM1	10/5/2010	4-Nitrophenol	1100	ug/Kg	U
SEE08261700JRP1	8/26/2010	4-Nitrophenol	1100	ug/Kg	U
SEF10221050MAE3	10/22/2010	4-Nitrophenol	1000	ug/Kg	U
SEE10011125ARM1	10/1/2010	4-Nitrophenol	1000	ug/Kg	U
SEE09100945RCM1	9/10/2010	4-Nitrophenol	1000	ug/Kg	U
SEE08301410JRP1	8/30/2010	4-Nitrophenol	1000	ug/Kg	U
SEE08291550KAP1	8/29/2010	4-Nitrophenol	1000	ug/kg	U
SEE09211120ARM1	9/21/2010	4-Nitrophenol	990	ug/Kg	U
SEE09201110ARM1	9/20/2010	4-Nitrophenol	990	ug/Kg	U
SEF10191135NAC3	10/19/2010	4-Nitrophenol	980	ug/Kg	U
SEE09171200ARM1	9/17/2010	4-Nitrophenol	950	ug/Kg	U
SEE10081035ARM1	10/8/2010	4-Nitrophenol	940	ug/Kg	U
SEE09140945JRP1	9/14/2010	4-Nitrophenol	940	ug/Kg	U
SEF10011045TDF1	10/1/2010	4-Nitrophenol	930	ug/Kg	U
SEE09290915MAE1	9/29/2010	4-Nitrophenol	930	ug/Kg	U
SEE09200911RCM1	9/20/2010	4-Nitrophenol	930	ug/Kg	U
SEE09271500ARM1	9/27/2010	4-Nitrophenol	910	ug/Kg	U
SEE09231205RCM1	9/23/2010	4-Nitrophenol	910	ug/Kg	U
SEE09251235ARM1	9/25/2010	4-Nitrophenol	900	ug/Kg	U
SEE09150915JRP1	9/15/2010	4-Nitrophenol	900	ug/Kg	U
SEE09281445RCM1	9/28/2010	4-Nitrophenol	890	ug/Kg	U
SEE09070930JRP1	9/7/2010	4-Nitrophenol	890	ug/Kg	U
SEE08301100JRP1	8/30/2010	4-Nitrophenol	890	ug/Kg	U
SEF10081108TDF3	10/8/2010	4-Nitrophenol	880	ug/Kg	U
SEE10071045ARM1	10/7/2010	4-Nitrophenol	880	ug/Kg	U
SEE10041045ARM1	10/4/2010	4-Nitrophenol	880	ug/Kg	U

**TABLE B-2b**  
**Upstream Sediment Samples (Morrow Lake)**

Sample ID	Sample Date	Analyte	Result	Unit	Data Qualifier
SEE10191115JWP1	10/19/2010	4-Nitrophenol	870	ug/Kg	U
SEE10011043RCM1	10/1/2010	4-Nitrophenol	870	ug/Kg	U
SEE09231035ARM1	9/23/2010	4-Nitrophenol	870	ug/Kg	U
SEE09170935RCM1	9/17/2010	4-Nitrophenol	870	ug/Kg	U
SEF10051206TDF3	10/5/2010	4-Nitrophenol	860	ug/Kg	U
SEB09011143JLS1	9/1/2010	4-Nitrophenol	860	ug/Kg	U
SEF10151030PMB3	10/15/2010	4-Nitrophenol	850	ug/Kg	U
SEF10121130PMB3	10/12/2010	4-Nitrophenol	850	ug/Kg	U
SEE09100920JRP1	9/10/2010	4-Nitrophenol	850	ug/Kg	U
SEE09051500JAW1	9/5/2010	4-Nitrophenol	850	ug/Kg	U
SEE08291354KAP1	8/29/2010	4-Nitrophenol	840	ug/kg	U
SEE10061135ARM1	10/6/2010	4-Nitrophenol	830	ug/Kg	U
SEE10131035ARM1	10/13/2010	4-Nitrophenol	820	ug/Kg	U
SEE09221045ARM1	9/22/2010	4-Nitrophenol	820	ug/Kg	U
SEE09080930JRP1	9/8/2010	4-Nitrophenol	820	ug/Kg	U
SEE09011515JAW1	9/1/2010	4-Nitrophenol	820	ug/Kg	U
SEE10051145RCM1	10/5/2010	4-Nitrophenol	810	ug/Kg	U
SEE09301025MAE1	9/30/2010	4-Nitrophenol	810	ug/Kg	U
SEE10121040ARM1	10/12/2010	4-Nitrophenol	790	ug/Kg	U
SEF09281139TDF1	9/28/2010	4-Nitrophenol	780	ug/Kg	U
SEE10181030JWP1	10/18/2010	4-Nitrophenol	750	ug/Kg	U
SEE08291445PML1	8/29/2010	4-Nitrophenol	690	ug/kg	U
SEE08271445JRP1	8/27/2010	4-Nitrophenol	570	ug/kg	U
SEE08271536TWH1	8/27/2010	4-Nitrophenol	560	ug/kg	U
SEB08281400JLS1	8/28/2010	4-Nitrophenol	530	ug/kg	U
SEE08281540JRP1	8/28/2010	4-Nitrophenol	520	ug/kg	U
ML-07-S-081810	8/18/2010	4-Nitrophenol	7.4	mg/Kg	UJ
ML-06-S-082310	8/23/2010	4-Nitrophenol	6.7	mg/Kg	U
ML-04-S-081710	8/17/2010	4-Nitrophenol	6.4	mg/Kg	U
ML-10-S-081910	8/19/2010	4-Nitrophenol	6.2	mg/Kg	U
ML-10-S-081910	8/19/2010	4-Nitrophenol	6.2	mg/Kg	U
ML-09-S-081810	8/18/2010	4-Nitrophenol	6.2	mg/Kg	UJ
ML-06-S-081710	8/17/2010	4-Nitrophenol	6.2	mg/Kg	U
ML-04-S-082610	8/26/2010	4-Nitrophenol	6.1	mg/Kg	U
ML-10-S-082610	8/26/2010	4-Nitrophenol	5.9	mg/Kg	U
ML-10-S-082610	8/26/2010	4-Nitrophenol	5.9	mg/Kg	U
ML-05-S-082310	8/23/2010	4-Nitrophenol	5.5	mg/Kg	U
ML-01-S-081910	8/19/2010	4-Nitrophenol	5.3	mg/Kg	U
ML-05-S-081710	8/17/2010	4-Nitrophenol	5.1	mg/Kg	U
ML-02-S-082310	8/23/2010	4-Nitrophenol	5.0	mg/Kg	U
ML-07-S-082410	8/24/2010	4-Nitrophenol	3.6	mg/Kg	UJ
ML-07-S-082110	8/21/2010	4-Nitrophenol	3.6	mg/Kg	U
ML-05-S-082610	8/26/2010	4-Nitrophenol	3.5	mg/Kg	U
ML-06-S-082510	8/25/2010	4-Nitrophenol	3.5	mg/Kg	U
ML-07-S-081610	8/16/2010	4-Nitrophenol	3.5	mg/Kg	U
ML-07-S-082510	8/25/2010	4-Nitrophenol	3.4	mg/Kg	U
ML-08-S-081610	8/16/2010	4-Nitrophenol	3.4	mg/Kg	U
ML-08-S-082510	8/25/2010	4-Nitrophenol	3.3	mg/Kg	U
ML-08-S-082110	8/21/2010	4-Nitrophenol	3.3	mg/Kg	U
ML-06-S-082010	8/20/2010	4-Nitrophenol	3.3	mg/Kg	U
ML-01-S-081610	8/16/2010	4-Nitrophenol	3.3	mg/Kg	U
ML-08-S-082410	8/24/2010	4-Nitrophenol	3.2	mg/Kg	UJ
ML-04-S-082410	8/24/2010	4-Nitrophenol	3.1	mg/Kg	UJ
ML-10-S-081610	8/16/2010	4-Nitrophenol	3.1	mg/Kg	U
ML-10-S-081610	8/16/2010	4-Nitrophenol	3.1	mg/Kg	U
ML-01-S-082510	8/25/2010	4-Nitrophenol	3.0	mg/Kg	U
ML-10-S-082410	8/24/2010	4-Nitrophenol	3.0	mg/Kg	UJ
ML-10-S-082410	8/24/2010	4-Nitrophenol	3.0	mg/Kg	UJ
ML-09-S-082110	8/21/2010	4-Nitrophenol	3.0	mg/Kg	U
ML-05-S-082010	8/20/2010	4-Nitrophenol	3.0	mg/Kg	U



**TABLE B-2b**  
**Upstream Sediment Samples (Morrow Lake)**

Sample ID	Sample Date	Analyte	Result	Unit	Data Qualifier
ML-09-S-082510	8/25/2010	4-Nitrophenol	2.9	mg/Kg	U
ML-10-S-082110	8/21/2010	4-Nitrophenol	2.9	mg/Kg	U
ML-10-S-082110	8/21/2010	4-Nitrophenol	2.9	mg/Kg	U
ML-02-S-082510	8/25/2010	4-Nitrophenol	2.8	mg/Kg	U
ML-09-S-082410	8/24/2010	4-Nitrophenol	2.8	mg/Kg	UJ
ML-01-S-082110	8/21/2010	4-Nitrophenol	2.8	mg/Kg	U
ML-03-S-082510	8/25/2010	4-Nitrophenol	2.6	mg/Kg	U
ML-02-S-082010	8/20/2010	4-Nitrophenol	2.6	mg/Kg	U
ML-04-S-082010	8/20/2010	4-Nitrophenol	2.6	mg/Kg	U
ML-03-S-082010	8/20/2010	4-Nitrophenol	2.5	mg/Kg	U
ML-03-S-081610	8/16/2010	4-Nitrophenol	2.5	mg/Kg	U
SEE08271145RCM1	8/27/2010	Acenaphthene	1600	ug/kg	U
SEE08261620RCM1	8/26/2010	Acenaphthene	1400	ug/kg	U
SEE08261420RCM1	8/26/2010	Acenaphthene	1200	ug/kg	U
SEE08281607TWH1	8/28/2010	Acenaphthene	830	ug/kg	U
SEE08271215PML1	8/27/2010	Acenaphthene	720	ug/kg	U
SEE08271614TWH1	8/27/2010	Acenaphthene	690	ug/kg	U
SEE09011635PML1	9/1/2010	Acenaphthene	600	ug/Kg	U
SEE09051430PML1	9/5/2010	Acenaphthene	590	ug/Kg	U
SEE08291110PML1	8/29/2010	Acenaphthene	590	ug/kg	U
SEE08281420TWH1	8/28/2010	Acenaphthene	570	ug/kg	U
SEE08281510TWH1	8/28/2010	Acenaphthene	540	ug/kg	U
SEE08291421KAP1	8/29/2010	Acenaphthene	510	ug/kg	U
SEE08271652TWH1	8/27/2010	Acenaphthene	500	ug/kg	U
SEE08291354KAP1	8/29/2010	Acenaphthene	330	ug/kg	U
SEE08291445PML1	8/29/2010	Acenaphthene	270	ug/kg	U
SEE08271445JRP1	8/27/2010	Acenaphthene	230	ug/kg	U
SEE08271536TWH1	8/27/2010	Acenaphthene	220	ug/kg	U
SEB08281400JLS1	8/28/2010	Acenaphthene	210	ug/kg	U
SEE08281540JRP1	8/28/2010	Acenaphthene	210	ug/kg	U
SEE10211035JDF1	10/21/2010	Acenaphthene	180	ug/Kg	UJ
SEE10051125PML1	10/5/2010	Acenaphthene	180	ug/Kg	U
SEE09301105JDF1	9/30/2010	Acenaphthene	180	ug/Kg	U
SEE09061500PML1	9/6/2010	Acenaphthene	180	ug/Kg	U
SEE09021400PML1	9/2/2010	Acenaphthene	180	ug/Kg	U
SEE08301130PML1	8/30/2010	Acenaphthene	180	ug/Kg	U
SEE10171410JDF1	10/17/2010	Acenaphthene	170	ug/Kg	U
SEE10131150JDF1	10/13/2010	Acenaphthene	170	ug/Kg	U
SEE10081115PML1	10/8/2010	Acenaphthene	170	ug/Kg	U
SEE09301255JDF1	9/30/2010	Acenaphthene	170	ug/Kg	U
SEE09231645JDF1	9/23/2010	Acenaphthene	170	ug/Kg	U
SEE09181235PML1	9/18/2010	Acenaphthene	170	ug/Kg	U
SEE09141135PML1	9/14/2010	Acenaphthene	170	ug/Kg	U
SEE09121105RCM1	9/12/2010	Acenaphthene	170	ug/Kg	UJ
SEE09101022PML1	9/10/2010	Acenaphthene	170	ug/Kg	UJ
SEE09101215PML1	9/10/2010	Acenaphthene	170	ug/Kg	UJ
SEE09091410RCM1	9/9/2010	Acenaphthene	170	ug/Kg	U
SEE09081020RCM1	9/8/2010	Acenaphthene	170	ug/Kg	U
SEE09031645MHS1	9/3/2010	Acenaphthene	170	ug/Kg	U
SEE09011545MHS1	9/1/2010	Acenaphthene	170	ug/Kg	U
SEE08311420PML1	8/31/2010	Acenaphthene	170	ug/Kg	U
SEE08311420PML1	8/31/2010	Acenaphthene	170	ug/Kg	U
SEE10221110JDF1	10/22/2010	Acenaphthene	160	ug/Kg	U
SEE10221110JDF1	10/22/2010	Acenaphthene	160	ug/Kg	U
SEE10211430JDF1	10/21/2010	Acenaphthene	160	ug/Kg	U
SEE10191005JDF1	10/19/2010	Acenaphthene	160	ug/Kg	U
SEE10181035JDF1	10/18/2010	Acenaphthene	160	ug/Kg	U
SEE10091614PML1	10/9/2010	Acenaphthene	160	ug/Kg	UJ
SEE10051653PML1	10/5/2010	Acenaphthene	160	ug/Kg	U
SEE10041530JDF1	10/4/2010	Acenaphthene	160	ug/Kg	U

**TABLE B-2b**  
**Upstream Sediment Samples (Morrow Lake)**

Sample ID	Sample Date	Analyte	Result	Unit	Data Qualifier
SEE09291023RCM1	9/29/2010	Acenaphthene	160	ug/Kg	U
SEE09231210JDF1	9/23/2010	Acenaphthene	160	ug/Kg	U
SEE09141515PML1	9/14/2010	Acenaphthene	160	ug/Kg	U
SEE09131026RCM1	9/13/2010	Acenaphthene	160	ug/Kg	U
SEE09121436RCM1	9/12/2010	Acenaphthene	160	ug/Kg	UJ
SEE09101625PML1	9/10/2010	Acenaphthene	160	ug/Kg	UJ
SEE09061525MHS1	9/6/2010	Acenaphthene	160	ug/Kg	U
SEE09051130PML1	9/5/2010	Acenaphthene	160	ug/Kg	U
SEE09051550MHS1	9/5/2010	Acenaphthene	160	ug/Kg	U
SEE09030925PML1	9/3/2010	Acenaphthene	160	ug/Kg	U
SEE09031100PML1	9/3/2010	Acenaphthene	160	ug/Kg	U
SEE09021010PML1	9/2/2010	Acenaphthene	160	ug/Kg	U
SEE08301550PML1	8/30/2010	Acenaphthene	160	ug/Kg	U
SEE08301638MHS1	8/30/2010	Acenaphthene	160	ug/Kg	U
SEE10191155JDF1	10/19/2010	Acenaphthene	150	ug/Kg	U
SEE10191415JDF1	10/19/2010	Acenaphthene	150	ug/Kg	U
SEE10191515JDF1	10/19/2010	Acenaphthene	150	ug/Kg	U
SEE10181510JDF1	10/18/2010	Acenaphthene	150	ug/Kg	U
SEE10181510JDF1	10/18/2010	Acenaphthene	150	ug/Kg	U
SEE10171115JDF1	10/17/2010	Acenaphthene	150	ug/Kg	U
SEE10141015JDF1	10/14/2010	Acenaphthene	150	ug/Kg	U
SEE10141150JDF1	10/14/2010	Acenaphthene	150	ug/Kg	U
SEE10141555ARM1	10/14/2010	Acenaphthene	150	ug/Kg	U
SEE10121155JDF1	10/12/2010	Acenaphthene	150	ug/Kg	U
SEE10101010PML1	10/10/2010	Acenaphthene	150	ug/Kg	U
SEE10101215PML1	10/10/2010	Acenaphthene	150	ug/Kg	U
SEE10101215PML1	10/10/2010	Acenaphthene	150	ug/Kg	U
SEE10081051RCM1	10/8/2010	Acenaphthene	150	ug/Kg	U
SEE10061051RCM1	10/6/2010	Acenaphthene	150	ug/Kg	U
SEE10041138RCM1	10/4/2010	Acenaphthene	150	ug/Kg	U
SEE10031115JDF1	10/3/2010	Acenaphthene	150	ug/Kg	U
SEE10031115JDF1	10/3/2010	Acenaphthene	150	ug/Kg	U
SEE09260930RCM1	9/26/2010	Acenaphthene	150	ug/Kg	U
SEE09261625JDF1	9/26/2010	Acenaphthene	150	ug/Kg	U
SEE09261625JDF1	9/26/2010	Acenaphthene	150	ug/Kg	U
SEE09251135JDF1	9/25/2010	Acenaphthene	150	ug/Kg	U
SEE09220935RCM1	9/22/2010	Acenaphthene	150	ug/Kg	U
SEE09200945PML1	9/20/2010	Acenaphthene	150	ug/Kg	U
SEE09200945PML1	9/20/2010	Acenaphthene	150	ug/Kg	U
SEE09191040PML1	9/19/2010	Acenaphthene	150	ug/Kg	U
SEE09191445RCM1	9/19/2010	Acenaphthene	150	ug/Kg	U
SEE09191530PML1	9/19/2010	Acenaphthene	150	ug/Kg	U
SEE09181705PML1	9/18/2010	Acenaphthene	150	ug/Kg	U
SEE09170839RCM1	9/17/2010	Acenaphthene	150	ug/Kg	U
SEE09171415PML1	9/17/2010	Acenaphthene	150	ug/Kg	U
SEE09151145PML1	9/15/2010	Acenaphthene	150	ug/Kg	U
SEE09151145PML1	9/15/2010	Acenaphthene	150	ug/Kg	U
SEE09140945PML1	9/14/2010	Acenaphthene	150	ug/Kg	U
SEE09131445RCM1	9/13/2010	Acenaphthene	150	ug/Kg	U
SEE09131505PML1	9/13/2010	Acenaphthene	150	ug/Kg	U
SEE09121055PML1	9/12/2010	Acenaphthene	150	ug/Kg	UJ
SEE09121055PML1	9/12/2010	Acenaphthene	150	ug/Kg	UJ
SEE09091005RCM1	9/9/2010	Acenaphthene	150	ug/Kg	U
SEE09091515PML1	9/9/2010	Acenaphthene	150	ug/Kg	U
SEE09081010PML1	9/8/2010	Acenaphthene	150	ug/Kg	U
SEE09081205PML1	9/8/2010	Acenaphthene	150	ug/Kg	U
SEE09071050PML1	9/7/2010	Acenaphthene	150	ug/Kg	U
SEE09061105PML1	9/6/2010	Acenaphthene	150	ug/Kg	U
SEE09031140MHS1	9/3/2010	Acenaphthene	150	ug/Kg	U
SEE09031650PML1	9/3/2010	Acenaphthene	150	ug/Kg	U

**TABLE B-2b**  
**Upstream Sediment Samples (Morrow Lake)**

Sample ID	Sample Date	Analyte	Result	Unit	Data Qualifier
SEE09031650PML1	9/3/2010	Acenaphthene	150	ug/Kg	U
SEE08311045PML1	8/31/2010	Acenaphthene	150	ug/Kg	U
SEE08301145MHS1	8/30/2010	Acenaphthene	150	ug/Kg	U
SEE10211010JWP1	10/21/2010	Acenaphthene	140	ug/Kg	U
SEE10191100JDF1	10/19/2010	Acenaphthene	140	ug/Kg	U
SEE10181210JDF1	10/18/2010	Acenaphthene	140	ug/Kg	U
SEE10181430JWP1	10/18/2010	Acenaphthene	140	ug/Kg	U
SEE10150945JDF1	10/15/2010	Acenaphthene	140	ug/Kg	U
SEE10141550JDF1	10/14/2010	Acenaphthene	140	ug/Kg	U
SEE10141550JDF1	10/14/2010	Acenaphthene	140	ug/Kg	U
SEE10071042RCM1	10/7/2010	Acenaphthene	140	ug/Kg	U
SEE10061640PML1	10/6/2010	Acenaphthene	140	ug/Kg	U
SEE10061640PML1	10/6/2010	Acenaphthene	140	ug/Kg	U
SEE10011120JDF1	10/1/2010	Acenaphthene	140	ug/Kg	U
SEE09301205RCM1	9/30/2010	Acenaphthene	140	ug/Kg	U
SEE09261215JDF1	9/26/2010	Acenaphthene	140	ug/Kg	U
SEE09230955RCM1	9/23/2010	Acenaphthene	140	ug/Kg	U
SEE09211155JDF1	9/21/2010	Acenaphthene	140	ug/Kg	UJ
SEE09201115RCM1	9/20/2010	Acenaphthene	140	ug/Kg	U
SEE09171445RCM1	9/17/2010	Acenaphthene	140	ug/Kg	U
SEE09161035RCM1	9/16/2010	Acenaphthene	140	ug/Kg	U
SEE09151015PML1	9/15/2010	Acenaphthene	140	ug/Kg	U
SEE09111015PML1	9/11/2010	Acenaphthene	140	ug/Kg	UJ
SEE09040950PML1	9/4/2010	Acenaphthene	140	ug/Kg	U
SEE08301520JRP1	8/30/2010	Acenaphthene	140	ug/Kg	U
SEE10221055DWS1	10/22/2010	Acenaphthene	130	ug/Kg	U
SEE10191010JWP1	10/19/2010	Acenaphthene	130	ug/Kg	U
SEE09250905RCM1	9/25/2010	Acenaphthene	130	ug/Kg	U
SEE09170945PML1	9/17/2010	Acenaphthene	130	ug/Kg	U
SEE09091145PML1	9/9/2010	Acenaphthene	130	ug/Kg	U
SEE09091410PML1	9/9/2010	Acenaphthene	130	ug/Kg	U
SEE09061130MHS1	9/6/2010	Acenaphthene	130	ug/Kg	U
SEE08301445JRP1	8/30/2010	Acenaphthene	130	ug/Kg	U
SEE08261445JRP1	8/26/2010	Acenaphthene	130	ug/Kg	U
SEE10161415JDF1	10/16/2010	Acenaphthene	120	ug/Kg	U
SEE10071540PML1	10/7/2010	Acenaphthene	120	ug/Kg	U
SEE09211112RCM1	9/21/2010	Acenaphthene	120	ug/Kg	UJ
SEE09091010PML1	9/9/2010	Acenaphthene	120	ug/Kg	U
SEE09291645JDF1	9/29/2010	Acenaphthene	110	ug/Kg	U
SEE09141312RCM1	9/14/2010	Acenaphthene	110	ug/Kg	U
SEE08311010JRP1	8/31/2010	Acenaphthene	94	ug/Kg	U
SEE08311348MHS1	8/31/2010	Acenaphthene	93	ug/Kg	U
SEE10171535ARM1	10/17/2010	Acenaphthene	92	ug/Kg	U
SEE10071151RCM1	10/7/2010	Acenaphthene	84	ug/Kg	U
SEE08300920JRP1	8/30/2010	Acenaphthene	81	ug/Kg	U
SEE09051500MHS1	9/5/2010	Acenaphthene	75	ug/Kg	U
SEE10221450DWS1	10/22/2010	Acenaphthene	73	ug/Kg	U
SEE10141025ARM1	10/14/2010	Acenaphthene	73	ug/Kg	U
SEE10041335JDF1	10/4/2010	Acenaphthene	69	ug/Kg	J
SEE09130915JRP1	9/13/2010	Acenaphthene	69	ug/Kg	U
SEE10111350JDF1	10/11/2010	Acenaphthene	68	ug/Kg	J
SEE10170915JDF1	10/17/2010	Acenaphthene	63	ug/Kg	J
SEE10211345JWP1	10/21/2010	Acenaphthene	62	ug/Kg	U
SEE10061205PML1	10/6/2010	Acenaphthene	61	ug/Kg	J
SEE09221615JDF1	9/22/2010	Acenaphthene	58	ug/Kg	J
SEE10111125JDF1	10/11/2010	Acenaphthene	57	ug/Kg	J
SEE10040945JDF1	10/4/2010	Acenaphthene	55	ug/Kg	J
SEE10041150JDF1	10/4/2010	Acenaphthene	55	ug/Kg	J
SEE10031425JDF1	10/3/2010	Acenaphthene	55	ug/Kg	J
SEE09301255MAE1	9/30/2010	Acenaphthene	55	ug/Kg	J

**TABLE B-2b**  
**Upstream Sediment Samples (Morrow Lake)**

Sample ID	Sample Date	Analyte	Result	Unit	Data Qualifier
SEE10121030JDF1	10/12/2010	Acenaphthene	54	ug/Kg	J
SEE08261700JRP1	8/26/2010	Acenaphthene	53	ug/Kg	U
SEE10071205PML1	10/7/2010	Acenaphthene	52	ug/Kg	J
SEE09100945RCM1	9/10/2010	Acenaphthene	52	ug/Kg	UJ
SEE08301410JRP1	8/30/2010	Acenaphthene	51	ug/Kg	U
SEE10111011JDF1	10/11/2010	Acenaphthene	50	ug/Kg	J
SEE10011125ARM1	10/1/2010	Acenaphthene	50	ug/Kg	U
SEE10151355ARM1	10/15/2010	Acenaphthene	49	ug/Kg	J
SEE09290925JDF1	9/29/2010	Acenaphthene	49	ug/Kg	J
SEE09271515JDF1	9/27/2010	Acenaphthene	49	ug/Kg	J
SEE09211120ARM1	9/21/2010	Acenaphthene	49	ug/Kg	UJ
SEE09201110ARM1	9/20/2010	Acenaphthene	49	ug/Kg	U
SEE10071101PML1	10/7/2010	Acenaphthene	48	ug/Kg	J
SEE10041355ARM1	10/4/2010	Acenaphthene	48	ug/Kg	J
SEE10081035ARM1	10/8/2010	Acenaphthene	47	ug/Kg	U
SEE09171200ARM1	9/17/2010	Acenaphthene	47	ug/Kg	U
SEE09131620PML1	9/13/2010	Acenaphthene	47	ug/Kg	J
SEF10221050MAE3	10/22/2010	Acenaphthene	46	ug/Kg	U
SEE09290915MAE1	9/29/2010	Acenaphthene	46	ug/Kg	U
SEE09200911RCM1	9/20/2010	Acenaphthene	46	ug/Kg	U
SEE09140945JRP1	9/14/2010	Acenaphthene	46	ug/Kg	U
SEE09091605PML1	9/9/2010	Acenaphthene	46	ug/Kg	J
SEE09011255PML1	9/1/2010	Acenaphthene	46	ug/Kg	J
SEE09271500ARM1	9/27/2010	Acenaphthene	45	ug/Kg	U
SEE09231205RCM1	9/23/2010	Acenaphthene	45	ug/Kg	U
SEF10191135NAC3	10/19/2010	Acenaphthene	44	ug/Kg	U
SEE09281445RCM1	9/28/2010	Acenaphthene	44	ug/Kg	U
SEE09251235ARM1	9/25/2010	Acenaphthene	44	ug/Kg	U
SEE09221105JDF1	9/22/2010	Acenaphthene	44	ug/Kg	J
SEE09150915JRP1	9/15/2010	Acenaphthene	44	ug/Kg	U
SEE09070930JRP1	9/7/2010	Acenaphthene	44	ug/Kg	U
SEE09051015PML1	9/5/2010	Acenaphthene	44	ug/Kg	J
SEE09011545PML1	9/1/2010	Acenaphthene	44	ug/Kg	J
SEE08301100JRP1	8/30/2010	Acenaphthene	44	ug/Kg	U
SEE10121415ARM1	10/12/2010	Acenaphthene	43	ug/Kg	J
SEF10081108TDF3	10/8/2010	Acenaphthene	43	ug/Kg	U
SEE10071045ARM1	10/7/2010	Acenaphthene	43	ug/Kg	U
SEE10041045ARM1	10/4/2010	Acenaphthene	43	ug/Kg	U
SEE10011043RCM1	10/1/2010	Acenaphthene	43	ug/Kg	U
SEE09231035ARM1	9/23/2010	Acenaphthene	43	ug/Kg	U
SEE09170935RCM1	9/17/2010	Acenaphthene	43	ug/Kg	U
SEF10151030PMB3	10/15/2010	Acenaphthene	42	ug/Kg	U
SEF10121130PMB3	10/12/2010	Acenaphthene	42	ug/Kg	U
SEE10071415ARM1	10/7/2010	Acenaphthene	42	ug/Kg	J
SEF10051206TDF3	10/5/2010	Acenaphthene	42	ug/Kg	U
SEE10041050JDF1	10/4/2010	Acenaphthene	42	ug/Kg	J
SEE09291035JDF1	9/29/2010	Acenaphthene	42	ug/Kg	J
SEE09130955JRP1	9/13/2010	Acenaphthene	42	ug/Kg	J
SEE09100920JRP1	9/10/2010	Acenaphthene	42	ug/Kg	UJ
SEE09051500JAW1	9/5/2010	Acenaphthene	42	ug/Kg	U
SEB09011143JLS1	9/1/2010	Acenaphthene	42	ug/Kg	U
SEE10091401PML1	10/9/2010	Acenaphthene	41	ug/Kg	J
SEE10061135ARM1	10/6/2010	Acenaphthene	41	ug/Kg	U
SEE09271025ARM1	9/27/2010	Acenaphthene	41	ug/Kg	J
SEE10131035ARM1	10/13/2010	Acenaphthene	40	ug/Kg	U
SEE10091200ARM1	10/9/2010	Acenaphthene	40	ug/Kg	J
SEE10051145RCM1	10/5/2010	Acenaphthene	40	ug/Kg	U
SEE09301025MAE1	9/30/2010	Acenaphthene	40	ug/Kg	U
SEE09221045ARM1	9/22/2010	Acenaphthene	40	ug/Kg	U
SEE09171530PML1	9/17/2010	Acenaphthene	40	ug/Kg	J

**TABLE B-2b**  
**Upstream Sediment Samples (Morrow Lake)**

Sample ID	Sample Date	Analyte	Result	Unit	Data Qualifier
SEE09080930JRP1	9/8/2010	Acenaphthene	40	ug/Kg	U
SEE09011515JAW1	9/1/2010	Acenaphthene	40	ug/Kg	U
SEE10191115JWP1	10/19/2010	Acenaphthene	39	ug/Kg	U
SEE10120930JDF1	10/12/2010	Acenaphthene	39	ug/Kg	J
SEE10121040ARM1	10/12/2010	Acenaphthene	39	ug/Kg	U
SEF09281139TDF1	9/28/2010	Acenaphthene	39	ug/Kg	U
SEE09271130JDF1	9/27/2010	Acenaphthene	39	ug/Kg	J
SEE10181030JWP1	10/18/2010	Acenaphthene	37	ug/Kg	U
SEE10081231PML1	10/8/2010	Acenaphthene	37	ug/Kg	J
SEE09171125PML1	9/17/2010	Acenaphthene	37	ug/Kg	J
SEE09201645ARM1	9/20/2010	Acenaphthene	36	ug/Kg	J
SEE09161045PML1	9/16/2010	Acenaphthene	36	ug/Kg	J
SEE09091025JRP1	9/9/2010	Acenaphthene	36	ug/Kg	J
SEE09131125PML1	9/13/2010	Acenaphthene	35	ug/Kg	J
SEE09041350PML1	9/4/2010	Acenaphthene	35	ug/Kg	J
SEE08301015JRP1	8/30/2010	Acenaphthene	35	ug/Kg	J
SEE09121450PML1	9/12/2010	Acenaphthene	34	ug/Kg	J
SEE10161115ARM1	10/16/2010	Acenaphthene	32	ug/Kg	J
SEE09221440JDF1	9/22/2010	Acenaphthene	32	ug/Kg	J
SEE08301530JAW1	8/30/2010	Acenaphthene	32	ug/Kg	J
SEE10161530JDF1	10/16/2010	Acenaphthene	31	ug/Kg	J
SEE09211530JDF1	9/21/2010	Acenaphthene	31	ug/Kg	J
SEE09090900JRP1	9/9/2010	Acenaphthene	31	ug/Kg	J
SEE09061610JAW1	9/6/2010	Acenaphthene	31	ug/Kg	J
SEE09011050PML1	9/1/2010	Acenaphthene	31	ug/Kg	J
SEE09011145PML1	9/1/2010	Acenaphthene	31	ug/Kg	J
SEE10151055ARM1	10/15/2010	Acenaphthene	30	ug/Kg	J
SEE09291135JDF1	9/29/2010	Acenaphthene	30	ug/Kg	J
SEE10161055JDF1	10/16/2010	Acenaphthene	28	ug/Kg	J
SEE09031115JAW1	9/3/2010	Acenaphthene	28	ug/Kg	J
SEE09231130ARM1	9/23/2010	Acenaphthene	27	ug/Kg	J
SEE09130940PML1	9/13/2010	Acenaphthene	26	ug/Kg	J
SEE08281505PML1	8/28/2010	Acenaphthene	20	ug/kg	J
SEE08271500PML1	8/27/2010	Acenaphthene	18	ug/kg	J
SEF10011045TDF1	10/1/2010	Acenaphthene	15	ug/Kg	J
SEE08291550KAP1	8/29/2010	Acenaphthene	15	ug/kg	J
SEE08281215PML1	8/28/2010	Acenaphthene	15	ug/kg	J
SEE10051415ARM1	10/5/2010	Acenaphthene	13	ug/Kg	J
SEE08281630RCM1	8/28/2010	Acenaphthene	12	ug/kg	J
ML-07-S-081810	8/18/2010	Acenaphthene	0.37	mg/Kg	UU
ML-06-S-082310	8/23/2010	Acenaphthene	0.33	mg/Kg	U
ML-04-S-081710	8/17/2010	Acenaphthene	0.32	mg/Kg	U
ML-04-S-082610	8/26/2010	Acenaphthene	0.31	mg/Kg	U
ML-10-S-081910	8/19/2010	Acenaphthene	0.31	mg/Kg	U
ML-10-S-081910	8/19/2010	Acenaphthene	0.31	mg/Kg	U
ML-09-S-081810	8/18/2010	Acenaphthene	0.31	mg/Kg	UU
ML-06-S-081710	8/17/2010	Acenaphthene	0.31	mg/Kg	U
ML-10-S-082610	8/26/2010	Acenaphthene	0.30	mg/Kg	U
ML-10-S-082610	8/26/2010	Acenaphthene	0.30	mg/Kg	U
ML-02-S-081710	8/17/2010	Acenaphthene	0.24	mg/Kg	U
ML-06-S-082510	8/25/2010	Acenaphthene	0.18	mg/Kg	U
ML-07-S-082410	8/24/2010	Acenaphthene	0.18	mg/Kg	UU
ML-07-S-082510	8/25/2010	Acenaphthene	0.17	mg/Kg	U
ML-08-S-082110	8/21/2010	Acenaphthene	0.17	mg/Kg	U
ML-07-S-081610	8/16/2010	Acenaphthene	0.17	mg/Kg	U
ML-08-S-081610	8/16/2010	Acenaphthene	0.17	mg/Kg	U
ML-08-S-082510	8/25/2010	Acenaphthene	0.16	mg/Kg	U
ML-08-S-082410	8/24/2010	Acenaphthene	0.16	mg/Kg	UU
ML-06-S-082010	8/20/2010	Acenaphthene	0.16	mg/Kg	U
ML-09-S-082510	8/25/2010	Acenaphthene	0.15	mg/Kg	U

**TABLE B-2b**  
**Upstream Sediment Samples (Morrow Lake)**

Sample ID	Sample Date	Analyte	Result	Unit	Data Qualifier
ML-10-S-082410	8/24/2010	Acenaphthene	0.15	mg/Kg	UJ
ML-10-S-082410	8/24/2010	Acenaphthene	0.15	mg/Kg	UJ
ML-09-S-082110	8/21/2010	Acenaphthene	0.15	mg/Kg	U
ML-10-S-082110	8/21/2010	Acenaphthene	0.15	mg/Kg	U
ML-10-S-082110	8/21/2010	Acenaphthene	0.15	mg/Kg	U
ML-10-S-081610	8/16/2010	Acenaphthene	0.15	mg/Kg	U
ML-10-S-081610	8/16/2010	Acenaphthene	0.15	mg/Kg	U
ML-09-S-082410	8/24/2010	Acenaphthene	0.14	mg/Kg	UJ
ML-03-S-082510	8/25/2010	Acenaphthene	0.049	mg/Kg	J
ML-05-S-082310	8/23/2010	Acenaphthene	0.040	mg/Kg	J
ML-03-S-081610	8/16/2010	Acenaphthene	0.040	mg/Kg	J
ML-03-S-082310	8/23/2010	Acenaphthene	0.037	mg/Kg	J
ML-04-S-082010	8/20/2010	Acenaphthene	0.037	mg/Kg	J
ML-02-S-082310	8/23/2010	Acenaphthene	0.035	mg/Kg	J
ML-01-S-081910	8/19/2010	Acenaphthene	0.032	mg/Kg	J
ML-04-S-082410	8/24/2010	Acenaphthene	0.031	mg/Kg	J
ML-03-S-082010	8/20/2010	Acenaphthene	0.030	mg/Kg	J
ML-02-S-082010	8/20/2010	Acenaphthene	0.026	mg/Kg	J
ML-05-S-081710	8/17/2010	Acenaphthene	0.026	mg/Kg	J
ML-05-S-082010	8/20/2010	Acenaphthene	0.025	mg/Kg	J
ML-02-S-082510	8/25/2010	Acenaphthene	0.024	mg/Kg	J
ML-01-S-081610	8/16/2010	Acenaphthene	0.024	mg/Kg	J
ML-01-S-082110	8/21/2010	Acenaphthene	0.023	mg/Kg	J
ML-05-S-082610	8/26/2010	Acenaphthene	0.021	mg/Kg	J
ML-01-S-082510	8/25/2010	Acenaphthene	0.021	mg/Kg	J
ML-07-S-082110	8/21/2010	Acenaphthene	0.018	mg/Kg	J
SEE08271145RCM1	8/27/2010	Acenaphthylene	1600	ug/kg	U
SEE08261620RCM1	8/26/2010	Acenaphthylene	1400	ug/kg	U
SEE08261420RCM1	8/26/2010	Acenaphthylene	1200	ug/kg	U
SEE08281607TWH1	8/28/2010	Acenaphthylene	830	ug/kg	U
SEE09011635PML1	9/1/2010	Acenaphthylene	600	ug/Kg	U
SEE08291110PML1	8/29/2010	Acenaphthylene	590	ug/kg	U
SEE10041335JDF1	10/4/2010	Acenaphthylene	280	ug/Kg	
SEE10031425JDF1	10/3/2010	Acenaphthylene	260	ug/Kg	
SEE08271445JRP1	8/27/2010	Acenaphthylene	230	ug/kg	U
SEE08271536TWH1	8/27/2010	Acenaphthylene	220	ug/kg	U
SEB08281400JLS1	8/28/2010	Acenaphthylene	210	ug/kg	U
SEE08281540JRP1	8/28/2010	Acenaphthylene	210	ug/kg	U
SEE10121030JDF1	10/12/2010	Acenaphthylene	190	ug/Kg	
SEE10091200ARM1	10/9/2010	Acenaphthylene	190	ug/Kg	J
SEE10211035JDF1	10/21/2010	Acenaphthylene	180	ug/Kg	UJ
SEE09061500PML1	9/6/2010	Acenaphthylene	180	ug/Kg	U
SEE10081115PML1	10/8/2010	Acenaphthylene	170	ug/Kg	U
SEE09231645JDF1	9/23/2010	Acenaphthylene	170	ug/Kg	U
SEE09181235PML1	9/18/2010	Acenaphthylene	170	ug/Kg	U
SEE09121105RCM1	9/12/2010	Acenaphthylene	170	ug/Kg	UJ
SEE09101022PML1	9/10/2010	Acenaphthylene	170	ug/Kg	UJ
SEE09101215PML1	9/10/2010	Acenaphthylene	170	ug/Kg	UJ
SEE09091410RCM1	9/9/2010	Acenaphthylene	170	ug/Kg	U
SEE08311420PML1	8/31/2010	Acenaphthylene	170	ug/Kg	U
SEE08311420PML1	8/31/2010	Acenaphthylene	170	ug/Kg	U
SEE10221110JDF1	10/22/2010	Acenaphthylene	160	ug/Kg	U
SEE10221110JDF1	10/22/2010	Acenaphthylene	160	ug/Kg	U
SEE10211430JDF1	10/21/2010	Acenaphthylene	160	ug/Kg	U
SEE10191005JDF1	10/19/2010	Acenaphthylene	160	ug/Kg	U
SEE10171535ARM1	10/17/2010	Acenaphthylene	160	ug/Kg	
SEE09231210JDF1	9/23/2010	Acenaphthylene	160	ug/Kg	U
SEE09131026RCM1	9/13/2010	Acenaphthylene	160	ug/Kg	U
SEE09101625PML1	9/10/2010	Acenaphthylene	160	ug/Kg	UJ
SEE09061610JAW1	9/6/2010	Acenaphthylene	160	ug/Kg	

**TABLE B-2b**  
**Upstream Sediment Samples (Morrow Lake)**

Sample ID	Sample Date	Analyte	Result	Unit	Data Qualifier
SEE09031100PML1	9/3/2010	Acenaphthylene	160	ug/Kg	U
SEE08301550PML1	8/30/2010	Acenaphthylene	160	ug/Kg	U
SEE08301638MHS1	8/30/2010	Acenaphthylene	160	ug/Kg	U
SEE10191155JDF1	10/19/2010	Acenaphthylene	150	ug/Kg	U
SEE10191415JDF1	10/19/2010	Acenaphthylene	150	ug/Kg	U
SEE10191515JDF1	10/19/2010	Acenaphthylene	150	ug/Kg	U
SEE10111350JDF1	10/11/2010	Acenaphthylene	150	ug/Kg	
SEE10071540PML1	10/7/2010	Acenaphthylene	150	ug/Kg	
SEE09220935RCM1	9/22/2010	Acenaphthylene	150	ug/Kg	U
SEE09200945PML1	9/20/2010	Acenaphthylene	150	ug/Kg	U
SEE09200945PML1	9/20/2010	Acenaphthylene	150	ug/Kg	U
SEE09191040PML1	9/19/2010	Acenaphthylene	150	ug/Kg	U
SEE09181705PML1	9/18/2010	Acenaphthylene	150	ug/Kg	U
SEE09131445RCM1	9/13/2010	Acenaphthylene	150	ug/Kg	U
SEE09091005RCM1	9/9/2010	Acenaphthylene	150	ug/Kg	U
SEE09081205PML1	9/8/2010	Acenaphthylene	150	ug/Kg	U
SEE09071050PML1	9/7/2010	Acenaphthylene	150	ug/Kg	U
SEE09061105PML1	9/6/2010	Acenaphthylene	150	ug/Kg	U
SEE09031140MHS1	9/3/2010	Acenaphthylene	150	ug/Kg	U
SEE08311045PML1	8/31/2010	Acenaphthylene	150	ug/Kg	U
SEE10211010JWP1	10/21/2010	Acenaphthylene	140	ug/Kg	U
SEE10191100JDF1	10/19/2010	Acenaphthylene	140	ug/Kg	U
SEE10150945JDF1	10/15/2010	Acenaphthylene	140	ug/Kg	U
SEE10071205PML1	10/7/2010	Acenaphthylene	140	ug/Kg	
SEE10051415ARM1	10/5/2010	Acenaphthylene	140	ug/Kg	
SEE09301205RCM1	9/30/2010	Acenaphthylene	140	ug/Kg	U
SEE09230955RCM1	9/23/2010	Acenaphthylene	140	ug/Kg	U
SEE09221615JDF1	9/22/2010	Acenaphthylene	140	ug/Kg	
SEE09201115RCM1	9/20/2010	Acenaphthylene	140	ug/Kg	U
SEE09171445RCM1	9/17/2010	Acenaphthylene	140	ug/Kg	U
SEE09151015PML1	9/15/2010	Acenaphthylene	140	ug/Kg	U
SEE09051430PML1	9/5/2010	Acenaphthylene	140	ug/Kg	J
SEE09040950PML1	9/4/2010	Acenaphthylene	140	ug/Kg	U
SEE10221055DWS1	10/22/2010	Acenaphthylene	130	ug/Kg	U
SEE10191010JWP1	10/19/2010	Acenaphthylene	130	ug/Kg	U
SEE10151355ARM1	10/15/2010	Acenaphthylene	130	ug/Kg	
SEE10071101PML1	10/7/2010	Acenaphthylene	130	ug/Kg	J
SEE10040945JDF1	10/4/2010	Acenaphthylene	130	ug/Kg	
SEE09250905RCM1	9/25/2010	Acenaphthylene	130	ug/Kg	U
SEE09131620PML1	9/13/2010	Acenaphthylene	130	ug/Kg	J
SEE08261445JRP1	8/26/2010	Acenaphthylene	130	ug/Kg	U
SEE10121415ARM1	10/12/2010	Acenaphthylene	120	ug/Kg	U
SEE10051125PML1	10/5/2010	Acenaphthylene	120	ug/Kg	J
SEE10041150JDF1	10/4/2010	Acenaphthylene	120	ug/Kg	J
SEE09211112RCM1	9/21/2010	Acenaphthylene	120	ug/Kg	UJ
SEE10170915JDF1	10/17/2010	Acenaphthylene	110	ug/Kg	
SEE10111011JDF1	10/11/2010	Acenaphthylene	110	ug/Kg	J
SEE10061205PML1	10/6/2010	Acenaphthylene	110	ug/Kg	J
SEE10041050JDF1	10/4/2010	Acenaphthylene	110	ug/Kg	
SEE10041355ARM1	10/4/2010	Acenaphthylene	110	ug/Kg	
SEE09301255MAE1	9/30/2010	Acenaphthylene	110	ug/Kg	J
SEE09290925JDF1	9/29/2010	Acenaphthylene	110	ug/Kg	J
SEE09271025ARM1	9/27/2010	Acenaphthylene	110	ug/Kg	
SEE09171125PML1	9/17/2010	Acenaphthylene	110	ug/Kg	J
SEE09171530PML1	9/17/2010	Acenaphthylene	110	ug/Kg	J
SEE09141312RCM1	9/14/2010	Acenaphthylene	110	ug/Kg	U
SEE09011255PML1	9/1/2010	Acenaphthylene	110	ug/Kg	J
SEE10071415ARM1	10/7/2010	Acenaphthylene	100	ug/Kg	
SEE09271130JDF1	9/27/2010	Acenaphthylene	100	ug/Kg	J
SEE09271515JDF1	9/27/2010	Acenaphthylene	100	ug/Kg	J

**TABLE B-2b**  
**Upstream Sediment Samples (Morrow Lake)**

Sample ID	Sample Date	Analyte	Result	Unit	Data Qualifier
SEE09051015PML1	9/5/2010	Acenaphthylene	100	ug/Kg	J
SEE10051653PML1	10/5/2010	Acenaphthylene	98	ug/Kg	J
SEE09130955JRP1	9/13/2010	Acenaphthylene	97	ug/Kg	J
SEE10111125JDF1	10/11/2010	Acenaphthylene	96	ug/Kg	J
SEE09221105JDF1	9/22/2010	Acenaphthylene	96	ug/Kg	J
SEE08311348MHS1	8/31/2010	Acenaphthylene	93	ug/Kg	U
SEE10120930JDF1	10/12/2010	Acenaphthylene	91	ug/Kg	J
SEE09291135JDF1	9/29/2010	Acenaphthylene	85	ug/Kg	J
SEE09291035JDF1	9/29/2010	Acenaphthylene	83	ug/Kg	J
SEE09171415PML1	9/17/2010	Acenaphthylene	82	ug/Kg	J
SEE09131125PML1	9/13/2010	Acenaphthylene	79	ug/Kg	J
SEE09121450PML1	9/12/2010	Acenaphthylene	79	ug/Kg	J
SEE09011545PML1	9/1/2010	Acenaphthylene	78	ug/Kg	J
SEE09161045PML1	9/16/2010	Acenaphthylene	77	ug/Kg	J
SEE09090900JRP1	9/9/2010	Acenaphthylene	75	ug/Kg	J
SEE09051500MHS1	9/5/2010	Acenaphthylene	75	ug/Kg	U
SEE09201645ARM1	9/20/2010	Acenaphthylene	74	ug/Kg	J
SEE10221450DWS1	10/22/2010	Acenaphthylene	73	ug/Kg	U
SEE09031115JAW1	9/3/2010	Acenaphthylene	71	ug/Kg	J
SEE09221440JDF1	9/22/2010	Acenaphthylene	70	ug/Kg	J
SEE08301530JAW1	8/30/2010	Acenaphthylene	70	ug/Kg	J
SEE09170945PML1	9/17/2010	Acenaphthylene	69	ug/Kg	J
SEE09130940PML1	9/13/2010	Acenaphthylene	69	ug/Kg	J
SEE10081231PML1	10/8/2010	Acenaphthylene	67	ug/Kg	J
SEE09011145PML1	9/1/2010	Acenaphthylene	67	ug/Kg	J
SEE10061051RCM1	10/6/2010	Acenaphthylene	66	ug/Kg	J
SEE09231130ARM1	9/23/2010	Acenaphthylene	66	ug/Kg	J
SEE09051130PML1	9/5/2010	Acenaphthylene	66	ug/Kg	J
SEE08271614TWH1	8/27/2010	Acenaphthylene	65	ug/kg	J
SEE09211530JDF1	9/21/2010	Acenaphthylene	64	ug/Kg	J
SEE09041350PML1	9/4/2010	Acenaphthylene	63	ug/Kg	J
SEE10211345JWP1	10/21/2010	Acenaphthylene	62	ug/Kg	U
SEE09091025JRP1	9/9/2010	Acenaphthylene	62	ug/Kg	J
SEE08271500PML1	8/27/2010	Acenaphthylene	62	ug/kg	J
SEE10161115ARM1	10/16/2010	Acenaphthylene	61	ug/Kg	J
SEE09301105JDF1	9/30/2010	Acenaphthylene	61	ug/Kg	J
SEE09131505PML1	9/13/2010	Acenaphthylene	61	ug/Kg	J
SEE10161055JDF1	10/16/2010	Acenaphthylene	60	ug/Kg	J
SEE10041530JDF1	10/4/2010	Acenaphthylene	58	ug/Kg	J
SEE09091145PML1	9/9/2010	Acenaphthylene	56	ug/Kg	J
SEE08301015JRP1	8/30/2010	Acenaphthylene	56	ug/Kg	J
SEE10171410JDF1	10/17/2010	Acenaphthylene	55	ug/Kg	J
SEE10131150JDF1	10/13/2010	Acenaphthylene	55	ug/Kg	J
SEE10091401PML1	10/9/2010	Acenaphthylene	55	ug/Kg	J
SEE09301255JDF1	9/30/2010	Acenaphthylene	53	ug/Kg	J
SEE09260930RCM1	9/26/2010	Acenaphthylene	53	ug/Kg	J
SEE08261700JRP1	8/26/2010	Acenaphthylene	53	ug/Kg	U
SEE09100945RCM1	9/10/2010	Acenaphthylene	52	ug/Kg	UJ
SEE10171115JDF1	10/17/2010	Acenaphthylene	51	ug/Kg	J
SEE10081051RCM1	10/8/2010	Acenaphthylene	51	ug/Kg	J
SEE10031115JDF1	10/3/2010	Acenaphthylene	51	ug/Kg	J
SEE10031115JDF1	10/3/2010	Acenaphthylene	51	ug/Kg	J
SEE08301410JRP1	8/30/2010	Acenaphthylene	51	ug/Kg	U
SEE10101215PML1	10/10/2010	Acenaphthylene	50	ug/Kg	J
SEE10101215PML1	10/10/2010	Acenaphthylene	50	ug/Kg	J
SEE09211155JDF1	9/21/2010	Acenaphthylene	50	ug/Kg	J
SEE09061130MHS1	9/6/2010	Acenaphthylene	50	ug/Kg	J
SEE09011050PML1	9/1/2010	Acenaphthylene	50	ug/Kg	J
SEE08301520JRP1	8/30/2010	Acenaphthylene	50	ug/Kg	J
SEE09211120ARM1	9/21/2010	Acenaphthylene	49	ug/Kg	UJ



**TABLE B-2b**  
**Upstream Sediment Samples (Morrow Lake)**

Sample ID	Sample Date	Analyte	Result	Unit	Data Qualifier
SEE09201110ARM1	9/20/2010	Acenaphthylene	49	ug/Kg	U
SEE09091515PML1	9/9/2010	Acenaphthylene	49	ug/Kg	J
SEE10181035JDF1	10/18/2010	Acenaphthylene	48	ug/Kg	J
SEE10141555ARM1	10/14/2010	Acenaphthylene	48	ug/Kg	J
SEE09091410PML1	9/9/2010	Acenaphthylene	48	ug/Kg	J
SEE09081020RCM1	9/8/2010	Acenaphthylene	48	ug/Kg	J
SEE09021400PML1	9/2/2010	Acenaphthylene	48	ug/Kg	J
SEE10081035ARM1	10/8/2010	Acenaphthylene	47	ug/Kg	U
SEE09171200ARM1	9/17/2010	Acenaphthylene	47	ug/Kg	U
SEE09091605PML1	9/9/2010	Acenaphthylene	47	ug/Kg	J
SEF10221050MAE3	10/22/2010	Acenaphthylene	46	ug/Kg	U
SEE10151055ARM1	10/15/2010	Acenaphthylene	46	ug/Kg	J
SEE10101010PML1	10/10/2010	Acenaphthylene	46	ug/Kg	J
SEF10011045TDF1	10/1/2010	Acenaphthylene	46	ug/Kg	U
SEE09200911RCM1	9/20/2010	Acenaphthylene	46	ug/Kg	U
SEE09061525MHS1	9/6/2010	Acenaphthylene	46	ug/Kg	J
SEE10121155JDF1	10/12/2010	Acenaphthylene	45	ug/Kg	J
SEE09271500ARM1	9/27/2010	Acenaphthylene	45	ug/Kg	U
SEE09231205RCM1	9/23/2010	Acenaphthylene	45	ug/Kg	U
SEE09191445RCM1	9/19/2010	Acenaphthylene	45	ug/Kg	J
SEE09011545MHS1	9/1/2010	Acenaphthylene	45	ug/Kg	J
SEE08291550KAP1	8/29/2010	Acenaphthylene	45	ug/kg	J
SEE08281505PML1	8/28/2010	Acenaphthylene	45	ug/kg	J
SEF10191135NAC3	10/19/2010	Acenaphthylene	44	ug/Kg	U
SEE10141550JDF1	10/14/2010	Acenaphthylene	44	ug/Kg	J
SEE10141550JDF1	10/14/2010	Acenaphthylene	44	ug/Kg	J
SEE09281445RCM1	9/28/2010	Acenaphthylene	44	ug/Kg	U
SEE09251235ARM1	9/25/2010	Acenaphthylene	44	ug/Kg	U
SEE09170839RCM1	9/17/2010	Acenaphthylene	44	ug/Kg	J
SEE09150915JRP1	9/15/2010	Acenaphthylene	44	ug/Kg	U
SEE09070930JRP1	9/7/2010	Acenaphthylene	44	ug/Kg	U
SEE08301100JRP1	8/30/2010	Acenaphthylene	44	ug/Kg	U
SEE08301145MHS1	8/30/2010	Acenaphthylene	44	ug/Kg	J
SEE08301445JRP1	8/30/2010	Acenaphthylene	44	ug/Kg	J
SEE10181430JWP1	10/18/2010	Acenaphthylene	43	ug/Kg	J
SEF10081108TDF3	10/8/2010	Acenaphthylene	43	ug/Kg	U
SEE10041045ARM1	10/4/2010	Acenaphthylene	43	ug/Kg	U
SEE10011043RCM1	10/1/2010	Acenaphthylene	43	ug/Kg	U
SEE09261215JDF1	9/26/2010	Acenaphthylene	43	ug/Kg	J
SEE09261625JDF1	9/26/2010	Acenaphthylene	43	ug/Kg	J
SEE09261625JDF1	9/26/2010	Acenaphthylene	43	ug/Kg	J
SEE09231035ARM1	9/23/2010	Acenaphthylene	43	ug/Kg	U
SEE09170935RCM1	9/17/2010	Acenaphthylene	43	ug/Kg	U
SEE08301130PML1	8/30/2010	Acenaphthylene	43	ug/Kg	J
SEF10151030PMB3	10/15/2010	Acenaphthylene	42	ug/Kg	U
SEE10141015JDF1	10/14/2010	Acenaphthylene	42	ug/Kg	J
SEF10121130PMB3	10/12/2010	Acenaphthylene	42	ug/Kg	U
SEE10071042RCM1	10/7/2010	Acenaphthylene	42	ug/Kg	J
SEE09100920JRP1	9/10/2010	Acenaphthylene	42	ug/Kg	UJ
SEE09051500JAW1	9/5/2010	Acenaphthylene	42	ug/Kg	U
SEE09051550MHS1	9/5/2010	Acenaphthylene	42	ug/Kg	J
SEE09021010PML1	9/2/2010	Acenaphthylene	42	ug/Kg	J
SEB09011143JLS1	9/1/2010	Acenaphthylene	42	ug/Kg	U
SEE10141150JDF1	10/14/2010	Acenaphthylene	41	ug/Kg	J
SEE10011120JDF1	10/1/2010	Acenaphthylene	41	ug/Kg	J
SEE10131035ARM1	10/13/2010	Acenaphthylene	40	ug/Kg	U
SEE10051145RCM1	10/5/2010	Acenaphthylene	40	ug/Kg	U
SEE09301025MAE1	9/30/2010	Acenaphthylene	40	ug/Kg	U
SEE09251135JDF1	9/25/2010	Acenaphthylene	40	ug/Kg	J
SEE09221045ARM1	9/22/2010	Acenaphthylene	40	ug/Kg	U

**TABLE B-2b**  
**Upstream Sediment Samples (Morrow Lake)**

Sample ID	Sample Date	Analyte	Result	Unit	Data Qualifier
SEE09080930JRP1	9/8/2010	Acenaphthylene	40	ug/Kg	U
SEE09011515JAW1	9/1/2010	Acenaphthylene	40	ug/Kg	U
SEE10191115JWP1	10/19/2010	Acenaphthylene	39	ug/Kg	U
SEE10181510JDF1	10/18/2010	Acenaphthylene	39	ug/Kg	J
SEE10181510JDF1	10/18/2010	Acenaphthylene	39	ug/Kg	J
SEE10091614PML1	10/9/2010	Acenaphthylene	39	ug/Kg	J
SEE10061640PML1	10/6/2010	Acenaphthylene	39	ug/Kg	J
SEE10061640PML1	10/6/2010	Acenaphthylene	39	ug/Kg	J
SEF09281139TDF1	9/28/2010	Acenaphthylene	39	ug/Kg	U
SEE09121055PML1	9/12/2010	Acenaphthylene	39	ug/Kg	J
SEE09121055PML1	9/12/2010	Acenaphthylene	39	ug/Kg	J
SEE09030925PML1	9/3/2010	Acenaphthylene	39	ug/Kg	J
SEE10161530JDF1	10/16/2010	Acenaphthylene	38	ug/Kg	J
SEE10041138RCM1	10/4/2010	Acenaphthylene	38	ug/Kg	J
SEE09291023RCM1	9/29/2010	Acenaphthylene	38	ug/Kg	J
SEE09141135PML1	9/14/2010	Acenaphthylene	38	ug/Kg	J
SEE09121436RCM1	9/12/2010	Acenaphthylene	38	ug/Kg	J
SEE10181030JWP1	10/18/2010	Acenaphthylene	37	ug/Kg	U
SEE09141515PML1	9/14/2010	Acenaphthylene	37	ug/Kg	J
SEE08300920JRP1	8/30/2010	Acenaphthylene	37	ug/Kg	J
SEE10181210JDF1	10/18/2010	Acenaphthylene	36	ug/Kg	J
SEE10161415JDF1	10/16/2010	Acenaphthylene	36	ug/Kg	J
SEE09031645MHS1	9/3/2010	Acenaphthylene	35	ug/Kg	J
SEE09091010PML1	9/9/2010	Acenaphthylene	34	ug/Kg	J
SEE09191530PML1	9/19/2010	Acenaphthylene	33	ug/Kg	J
SEE09151145PML1	9/15/2010	Acenaphthylene	33	ug/Kg	J
SEE09151145PML1	9/15/2010	Acenaphthylene	33	ug/Kg	J
SEE09081010PML1	9/8/2010	Acenaphthylene	33	ug/Kg	J
SEE10121040ARM1	10/12/2010	Acenaphthylene	32	ug/Kg	J
SEE09140945PML1	9/14/2010	Acenaphthylene	32	ug/Kg	J
SEE08291421KAP1	8/29/2010	Acenaphthylene	32	ug/kg	J
SEE08281215PML1	8/28/2010	Acenaphthylene	32	ug/kg	J
SEE09111015PML1	9/11/2010	Acenaphthylene	31	ug/Kg	J
SEE09031650PML1	9/3/2010	Acenaphthylene	31	ug/Kg	J
SEE09031650PML1	9/3/2010	Acenaphthylene	31	ug/Kg	J
SEE08281630RCM1	8/28/2010	Acenaphthylene	31	ug/kg	J
SEE08271215PML1	8/27/2010	Acenaphthylene	31	ug/kg	J
SEE09161035RCM1	9/16/2010	Acenaphthylene	30	ug/Kg	J
SEE09291645JDF1	9/29/2010	Acenaphthylene	29	ug/Kg	J
SEE08281420TWH1	8/28/2010	Acenaphthylene	24	ug/kg	J
SEE09130915JRP1	9/13/2010	Acenaphthylene	22	ug/Kg	J
SEE08271652TWH1	8/27/2010	Acenaphthylene	22	ug/kg	J
SEE10071045ARM1	10/7/2010	Acenaphthylene	21	ug/Kg	J
SEE09290915MAE1	9/29/2010	Acenaphthylene	21	ug/Kg	J
SEE08311010JRP1	8/31/2010	Acenaphthylene	20	ug/Kg	J
SEE08281510TWH1	8/28/2010	Acenaphthylene	20	ug/kg	J
SEF10051206TDF3	10/5/2010	Acenaphthylene	18	ug/Kg	J
SEE10061135ARM1	10/6/2010	Acenaphthylene	16	ug/Kg	J
SEE10141025ARM1	10/14/2010	Acenaphthylene	15	ug/Kg	J
SEE08291354KAP1	8/29/2010	Acenaphthylene	15	ug/kg	J
SEE10071151RCM1	10/7/2010	Acenaphthylene	13	ug/Kg	J
SEE10011125ARM1	10/1/2010	Acenaphthylene	12	ug/Kg	J
SEE08291445PML1	8/29/2010	Acenaphthylene	12	ug/kg	J
SEE09140945JRP1	9/14/2010	Acenaphthylene	11	ug/Kg	J
ML-07-S-081810	8/18/2010	Acenaphthylene	0.37	mg/Kg	UJ
ML-06-S-082310	8/23/2010	Acenaphthylene	0.33	mg/Kg	U
ML-04-S-081710	8/17/2010	Acenaphthylene	0.32	mg/Kg	U
ML-10-S-081910	8/19/2010	Acenaphthylene	0.31	mg/Kg	U
ML-10-S-081910	8/19/2010	Acenaphthylene	0.31	mg/Kg	U
ML-09-S-081810	8/18/2010	Acenaphthylene	0.31	mg/Kg	UJ

**TABLE B-2b**  
**Upstream Sediment Samples (Morrow Lake)**

Sample ID	Sample Date	Analyte	Result	Unit	Data Qualifier
ML-06-S-081710	8/17/2010	Acenaphthylene	0.31	mg/Kg	U
ML-10-S-082610	8/26/2010	Acenaphthylene	0.30	mg/Kg	U
ML-10-S-082610	8/26/2010	Acenaphthylene	0.30	mg/Kg	U
ML-08-S-082110	8/21/2010	Acenaphthylene	0.17	mg/Kg	U
ML-03-S-081610	8/16/2010	Acenaphthylene	0.12	mg/Kg	
ML-03-S-082010	8/20/2010	Acenaphthylene	0.097	mg/Kg	J
ML-03-S-082510	8/25/2010	Acenaphthylene	0.084	mg/Kg	J
ML-04-S-082010	8/20/2010	Acenaphthylene	0.077	mg/Kg	J
ML-02-S-082510	8/25/2010	Acenaphthylene	0.076	mg/Kg	J
ML-04-S-082410	8/24/2010	Acenaphthylene	0.065	mg/Kg	J
ML-01-S-082510	8/25/2010	Acenaphthylene	0.064	mg/Kg	J
ML-05-S-082010	8/20/2010	Acenaphthylene	0.062	mg/Kg	J
ML-02-S-082010	8/20/2010	Acenaphthylene	0.061	mg/Kg	J
ML-05-S-081710	8/17/2010	Acenaphthylene	0.057	mg/Kg	J
ML-01-S-081610	8/16/2010	Acenaphthylene	0.057	mg/Kg	J
ML-05-S-082310	8/23/2010	Acenaphthylene	0.051	mg/Kg	J
ML-03-S-082310	8/23/2010	Acenaphthylene	0.050	mg/Kg	J
ML-01-S-082110	8/21/2010	Acenaphthylene	0.049	mg/Kg	J
ML-02-S-082310	8/23/2010	Acenaphthylene	0.040	mg/Kg	J
ML-07-S-082110	8/21/2010	Acenaphthylene	0.037	mg/Kg	J
ML-07-S-082410	8/24/2010	Acenaphthylene	0.035	mg/Kg	J
ML-02-S-081710	8/17/2010	Acenaphthylene	0.034	mg/Kg	J
ML-08-S-082510	8/25/2010	Acenaphthylene	0.030	mg/Kg	J
ML-07-S-082510	8/25/2010	Acenaphthylene	0.028	mg/Kg	J
ML-01-S-081910	8/19/2010	Acenaphthylene	0.027	mg/Kg	J
ML-04-S-082610	8/26/2010	Acenaphthylene	0.024	mg/Kg	J
ML-05-S-082610	8/26/2010	Acenaphthylene	0.024	mg/Kg	J
ML-10-S-082110	8/21/2010	Acenaphthylene	0.024	mg/Kg	J
ML-10-S-082110	8/21/2010	Acenaphthylene	0.024	mg/Kg	J
ML-10-S-081610	8/16/2010	Acenaphthylene	0.024	mg/Kg	J
ML-10-S-081610	8/16/2010	Acenaphthylene	0.024	mg/Kg	J
ML-08-S-081610	8/16/2010	Acenaphthylene	0.023	mg/Kg	J
ML-09-S-082110	8/21/2010	Acenaphthylene	0.022	mg/Kg	J
ML-06-S-082510	8/25/2010	Acenaphthylene	0.021	mg/Kg	J
ML-09-S-082410	8/24/2010	Acenaphthylene	0.021	mg/Kg	J
ML-07-S-081610	8/16/2010	Acenaphthylene	0.021	mg/Kg	J
ML-06-S-082010	8/20/2010	Acenaphthylene	0.020	mg/Kg	J
ML-10-S-082410	8/24/2010	Acenaphthylene	0.019	mg/Kg	J
ML-10-S-082410	8/24/2010	Acenaphthylene	0.019	mg/Kg	J
ML-09-S-082510	8/25/2010	Acenaphthylene	0.017	mg/Kg	J
ML-08-S-082410	8/24/2010	Acenaphthylene	0.017	mg/Kg	J
SEE09091410RCM1	9/9/2010	Acetone	7000	ug/Kg	E
SEE10211035JDF1	10/21/2010	Acetone	2800	ug/Kg	U
SEE10191515JDF1	10/19/2010	Acetone	2500	ug/Kg	U
SEE10221110JDF1	10/22/2010	Acetone	2400	ug/Kg	U
SEE10221110JDF1	10/22/2010	Acetone	2400	ug/Kg	U
SEE10211430JDF1	10/21/2010	Acetone	2400	ug/Kg	U
SEE10191005JDF1	10/19/2010	Acetone	2400	ug/Kg	U
SEE10191155JDF1	10/19/2010	Acetone	2200	ug/Kg	U
SEE10211010JWP1	10/21/2010	Acetone	2100	ug/Kg	U
SEE10191100JDF1	10/19/2010	Acetone	2100	ug/Kg	U
SEE10221055DWS1	10/22/2010	Acetone	2000	ug/Kg	U
SEE10191010JWP1	10/19/2010	Acetone	2000	ug/Kg	U
SEE10191415JDF1	10/19/2010	Acetone	1300	ug/Kg	J
SEE10221450DWS1	10/22/2010	Acetone	1100	ug/Kg	U
SEE10211345JWP1	10/21/2010	Acetone	980	ug/Kg	U
SEE09171200ARM1	9/17/2010	Acetone	910	ug/Kg	J
SEE10181430JWP1	10/18/2010	Acetone	840	ug/Kg	
SEE08301015JRP1	8/30/2010	Acetone	720	ug/Kg	
SEF10221050MAE3	10/22/2010	Acetone	690	ug/Kg	U

**TABLE B-2b**  
**Upstream Sediment Samples (Morrow Lake)**

Sample ID	Sample Date	Analyte	Result	Unit	Data Qualifier
SEE10141015JDF1	10/14/2010	Acetone	690	ug/Kg	U
SEF10191135NAC3	10/19/2010	Acetone	670	ug/Kg	U
SEE10191115JWP1	10/19/2010	Acetone	610	ug/Kg	U
SEE10151055ARM1	10/15/2010	Acetone	570	ug/Kg	
SEE10141555ARM1	10/14/2010	Acetone	550	ug/Kg	
SEE10121415ARM1	10/12/2010	Acetone	490	ug/Kg	
SEE10161115ARM1	10/16/2010	Acetone	420	ug/Kg	
SEE09201115RCM1	9/20/2010	Acetone	380	ug/Kg	
SEB08281400JLS1	8/28/2010	Acetone	360	ug/kg	B
SEE09021010PML1	9/2/2010	Acetone	340	ug/Kg	
SEE09051130PML1	9/5/2010	Acetone	320	ug/Kg	
SEE08291421KAP1	8/29/2010	Acetone	310	ug/kg	B
SEE08281420TWH1	8/28/2010	Acetone	310	ug/kg	B
SEE10151355ARM1	10/15/2010	Acetone	300	ug/Kg	
SEE08301520JRP1	8/30/2010	Acetone	300	ug/Kg	
SEE09301205RCM1	9/30/2010	Acetone	290	ug/Kg	
SEE09081205PML1	9/8/2010	Acetone	280	ug/Kg	
SEE10041138RCM1	10/4/2010	Acetone	270	ug/Kg	
SEE08301445JRP1	8/30/2010	Acetone	260	ug/Kg	
SEE08281607TWH1	8/28/2010	Acetone	260	ug/kg	B
SEE09131620PML1	9/13/2010	Acetone	250	ug/Kg	
SEE10041530JDF1	10/4/2010	Acetone	220	ug/Kg	
SEE09230955RCM1	9/23/2010	Acetone	220	ug/Kg	
SEE08291550KAP1	8/29/2010	Acetone	220	ug/kg	B
SEE10071042RCM1	10/7/2010	Acetone	210	ug/Kg	
SEE09291645JDF1	9/29/2010	Acetone	210	ug/Kg	
SEE09251135JDF1	9/25/2010	Acetone	210	ug/Kg	
SEE09061130MHS1	9/6/2010	Acetone	210	ug/Kg	
SEE09220935RCM1	9/22/2010	Acetone	190	ug/Kg	
SEE09191445RCM1	9/19/2010	Acetone	190	ug/Kg	
SEE09141515PML1	9/14/2010	Acetone	190	ug/Kg	J
SEE08300920JRP1	8/30/2010	Acetone	190	ug/Kg	
SEE08271652TWH1	8/27/2010	Acetone	190	ug/kg	B
SEE10141025ARM1	10/14/2010	Acetone	180	ug/Kg	
SEE10091200ARM1	10/9/2010	Acetone	180	ug/Kg	
SEE10081115PML1	10/8/2010	Acetone	180	ug/Kg	
SEE09061500PML1	9/6/2010	Acetone	180	ug/Kg	
SEE10081035ARM1	10/8/2010	Acetone	170	ug/Kg	
SEE10031425JDF1	10/3/2010	Acetone	170	ug/Kg	
SEE09081020RCM1	9/8/2010	Acetone	170	ug/Kg	
SEB09011143JLS1	9/1/2010	Acetone	170	ug/Kg	
SEE10091401PML1	10/9/2010	Acetone	160	ug/Kg	
SEE09260930RCM1	9/26/2010	Acetone	160	ug/Kg	
SEE08301550PML1	8/30/2010	Acetone	160	ug/Kg	
SEE08281215PML1	8/28/2010	Acetone	160	ug/kg	B
SEE10181035JDF1	10/18/2010	Acetone	150	ug/Kg	
SEE10061051RCM1	10/6/2010	Acetone	150	ug/Kg	
SEE09131445RCM1	9/13/2010	Acetone	150	ug/Kg	
SEE09121105RCM1	9/12/2010	Acetone	150	ug/Kg	
SEE09091005RCM1	9/9/2010	Acetone	150	ug/Kg	
SEE08281505PML1	8/28/2010	Acetone	150	ug/kg	U
SEE08271536TWH1	8/27/2010	Acetone	150	ug/kg	B
SEE08261420RCM1	8/26/2010	Acetone	150	ug/kg	B
SEE10181510JDF1	10/18/2010	Acetone	140	ug/Kg	
SEE10181510JDF1	10/18/2010	Acetone	140	ug/Kg	
SEE10031115JDF1	10/3/2010	Acetone	140	ug/Kg	
SEE10031115JDF1	10/3/2010	Acetone	140	ug/Kg	
SEE09021400PML1	9/2/2010	Acetone	140	ug/Kg	
SEE08271215PML1	8/27/2010	Acetone	140	ug/kg	U
SEE10121155JDF1	10/12/2010	Acetone	130	ug/Kg	

**TABLE B-2b**  
**Upstream Sediment Samples (Morrow Lake)**

Sample ID	Sample Date	Analyte	Result	Unit	Data Qualifier
SEE09141135PML1	9/14/2010	Acetone	130	ug/Kg	J
SEE08281510TWH1	8/28/2010	Acetone	130	ug/kg	B
SEE08281630RCM1	8/28/2010	Acetone	130	ug/kg	U
SEE10171410JDF1	10/17/2010	Acetone	120	ug/Kg	
SEE10131150JDF1	10/13/2010	Acetone	120	ug/Kg	
SEE10091614PML1	10/9/2010	Acetone	120	ug/Kg	
SEE10051653PML1	10/5/2010	Acetone	120	ug/Kg	
SEE09301255JDF1	9/30/2010	Acetone	120	ug/Kg	
SEE09211112RCM1	9/21/2010	Acetone	120	ug/Kg	
SEE09131026RCM1	9/13/2010	Acetone	120	ug/Kg	
SEE08261445JRP1	8/26/2010	Acetone	120	ug/Kg	
SEE09301105JDF1	9/30/2010	Acetone	110	ug/Kg	
SEE08291110PML1	8/29/2010	Acetone	110	ug/kg	U
SEE08271614TWH1	8/27/2010	Acetone	110	ug/kg	B
SEE08261620RCM1	8/26/2010	Acetone	110	ug/kg	B
SEE10171535ARM1	10/17/2010	Acetone	100	ug/Kg	
SEE09181235PML1	9/18/2010	Acetone	100	ug/Kg	
SEE09171445RCM1	9/17/2010	Acetone	100	ug/Kg	
SEE08271500PML1	8/27/2010	Acetone	91	ug/kg	U
SEE10041355ARM1	10/4/2010	Acetone	89	ug/Kg	
SEE10011120JDF1	10/1/2010	Acetone	86	ug/Kg	J
SEE10141550JDF1	10/14/2010	Acetone	85	ug/Kg	
SEE10141550JDF1	10/14/2010	Acetone	85	ug/Kg	
SEE09011545MHS1	9/1/2010	Acetone	82	ug/Kg	
SEE08271145RCM1	8/27/2010	Acetone	80	ug/kg	U
SEE09161035RCM1	9/16/2010	Acetone	79	ug/Kg	
SEE09191040PML1	9/19/2010	Acetone	76	ug/Kg	
SEE10071151RCM1	10/7/2010	Acetone	74	ug/Kg	
SEE09250905RCM1	9/25/2010	Acetone	73	ug/Kg	
SEE10171115JDF1	10/17/2010	Acetone	71	ug/Kg	
SEE10071415ARM1	10/7/2010	Acetone	68	ug/Kg	
SEE10061640PML1	10/6/2010	Acetone	67	ug/Kg	
SEE10061640PML1	10/6/2010	Acetone	67	ug/Kg	
SEE10051415ARM1	10/5/2010	Acetone	63	ug/Kg	
SEE09121436RCM1	9/12/2010	Acetone	63	ug/Kg	
SEE09201110ARM1	9/20/2010	Acetone	62	ug/Kg	
SEE09200945PML1	9/20/2010	Acetone	60	ug/Kg	U
SEE09200945PML1	9/20/2010	Acetone	60	ug/Kg	U
SEE10141150JDF1	10/14/2010	Acetone	59	ug/Kg	
SEE10051125PML1	10/5/2010	Acetone	58	ug/Kg	
SEE09291023RCM1	9/29/2010	Acetone	58	ug/Kg	
SEE10081051RCM1	10/8/2010	Acetone	56	ug/Kg	
SEE09231210JDF1	9/23/2010	Acetone	56	ug/Kg	
SEE10181210JDF1	10/18/2010	Acetone	55	ug/Kg	
SEE08301100JRP1	8/30/2010	Acetone	54	ug/Kg	
SEE09201645ARM1	9/20/2010	Acetone	48	ug/Kg	U
SEE10101215PML1	10/10/2010	Acetone	43	ug/Kg	
SEE10101215PML1	10/10/2010	Acetone	43	ug/Kg	
SEE09181705PML1	9/18/2010	Acetone	42	ug/Kg	U
SEE08291445PML1	8/29/2010	Acetone	42	ug/kg	U
SEE10170915JDF1	10/17/2010	Acetone	41	ug/Kg	
SEE09170839RCM1	9/17/2010	Acetone	41	ug/Kg	
SEE09061525MHS1	9/6/2010	Acetone	41	ug/Kg	
SEE09051550MHS1	9/5/2010	Acetone	41	ug/Kg	
SEE08301130PML1	8/30/2010	Acetone	41	ug/Kg	U
SEE08311045PML1	8/31/2010	Acetone	39	ug/Kg	U
SEE09130955JRP1	9/13/2010	Acetone	38	ug/Kg	
SEE09101215PML1	9/10/2010	Acetone	38	ug/Kg	U
SEE10161530JDF1	10/16/2010	Acetone	37	ug/Kg	U
SEF10151030PMB3	10/15/2010	Acetone	37	ug/Kg	

**TABLE B-2b**  
**Upstream Sediment Samples (Morrow Lake)**

Sample ID	Sample Date	Analyte	Result	Unit	Data Qualifier
SEE09030925PML1	9/3/2010	Acetone	37	ug/Kg	U
SEE09031115JAW1	9/3/2010	Acetone	37	ug/Kg	U
SEE08291354KAP1	8/29/2010	Acetone	37	ug/kg	U
SEE09191530PML1	9/19/2010	Acetone	36	ug/Kg	U
SEE09101022PML1	9/10/2010	Acetone	36	ug/Kg	U
SEE10121040ARM1	10/12/2010	Acetone	35	ug/Kg	
SEE08311420PML1	8/31/2010	Acetone	35	ug/Kg	
SEE08311420PML1	8/31/2010	Acetone	35	ug/Kg	
SEE09011545PML1	9/1/2010	Acetone	34	ug/Kg	U
SEE10101010PML1	10/10/2010	Acetone	33	ug/Kg	U
SEE10011125ARM1	10/1/2010	Acetone	33	ug/Kg	J
SEE09140945PML1	9/14/2010	Acetone	33	ug/Kg	UJ
SEE09031100PML1	9/3/2010	Acetone	33	ug/Kg	U
SEE09231645JDF1	9/23/2010	Acetone	32	ug/Kg	U
SEE09101625PML1	9/10/2010	Acetone	32	ug/Kg	U
SEE09061105PML1	9/6/2010	Acetone	32	ug/Kg	U
SEE10111011JDF1	10/11/2010	Acetone	31	ug/Kg	
SEE10081231PML1	10/8/2010	Acetone	31	ug/Kg	U
SEE09161045PML1	9/16/2010	Acetone	31	ug/Kg	U
SEE09071050PML1	9/7/2010	Acetone	31	ug/Kg	UJ
SEE08301145MHS1	8/30/2010	Acetone	31	ug/Kg	U
SEE10120930JDF1	10/12/2010	Acetone	30	ug/Kg	U
SEE10071101PML1	10/7/2010	Acetone	30	ug/Kg	U
SEE09261625JDF1	9/26/2010	Acetone	30	ug/Kg	U
SEE09261625JDF1	9/26/2010	Acetone	30	ug/Kg	U
SEE09141312RCM1	9/14/2010	Acetone	30	ug/Kg	J
SEE09121055PML1	9/12/2010	Acetone	30	ug/Kg	U
SEE09121055PML1	9/12/2010	Acetone	30	ug/Kg	U
SEE09011050PML1	9/1/2010	Acetone	30	ug/Kg	U
SEE09261215JDF1	9/26/2010	Acetone	29	ug/Kg	U
SEE09231130ARM1	9/23/2010	Acetone	29	ug/Kg	U
SEE09131505PML1	9/13/2010	Acetone	29	ug/Kg	U
SEE09040950PML1	9/4/2010	Acetone	29	ug/Kg	U
SEE09211155JDF1	9/21/2010	Acetone	28	ug/Kg	U
SEE09171415PML1	9/17/2010	Acetone	28	ug/Kg	U
SEE09151145PML1	9/15/2010	Acetone	28	ug/Kg	U
SEE09151145PML1	9/15/2010	Acetone	28	ug/Kg	U
SEE09121450PML1	9/12/2010	Acetone	28	ug/Kg	U
SEE09091515PML1	9/9/2010	Acetone	28	ug/Kg	U
SEE09081010PML1	9/8/2010	Acetone	28	ug/Kg	U
SEE09031650PML1	9/3/2010	Acetone	28	ug/Kg	J
SEE09031650PML1	9/3/2010	Acetone	28	ug/Kg	J
SEE09011255PML1	9/1/2010	Acetone	28	ug/Kg	U
SEE10061205PML1	10/6/2010	Acetone	27	ug/Kg	U
SEE10041150JDF1	10/4/2010	Acetone	27	ug/Kg	U
SEE09221440JDF1	9/22/2010	Acetone	27	ug/Kg	U
SEE09151015PML1	9/15/2010	Acetone	27	ug/Kg	U
SEE09271130JDF1	9/27/2010	Acetone	26	ug/Kg	U
SEE09131125PML1	9/13/2010	Acetone	26	ug/Kg	U
SEE09091010PML1	9/9/2010	Acetone	26	ug/Kg	U
SEE09091145PML1	9/9/2010	Acetone	26	ug/Kg	U
SEE09091410PML1	9/9/2010	Acetone	26	ug/Kg	U
SEE09011145PML1	9/1/2010	Acetone	26	ug/Kg	U
SEF10121130PMB3	10/12/2010	Acetone	25	ug/Kg	
SEE10111125JDF1	10/11/2010	Acetone	25	ug/Kg	U
SEE09291035JDF1	9/29/2010	Acetone	25	ug/Kg	U
SEE09111015PML1	9/11/2010	Acetone	25	ug/Kg	U
SEE09051015PML1	9/5/2010	Acetone	25	ug/Kg	U
SEE10161415JDF1	10/16/2010	Acetone	24	ug/Kg	U
SEE10071045ARM1	10/7/2010	Acetone	24	ug/Kg	

**TABLE B-2b**  
**Upstream Sediment Samples (Morrow Lake)**

Sample ID	Sample Date	Analyte	Result	Unit	Data Qualifier
SEE10040945JDF1	10/4/2010	Acetone	24	ug/Kg	U
SEE09211530JDF1	9/21/2010	Acetone	24	ug/Kg	U
SEE09170945PML1	9/17/2010	Acetone	24	ug/Kg	U
SEE09171125PML1	9/17/2010	Acetone	24	ug/Kg	U
SEE09091605PML1	9/9/2010	Acetone	24	ug/Kg	U
SEE09041350PML1	9/4/2010	Acetone	24	ug/Kg	U
SEE09011635PML1	9/1/2010	Acetone	24	ug/Kg	
SEE08301410JRP1	8/30/2010	Acetone	24	ug/Kg	
SEE10071205PML1	10/7/2010	Acetone	23	ug/Kg	U
SEE10071540PML1	10/7/2010	Acetone	23	ug/Kg	U
SEE10041335JDF1	10/4/2010	Acetone	23	ug/Kg	U
SEE09271025ARM1	9/27/2010	Acetone	23	ug/Kg	U
SEE09171530PML1	9/17/2010	Acetone	23	ug/Kg	U
SEE09051430PML1	9/5/2010	Acetone	23	ug/Kg	U
SEE10150945JDF1	10/15/2010	Acetone	22	ug/Kg	U
SEE10111350JDF1	10/11/2010	Acetone	22	ug/Kg	U
SEE09271515JDF1	9/27/2010	Acetone	22	ug/Kg	U
SEE09221105JDF1	9/22/2010	Acetone	22	ug/Kg	U
SEE09130940PML1	9/13/2010	Acetone	22	ug/Kg	U
SEE08281540JRP1	8/28/2010	Acetone	22	ug/kg	U
SEE10121030JDF1	10/12/2010	Acetone	21	ug/Kg	U
SEE09290925JDF1	9/29/2010	Acetone	21	ug/Kg	U
SEE09091025JRP1	9/9/2010	Acetone	21	ug/Kg	U
SEE10161055JDF1	10/16/2010	Acetone	20	ug/Kg	U
SEE09031140MHS1	9/3/2010	Acetone	20	ug/Kg	U
SEE10041050JDF1	10/4/2010	Acetone	19	ug/Kg	U
SEE09301255MAE1	9/30/2010	Acetone	19	ug/Kg	U
SEE09031645MHS1	9/3/2010	Acetone	19	ug/Kg	U
SEE09221615JDF1	9/22/2010	Acetone	18	ug/Kg	U
SEE08311010JRP1	8/31/2010	Acetone	18	ug/Kg	U
SEE09200911RCM1	9/20/2010	Acetone	17	ug/Kg	U
SEE09090900JRP1	9/9/2010	Acetone	17	ug/Kg	U
SEE10041045ARM1	10/4/2010	Acetone	16	ug/Kg	
SEE09291135JDF1	9/29/2010	Acetone	16	ug/Kg	U
SEE09231205RCM1	9/23/2010	Acetone	16	ug/Kg	
SEE08301530JAW1	8/30/2010	Acetone	15	ug/Kg	U
SEE08311348MHS1	8/31/2010	Acetone	14	ug/Kg	U
SEE08301638MHS1	8/30/2010	Acetone	14	ug/Kg	J
SEF10051206TDF3	10/5/2010	Acetone	13	ug/Kg	
SEE09281445RCM1	9/28/2010	Acetone	12	ug/Kg	
SEE08271445JRP1	8/27/2010	Acetone	11	ug/kg	U
ML-07-S-082510	8/25/2010	Acetone	9.7	mg/Kg	J
SEE09130915JRP1	9/13/2010	Acetone	9.1	ug/Kg	J
SEE09061610JAW1	9/6/2010	Acetone	8.5	ug/Kg	U
SEE10061135ARM1	10/6/2010	Acetone	8.3	ug/Kg	
SEE08261700JRP1	8/26/2010	Acetone	8.2	ug/Kg	U
SEE09051500MHS1	9/5/2010	Acetone	8.0	ug/Kg	U
SEE09231035ARM1	9/23/2010	Acetone	7.9	ug/Kg	U
SEE09100945RCM1	9/10/2010	Acetone	7.5	ug/Kg	U
SEE09211120ARM1	9/21/2010	Acetone	7.4	ug/Kg	U
SEE09271500ARM1	9/27/2010	Acetone	6.2	ug/Kg	U
ML-07-S-082410	8/24/2010	Acetone	6.2	mg/Kg	UJ
SEE09170935RCM1	9/17/2010	Acetone	6.1	ug/Kg	U
ML-03-S-082510	8/25/2010	Acetone	6.0	mg/Kg	J
SEF10011045TDF1	10/1/2010	Acetone	6.0	ug/Kg	U
SEE09150915JRP1	9/15/2010	Acetone	6.0	ug/Kg	U
SEE10011043RCM1	10/1/2010	Acetone	5.8	ug/Kg	U
SEE09290915MAE1	9/29/2010	Acetone	5.8	ug/Kg	U
ML-06-S-082010	8/20/2010	Acetone	5.8	mg/Kg	U
ML-06-S-082510	8/25/2010	Acetone	5.7	mg/Kg	J

**TABLE B-2b**  
**Upstream Sediment Samples (Morrow Lake)**

Sample ID	Sample Date	Analyte	Result	Unit	Data Qualifier
ML-08-S-082410	8/24/2010	Acetone	5.6	mg/Kg	UJ
ML-06-S-082310	8/23/2010	Acetone	5.6	mg/Kg	U
ML-08-S-082110	8/21/2010	Acetone	5.6	mg/Kg	U
ML-10-S-081910	8/19/2010	Acetone	5.6	mg/Kg	U
ML-10-S-081910	8/19/2010	Acetone	5.6	mg/Kg	U
ML-09-S-081810	8/18/2010	Acetone	5.6	mg/Kg	UJ
SEE10131035ARM1	10/13/2010	Acetone	5.5	ug/Kg	U
ML-08-S-082510	8/25/2010	Acetone	5.5	mg/Kg	U
ML-07-S-082110	8/21/2010	Acetone	5.5	mg/Kg	U
ML-10-S-082110	8/21/2010	Acetone	5.5	mg/Kg	U
ML-10-S-082110	8/21/2010	Acetone	5.5	mg/Kg	U
ML-07-S-081810	8/18/2010	Acetone	5.5	mg/Kg	UJ
SEF10081108TDF3	10/8/2010	Acetone	5.4	ug/Kg	U
SEE09251235ARM1	9/25/2010	Acetone	5.4	ug/Kg	U
SEE09140945JRP1	9/14/2010	Acetone	5.3	ug/Kg	UJ
SEE09080930JRP1	9/8/2010	Acetone	5.3	ug/Kg	U
SEE09011151JAW1	9/1/2010	Acetone	5.3	ug/Kg	U
ML-10-S-082410	8/24/2010	Acetone	5.3	mg/Kg	UJ
ML-10-S-082410	8/24/2010	Acetone	5.3	mg/Kg	UJ
SEE09221045ARM1	9/22/2010	Acetone	5.2	ug/Kg	U
ML-01-S-081610	8/16/2010	Acetone	5.2	mg/Kg	U
ML-10-S-081610	8/16/2010	Acetone	5.2	mg/Kg	U
ML-10-S-081610	8/16/2010	Acetone	5.2	mg/Kg	U
SEE09100920JRP1	9/10/2010	Acetone	5.1	ug/Kg	U
ML-04-S-082410	8/24/2010	Acetone	5.1	mg/Kg	UJ
ML-03-S-082310	8/23/2010	Acetone	5.1	mg/Kg	U
ML-07-S-081610	8/16/2010	Acetone	5.1	mg/Kg	U
SEE09301025MAE1	9/30/2010	Acetone	5.0	ug/Kg	U
SEE09051500JAW1	9/5/2010	Acetone	5.0	ug/Kg	U
ML-10-S-082110-D	8/21/2010	Acetone	5.0	mg/Kg	U
ML-10-S-082110-D	8/21/2010	Acetone	5.0	mg/Kg	U
ML-05-S-082010	8/20/2010	Acetone	5.0	mg/Kg	U
ML-08-S-081610-D	8/16/2010	Acetone	5.0	mg/Kg	U
SEE10051145RCM1	10/5/2010	Acetone	4.9	ug/Kg	U
SEE09070930JRP1	9/7/2010	Acetone	4.9	ug/Kg	UJ
ML-04-S-082610	8/26/2010	Acetone	4.9	mg/Kg	U
ML-05-S-082310	8/23/2010	Acetone	4.9	mg/Kg	U
ML-06-S-081710	8/17/2010	Acetone	4.9	mg/Kg	U
ML-10-S-082610	8/26/2010	Acetone	4.8	mg/Kg	U
ML-10-S-082610	8/26/2010	Acetone	4.8	mg/Kg	U
ML-01-S-082510	8/25/2010	Acetone	4.7	mg/Kg	U
ML-09-S-082510	8/25/2010	Acetone	4.7	mg/Kg	U
ML-02-S-081710	8/17/2010	Acetone	4.7	mg/Kg	U
ML-08-S-081610	8/16/2010	Acetone	4.7	mg/Kg	U
ML-09-S-082410	8/24/2010	Acetone	4.6	mg/Kg	UJ
SEF09281139TDF1	9/28/2010	Acetone	4.3	ug/Kg	U
ML-09-S-082110	8/21/2010	Acetone	4.2	mg/Kg	U
ML-02-S-082510	8/25/2010	Acetone	4.1	mg/Kg	U
ML-01-S-082110	8/21/2010	Acetone	4.1	mg/Kg	U
ML-04-S-081710	8/17/2010	Acetone	4.1	mg/Kg	U
ML-05-S-081710	8/17/2010	Acetone	4.0	mg/Kg	U
ML-02-S-082310	8/23/2010	Acetone	3.8	mg/Kg	U
ML-01-S-081910	8/19/2010	Acetone	3.8	mg/Kg	U
ML-04-S-082010	8/20/2010	Acetone	3.7	mg/Kg	U
ML-02-S-082010	8/20/2010	Acetone	3.3	mg/Kg	U
ML-03-S-081610	8/16/2010	Acetone	3.3	mg/Kg	U
SEE10181030JWP1	10/18/2010	Acetone	3.2	ug/Kg	J
ML-03-S-082010	8/20/2010	Acetone	2.8	mg/Kg	U
ML-05-S-082610	8/26/2010	Acetone	2.5	mg/Kg	U
SOTF-E-Q-36.92-L01-0.0-0.7-FD	9/9/2010	Acetone	1.2	mg/kg	



**TABLE B-2b**  
**Upstream Sediment Samples (Morrow Lake)**

Sample ID	Sample Date	Analyte	Result	Unit	Data Qualifier
SOTF-E-Q-37.05-L03-0.0-0.5	9/20/2010	Acetone	1.0	mg/kg	
SOTF-E-Q-37.08-L02-1.3-1.6	9/20/2010	Acetone	0.96	mg/kg	
SOTF-E-Q-36.69-L01-0.0-0.4	9/11/2010	Acetone	0.90	mg/kg	
SOTF-E-Q-36.86-L01-0.0-0.5-FD	9/10/2010	Acetone	0.77	mg/kg	
SOTF-E-Q-37.05-L01-0.0-0.4	9/8/2010	Acetone	0.75	mg/kg	
SOTF-E-Q-36.82-L01-0.0-0.4	9/10/2010	Acetone	0.73	mg/kg	J
SOTF-E-Q-36.92-L01-0.7-1.1	9/9/2010	Acetone	0.72	mg/kg	J
SOTF-E-Q-36.95-L01-0.0-0.5	9/8/2010	Acetone	0.67	mg/kg	J
SOTF-E-Q-37.08-L02-0.0-0.7-FD	9/20/2010	Acetone	0.65	mg/kg	J
SOTF-E-Q-36.87-L01-0.0-0.5	9/10/2010	Acetone	0.65	mg/kg	J
SOTF-E-Q-36.95-L01-0.9-1.6	9/8/2010	Acetone	0.65	mg/kg	J
SOTF-E-Q-37.08-L02-0.7-1.3	9/20/2010	Acetone	0.62	mg/kg	J
SOTF-E-Q-36.97-L01-0.0-0.2	9/8/2010	Acetone	0.62	mg/kg	J
SOTF-E-Q-36.86-L01-0.5-1.0	9/10/2010	Acetone	0.60	mg/kg	J
SOTF-E-Q-37.05-L03-0.5-1.1	9/20/2010	Acetone	0.58	mg/kg	J
SOTF-E-Q-37.08-L01-0.0-0.4	9/9/2010	Acetone	0.55	mg/kg	J
SOTF-E-Q-37.05-L02-0.0-0.5	9/8/2010	Acetone	0.53	mg/kg	J
SOTF-E-Q-37.07-L01-0.0-0.2	9/8/2010	Acetone	0.50	mg/kg	J
SOTF-E-Q-37.17-L01-0.4-1.1	9/20/2010	Acetone	0.49	mg/kg	J
SOTF-E-Q-36.97-L02-0.0-0.5	9/9/2010	Acetone	0.49	mg/kg	J
SOTF-E-Q-37.14-L01-0.6-1.3	9/9/2010	Acetone	0.49	mg/kg	J
SOTF-E-Q-36.84-L01-0.0-0.5	9/10/2010	Acetone	0.45	mg/kg	J
SOTF-E-Q-36.82-L01-0.4-0.8	9/10/2010	Acetone	0.44	mg/kg	J
SOTF-E-Q-36.95-L01-0.5-0.9	9/8/2010	Acetone	0.44	mg/kg	J
SOTF-E-Q-36.96-L01-0.0-0.4	9/7/2010	Acetone	0.43	mg/kg	J
SOTF-E-Q-36.96-L01-0.0-0.4	9/7/2010	Acetone	0.43	mg/kg	J
SOTF-E-Q-37.28-L02-0.0-0.5	9/11/2010	Acetone	0.39	mg/kg	J
SOTF-E-Q-37.09-L01-0.7-1.0	9/9/2010	Acetone	0.38	mg/kg	J
SOTF-E-Q-36.86-L01-1.6-2.3	9/10/2010	Acetone	0.35	mg/kg	J
SOTF-E-Q-36.87-L01-0.5-0.9	9/10/2010	Acetone	0.35	mg/kg	J
SOTF-E-Q-36.97-L01-0.2-0.4	9/8/2010	Acetone	0.32	mg/kg	J
SOTF-E-Q-36.69-L01-0.4-0.8	9/11/2010	Acetone	0.31	mg/kg	J
SOTF-E-Q-36.86-L01-1.0-1.6	9/10/2010	Acetone	0.30	mg/kg	J
SOTF-E-Q-36.69-L01-0.8-1.1	9/11/2010	Acetone	0.25	mg/kg	J
SOTF-E-Q-36.69-L01-1.5-1.7	9/11/2010	Acetone	0.25	mg/kg	J
SOTF-E-Q-37.05-L02-0.5-1.1	9/8/2010	Acetone	0.25	mg/kg	J
SOTF-E-Q-37.15-L01-0.0-0.7	9/8/2010	Acetone	0.25	mg/kg	J
SOTF-E-Q-36.87-L01-0.9-1.5	9/10/2010	Acetone	0.23	mg/kg	J
SOTF-E-Q-37.28-L01-0.0-0.4-FD	9/9/2010	Acetone	0.23	mg/kg	J
SOTF-E-Q-36.96-L01-0.7-1.1	9/7/2010	Acetone	0.23	mg/kg	J
SOTF-E-Q-36.96-L01-0.7-1.1	9/7/2010	Acetone	0.23	mg/kg	J
SOTF-E-Q-36.82-L01-0.8-1.3	9/10/2010	Acetone	0.22	mg/kg	J
SOTF-E-Q-37.05-L02-1.1-1.5	9/8/2010	Acetone	0.22	mg/kg	J
SOTF-E-Q-37.14-L01-1.3-1.5	9/9/2010	Acetone	0.20	mg/kg	WJ
SOTF-E-Q-37.05-L01-0.6-0.9	9/8/2010	Acetone	0.20	mg/kg	J
SOTF-E-Q-36.69-L01-1.1-1.5	9/11/2010	Acetone	0.19	mg/kg	J
SOTF-E-Q-36.82-L01-1.3-1.6	9/10/2010	Acetone	0.18	mg/kg	J
SOTF-E-Q-37.09-L01-0.0-0.2	9/9/2010	Acetone	0.18	mg/kg	J
SOTF-E-Q-37.14-L01-0.0-0.6	9/9/2010	Acetone	0.17	mg/kg	J
SOTF-E-Q-36.97-L02-0.5-1.1	9/9/2010	Acetone	0.16	mg/kg	J
SOTF-E-Q-36.97-L01-0.4-1.0	9/8/2010	Acetone	0.16	mg/kg	J
SOTF-E-Q-37.05-L01-0.9-1.4	9/8/2010	Acetone	0.16	mg/kg	J
SOTF-E-Q-37.15-L01-0.7-1.4	9/8/2010	Acetone	0.14	mg/kg	J
SOTF-E-Q-37.09-L01-0.2-0.7	9/9/2010	Acetone	0.13	mg/kg	J
SEE08271145RCM1	8/27/2010	Anthracene	1600	ug/kg	U
SEE08261620RCM1	8/26/2010	Anthracene	1400	ug/kg	U
SEE08291110PML1	8/29/2010	Anthracene	590	ug/kg	U
SEE09061610JAW1	9/6/2010	Anthracene	350	ug/Kg	
SEE10171535ARM1	10/17/2010	Anthracene	330	ug/Kg	
SEE10071540PML1	10/7/2010	Anthracene	320	ug/Kg	

**TABLE B-2b**  
**Upstream Sediment Samples (Morrow Lake)**

Sample ID	Sample Date	Analyte	Result	Unit	Data Qualifier
SEE10041335JDF1	10/4/2010	Anthracene	300	ug/Kg	
SEE10031425JDF1	10/3/2010	Anthracene	280	ug/Kg	
SEE09051430PML1	9/5/2010	Anthracene	250	ug/Kg	J
SEE09011635PML1	9/1/2010	Anthracene	240	ug/Kg	J
SEE10170915JDF1	10/17/2010	Anthracene	230	ug/Kg	
SEE10121030JDF1	10/12/2010	Anthracene	230	ug/Kg	
SEE10041150JDF1	10/4/2010	Anthracene	230	ug/Kg	
SEE09221615JDF1	9/22/2010	Anthracene	220	ug/Kg	
SEE10071205PML1	10/7/2010	Anthracene	210	ug/Kg	
SEE09171125PML1	9/17/2010	Anthracene	210	ug/Kg	J
SEB08281400JLS1	8/28/2010	Anthracene	210	ug/kg	U
SEE10111350JDF1	10/11/2010	Anthracene	200	ug/Kg	
SEE09130955JRP1	9/13/2010	Anthracene	200	ug/Kg	
SEE10091200ARM1	10/9/2010	Anthracene	190	ug/Kg	J
SEE10041050JDF1	10/4/2010	Anthracene	190	ug/Kg	
SEE09031115JAW1	9/3/2010	Anthracene	190	ug/Kg	
SEE09011255PML1	9/1/2010	Anthracene	190	ug/Kg	
SEE10211035JDF1	10/21/2010	Anthracene	180	ug/Kg	UU
SEE10061205PML1	10/6/2010	Anthracene	180	ug/Kg	
SEE09301255MAE1	9/30/2010	Anthracene	170	ug/Kg	
SEE09231645JDF1	9/23/2010	Anthracene	170	ug/Kg	U
SEE09171530PML1	9/17/2010	Anthracene	170	ug/Kg	J
SEE09131620PML1	9/13/2010	Anthracene	170	ug/Kg	
SEE09101022PML1	9/10/2010	Anthracene	170	ug/Kg	UU
SEE09091410RCM1	9/9/2010	Anthracene	170	ug/Kg	U
SEE09091605PML1	9/9/2010	Anthracene	170	ug/Kg	
SEE10221110JDF1	10/22/2010	Anthracene	160	ug/Kg	U
SEE10221110JDF1	10/22/2010	Anthracene	160	ug/Kg	U
SEE10211430JDF1	10/21/2010	Anthracene	160	ug/Kg	U
SEE10191005JDF1	10/19/2010	Anthracene	160	ug/Kg	U
SEE10111125JDF1	10/11/2010	Anthracene	160	ug/Kg	
SEE10071101PML1	10/7/2010	Anthracene	160	ug/Kg	
SEE10040945JDF1	10/4/2010	Anthracene	160	ug/Kg	
SEE10041355ARM1	10/4/2010	Anthracene	160	ug/Kg	
SEE09231210JDF1	9/23/2010	Anthracene	160	ug/Kg	U
SEE10191155JDF1	10/19/2010	Anthracene	150	ug/Kg	U
SEE10191415JDF1	10/19/2010	Anthracene	150	ug/Kg	U
SEE10151355ARM1	10/15/2010	Anthracene	150	ug/Kg	
SEE10111011JDF1	10/11/2010	Anthracene	150	ug/Kg	
SEE09271025ARM1	9/27/2010	Anthracene	150	ug/Kg	
SEE09220935RCM1	9/22/2010	Anthracene	150	ug/Kg	U
SEE09121450PML1	9/12/2010	Anthracene	150	ug/Kg	J
SEE09051015PML1	9/5/2010	Anthracene	150	ug/Kg	
SEE10211010JWP1	10/21/2010	Anthracene	140	ug/Kg	U
SEE10120930JDF1	10/12/2010	Anthracene	140	ug/Kg	
SEE10081231PML1	10/8/2010	Anthracene	140	ug/Kg	
SEE09301205RCM1	9/30/2010	Anthracene	140	ug/Kg	U
SEE09290925JDF1	9/29/2010	Anthracene	140	ug/Kg	
SEE09271515JDF1	9/27/2010	Anthracene	140	ug/Kg	
SEE09230955RCM1	9/23/2010	Anthracene	140	ug/Kg	U
SEE09221105JDF1	9/22/2010	Anthracene	140	ug/Kg	
SEE09151015PML1	9/15/2010	Anthracene	140	ug/Kg	U
SEE10221055DWS1	10/22/2010	Anthracene	130	ug/Kg	U
SEE10191010JWP1	10/19/2010	Anthracene	130	ug/Kg	U
SEE10191515JDF1	10/19/2010	Anthracene	130	ug/Kg	J
SEE10071415ARM1	10/7/2010	Anthracene	130	ug/Kg	
SEE09201645ARM1	9/20/2010	Anthracene	130	ug/Kg	
SEE09161045PML1	9/16/2010	Anthracene	130	ug/Kg	J
SEE09131125PML1	9/13/2010	Anthracene	130	ug/Kg	
SEE09091025JRP1	9/9/2010	Anthracene	130	ug/Kg	

**TABLE B-2b**  
**Upstream Sediment Samples (Morrow Lake)**

Sample ID	Sample Date	Analyte	Result	Unit	Data Qualifier
SEE09041350PML1	9/4/2010	Anthracene	130	ug/Kg	
SEE09011545PML1	9/1/2010	Anthracene	130	ug/Kg	J
SEE08301530JAW1	8/30/2010	Anthracene	130	ug/Kg	
SEE08261445JRP1	8/26/2010	Anthracene	130	ug/Kg	U
SEE10191100JDF1	10/19/2010	Anthracene	120	ug/Kg	J
SEE09291135JDF1	9/29/2010	Anthracene	120	ug/Kg	
SEE09211112RCM1	9/21/2010	Anthracene	120	ug/Kg	UJ
SEE09171415PML1	9/17/2010	Anthracene	120	ug/Kg	J
SEE09130915JRP1	9/13/2010	Anthracene	120	ug/Kg	
SEE09091515PML1	9/9/2010	Anthracene	120	ug/Kg	J
SEE09011145PML1	9/1/2010	Anthracene	120	ug/Kg	
SEE10161055JDF1	10/16/2010	Anthracene	110	ug/Kg	J
SEE10121415ARM1	10/12/2010	Anthracene	110	ug/Kg	J
SEE10051415ARM1	10/5/2010	Anthracene	110	ug/Kg	
SEE09291035JDF1	9/29/2010	Anthracene	110	ug/Kg	J
SEE09271130JDF1	9/27/2010	Anthracene	110	ug/Kg	J
SEE09170945PML1	9/17/2010	Anthracene	110	ug/Kg	J
SEE09130940PML1	9/13/2010	Anthracene	110	ug/Kg	J
SEE09131505PML1	9/13/2010	Anthracene	110	ug/Kg	J
SEE09090900JRP1	9/9/2010	Anthracene	110	ug/Kg	
SEE09011050PML1	9/1/2010	Anthracene	110	ug/Kg	J
SEE10161530JDF1	10/16/2010	Anthracene	100	ug/Kg	J
SEE09091145PML1	9/9/2010	Anthracene	100	ug/Kg	J
SEE09091410PML1	9/9/2010	Anthracene	100	ug/Kg	J
SEE09051130PML1	9/5/2010	Anthracene	100	ug/Kg	J
SEE08271500PML1	8/27/2010	Anthracene	100	ug/kg	J
SEE09301105JDF1	9/30/2010	Anthracene	95	ug/Kg	J
SEE09011545MHS1	9/1/2010	Anthracene	94	ug/Kg	J
SEE09221440JDF1	9/22/2010	Anthracene	92	ug/Kg	J
SEE09081020RCM1	9/8/2010	Anthracene	92	ug/Kg	J
SEE10171410JDF1	10/17/2010	Anthracene	91	ug/Kg	J
SEE08301015JRP1	8/30/2010	Anthracene	91	ug/Kg	J
SEE10161115ARM1	10/16/2010	Anthracene	90	ug/Kg	J
SEE10061051RCM1	10/6/2010	Anthracene	89	ug/Kg	J
SEE09040950PML1	9/4/2010	Anthracene	89	ug/Kg	J
SEE09091010PML1	9/9/2010	Anthracene	85	ug/Kg	J
SEE09211530JDF1	9/21/2010	Anthracene	84	ug/Kg	J
SEE10131150JDF1	10/13/2010	Anthracene	83	ug/Kg	J
SEE10091401PML1	10/9/2010	Anthracene	82	ug/Kg	J
SEE09231130ARM1	9/23/2010	Anthracene	82	ug/Kg	J
SEE10181035JDF1	10/18/2010	Anthracene	81	ug/Kg	J
SEE10031115JDF1	10/3/2010	Anthracene	81	ug/Kg	J
SEE10031115JDF1	10/3/2010	Anthracene	81	ug/Kg	J
SEE08301520JRP1	8/30/2010	Anthracene	80	ug/Kg	J
SEE09191445RCM1	9/19/2010	Anthracene	79	ug/Kg	J
SEE09061500PML1	9/6/2010	Anthracene	79	ug/Kg	J
SEE09051550MHS1	9/5/2010	Anthracene	79	ug/Kg	J
SEE10151055ARM1	10/15/2010	Anthracene	77	ug/Kg	J
SEE10041530JDF1	10/4/2010	Anthracene	77	ug/Kg	J
SEE10141555ARM1	10/14/2010	Anthracene	76	ug/Kg	J
SEE09211155JDF1	9/21/2010	Anthracene	76	ug/Kg	J
SEE09030925PML1	9/3/2010	Anthracene	76	ug/Kg	J
SEE10051125PML1	10/5/2010	Anthracene	75	ug/Kg	J
SEE09051500MHS1	9/5/2010	Anthracene	75	ug/Kg	U
SEE10171115JDF1	10/17/2010	Anthracene	74	ug/Kg	J
SEE10221450DWS1	10/22/2010	Anthracene	73	ug/Kg	U
SEE10161415JDF1	10/16/2010	Anthracene	73	ug/Kg	J
SEE10141025ARM1	10/14/2010	Anthracene	73	ug/Kg	U
SEE10081115PML1	10/8/2010	Anthracene	73	ug/Kg	J
SEE10051653PML1	10/5/2010	Anthracene	73	ug/Kg	J

**TABLE B-2b**  
**Upstream Sediment Samples (Morrow Lake)**

Sample ID	Sample Date	Analyte	Result	Unit	Data Qualifier
SEE09121436RCM1	9/12/2010	Anthracene	73	ug/Kg	J
SEE09170839RCM1	9/17/2010	Anthracene	72	ug/Kg	J
SEE10141550JDF1	10/14/2010	Anthracene	71	ug/Kg	J
SEE10141550JDF1	10/14/2010	Anthracene	71	ug/Kg	J
SEE10121155JDF1	10/12/2010	Anthracene	70	ug/Kg	J
SEE09061525MHS1	9/6/2010	Anthracene	69	ug/Kg	J
SEE09031645MHS1	9/3/2010	Anthracene	69	ug/Kg	J
SEE09021400PML1	9/2/2010	Anthracene	69	ug/Kg	J
SEE09301255JDF1	9/30/2010	Anthracene	68	ug/Kg	J
SEE09181235PML1	9/18/2010	Anthracene	68	ug/Kg	J
SEE09061130MHS1	9/6/2010	Anthracene	68	ug/Kg	J
SEE08301445JRP1	8/30/2010	Anthracene	68	ug/Kg	J
SEE10181210JDF1	10/18/2010	Anthracene	67	ug/Kg	J
SEE10081051RCM1	10/8/2010	Anthracene	67	ug/Kg	J
SEE10011120JDF1	10/1/2010	Anthracene	67	ug/Kg	J
SEE09260930RCM1	9/26/2010	Anthracene	67	ug/Kg	J
SEE10191115JWP1	10/19/2010	Anthracene	66	ug/Kg	J
SEE10181430JWP1	10/18/2010	Anthracene	66	ug/Kg	J
SEE09121055PML1	9/12/2010	Anthracene	66	ug/Kg	J
SEE09121055PML1	9/12/2010	Anthracene	66	ug/Kg	J
SEE10041138RCM1	10/4/2010	Anthracene	65	ug/Kg	J
SEE08301638MHS1	8/30/2010	Anthracene	65	ug/Kg	J
SEE10141150JDF1	10/14/2010	Anthracene	64	ug/Kg	J
SEE08301145MHS1	8/30/2010	Anthracene	64	ug/Kg	J
SEE08301130PML1	8/30/2010	Anthracene	63	ug/Kg	J
SEE10211345JWP1	10/21/2010	Anthracene	62	ug/Kg	U
SEE10101215PML1	10/10/2010	Anthracene	62	ug/Kg	J
SEE10101215PML1	10/10/2010	Anthracene	62	ug/Kg	J
SEE08291550KAP1	8/29/2010	Anthracene	62	ug/kg	J
SEE08281505PML1	8/28/2010	Anthracene	62	ug/kg	J
SEE09181705PML1	9/18/2010	Anthracene	61	ug/Kg	J
SEE08300920JRP1	8/30/2010	Anthracene	60	ug/Kg	J
SEE10181510JDF1	10/18/2010	Anthracene	58	ug/Kg	J
SEE10181510JDF1	10/18/2010	Anthracene	58	ug/Kg	J
SEE09151145PML1	9/15/2010	Anthracene	58	ug/Kg	J
SEE09151145PML1	9/15/2010	Anthracene	58	ug/Kg	J
SEE09021010PML1	9/2/2010	Anthracene	58	ug/Kg	J
SEE10141015JDF1	10/14/2010	Anthracene	57	ug/Kg	J
SEE09131026RCM1	9/13/2010	Anthracene	57	ug/Kg	J
SEE10071042RCM1	10/7/2010	Anthracene	56	ug/Kg	J
SEE08271614TWH1	8/27/2010	Anthracene	56	ug/kg	J
SEE09140945PML1	9/14/2010	Anthracene	55	ug/Kg	J
SEE10150945JDF1	10/15/2010	Anthracene	54	ug/Kg	J
SEE09031140MHS1	9/3/2010	Anthracene	54	ug/Kg	J
SEE09161035RCM1	9/16/2010	Anthracene	53	ug/Kg	J
SEE09111015PML1	9/11/2010	Anthracene	53	ug/Kg	J
SEE08301550PML1	8/30/2010	Anthracene	53	ug/Kg	J
SEE09141515PML1	9/14/2010	Anthracene	52	ug/Kg	J
SEE09100945RCM1	9/10/2010	Anthracene	52	ug/Kg	UJ
SEE08301410JRP1	8/30/2010	Anthracene	51	ug/Kg	U
SEE08281215PML1	8/28/2010	Anthracene	51	ug/kg	J
SEE09121105RCM1	9/12/2010	Anthracene	50	ug/Kg	J
SEE09191040PML1	9/19/2010	Anthracene	49	ug/Kg	J
SEE09251135JDF1	9/25/2010	Anthracene	48	ug/Kg	J
SEE09071050PML1	9/7/2010	Anthracene	48	ug/Kg	J
SEE10101010PML1	10/10/2010	Anthracene	47	ug/Kg	J
SEE10081035ARM1	10/8/2010	Anthracene	47	ug/Kg	U
SEE08311045PML1	8/31/2010	Anthracene	47	ug/Kg	J
SEE08271215PML1	8/27/2010	Anthracene	47	ug/kg	J
SEF10221050MAE3	10/22/2010	Anthracene	46	ug/Kg	U

**TABLE B-2b**  
**Upstream Sediment Samples (Morrow Lake)**

Sample ID	Sample Date	Analyte	Result	Unit	Data Qualifier
SEE09200911RCM1	9/20/2010	Anthracene	46	ug/Kg	U
SEE09141135PML1	9/14/2010	Anthracene	46	ug/Kg	J
SEE09131445RCM1	9/13/2010	Anthracene	46	ug/Kg	J
SEE09031650PML1	9/3/2010	Anthracene	46	ug/Kg	J
SEE09031650PML1	9/3/2010	Anthracene	46	ug/Kg	J
SEE10091614PML1	10/9/2010	Anthracene	45	ug/Kg	J
SEE09271500ARM1	9/27/2010	Anthracene	45	ug/Kg	U
SEE09231205RCM1	9/23/2010	Anthracene	45	ug/Kg	U
SEE09081205PML1	9/8/2010	Anthracene	45	ug/Kg	J
SEE08311420PML1	8/31/2010	Anthracene	45	ug/Kg	J
SEE08311420PML1	8/31/2010	Anthracene	45	ug/Kg	J
SEF10191135NAC3	10/19/2010	Anthracene	44	ug/Kg	U
SEF10011045TDF1	10/1/2010	Anthracene	44	ug/Kg	J
SEE09281445RCM1	9/28/2010	Anthracene	44	ug/Kg	U
SEE09251235ARM1	9/25/2010	Anthracene	44	ug/Kg	UU
SEE09070930JRP1	9/7/2010	Anthracene	44	ug/Kg	U
SEE08301100JRP1	8/30/2010	Anthracene	44	ug/Kg	U
SEF10081108TDF3	10/8/2010	Anthracene	43	ug/Kg	U
SEE10041045ARM1	10/4/2010	Anthracene	43	ug/Kg	U
SEE10011043RCM1	10/1/2010	Anthracene	43	ug/Kg	U
SEE09231035ARM1	9/23/2010	Anthracene	43	ug/Kg	U
SEE09170935RCM1	9/17/2010	Anthracene	43	ug/Kg	UU
SEF10151030PMB3	10/15/2010	Anthracene	42	ug/Kg	U
SEF10121130PMB3	10/12/2010	Anthracene	42	ug/Kg	U
SEE10061640PML1	10/6/2010	Anthracene	42	ug/Kg	J
SEE10061640PML1	10/6/2010	Anthracene	42	ug/Kg	J
SEF10051206TDF3	10/5/2010	Anthracene	42	ug/Kg	U
SEE09261625JDF1	9/26/2010	Anthracene	42	ug/Kg	J
SEE09261625JDF1	9/26/2010	Anthracene	42	ug/Kg	J
SEE09191530PML1	9/19/2010	Anthracene	42	ug/Kg	J
SEE09051500JAW1	9/5/2010	Anthracene	42	ug/Kg	U
SEB09011143JLS1	9/1/2010	Anthracene	42	ug/Kg	U
SEE08281630RCM1	8/28/2010	Anthracene	42	ug/kg	J
SEE09201115RCM1	9/20/2010	Anthracene	41	ug/Kg	J
SEE09081010PML1	9/8/2010	Anthracene	41	ug/Kg	J
SEE10131035ARM1	10/13/2010	Anthracene	40	ug/Kg	U
SEE10051145RCM1	10/5/2010	Anthracene	40	ug/Kg	U
SEE09221045ARM1	9/22/2010	Anthracene	40	ug/Kg	U
SEE09080930JRP1	9/8/2010	Anthracene	40	ug/Kg	U
SEE09011515JAW1	9/1/2010	Anthracene	40	ug/Kg	U
SEE08261420RCM1	8/26/2010	Anthracene	40	ug/kg	J
SEF09281139TDF1	9/28/2010	Anthracene	39	ug/Kg	U
SEE09261215JDF1	9/26/2010	Anthracene	39	ug/Kg	J
SEE09061105PML1	9/6/2010	Anthracene	39	ug/Kg	J
SEE10181030JWP1	10/18/2010	Anthracene	37	ug/Kg	U
SEE09031100PML1	9/3/2010	Anthracene	37	ug/Kg	J
SEE09291023RCM1	9/29/2010	Anthracene	35	ug/Kg	J
SEE09091005RCM1	9/9/2010	Anthracene	35	ug/Kg	J
SEE08291421KAP1	8/29/2010	Anthracene	35	ug/kg	J
SEE09101625PML1	9/10/2010	Anthracene	34	ug/Kg	J
SEE09290915MAE1	9/29/2010	Anthracene	31	ug/Kg	J
SEE09200945PML1	9/20/2010	Anthracene	31	ug/Kg	J
SEE09200945PML1	9/20/2010	Anthracene	31	ug/Kg	J
SEE09101215PML1	9/10/2010	Anthracene	31	ug/Kg	J
SEE08311010JRP1	8/31/2010	Anthracene	31	ug/Kg	J
SEE08281607TWH1	8/28/2010	Anthracene	31	ug/kg	J
SEE09291645JDF1	9/29/2010	Anthracene	30	ug/Kg	J
SEE08291354KAP1	8/29/2010	Anthracene	29	ug/kg	J
SEE08281420TWH1	8/28/2010	Anthracene	29	ug/kg	J
SEE10121040ARM1	10/12/2010	Anthracene	28	ug/Kg	J

**TABLE B-2b**  
**Upstream Sediment Samples (Morrow Lake)**

Sample ID	Sample Date	Analyte	Result	Unit	Data Qualifier
SEE09171445RCM1	9/17/2010	Anthracene	28	ug/Kg	J
SEE08281510TWH1	8/28/2010	Anthracene	27	ug/kg	J
SEE09250905RCM1	9/25/2010	Anthracene	26	ug/Kg	J
SEE08291445PML1	8/29/2010	Anthracene	26	ug/kg	J
SEE08271652TWH1	8/27/2010	Anthracene	26	ug/kg	J
SEE10011125ARM1	10/1/2010	Anthracene	25	ug/Kg	J
SEE09141312RCM1	9/14/2010	Anthracene	25	ug/Kg	J
SEE10061135ARM1	10/6/2010	Anthracene	24	ug/Kg	J
SEE10071045ARM1	10/7/2010	Anthracene	23	ug/Kg	J
SEE09201110ARM1	9/20/2010	Anthracene	22	ug/Kg	J
SEE08261700JRP1	8/26/2010	Anthracene	21	ug/Kg	J
SEE08311348MHS1	8/31/2010	Anthracene	20	ug/Kg	J
SEE09150915JRP1	9/15/2010	Anthracene	18	ug/Kg	J
SEE10071151RCM1	10/7/2010	Anthracene	17	ug/Kg	J
SEE09211120ARM1	9/21/2010	Anthracene	15	ug/Kg	J
SEE09140945JRP1	9/14/2010	Anthracene	13	ug/Kg	J
SEE09100920JRP1	9/10/2010	Anthracene	11	ug/Kg	J
SEE09171200ARM1	9/17/2010	Anthracene	10	ug/Kg	J
SEE08281540JRP1	8/28/2010	Anthracene	9.4	ug/kg	J
SEE09301025MAE1	9/30/2010	Anthracene	8.2	ug/Kg	J
SEE08271445JRP1	8/27/2010	Anthracene	7.5	ug/kg	J
SEE08271536TWH1	8/27/2010	Anthracene	7.2	ug/kg	J
ML-07-S-081810	8/18/2010	Anthracene	0.37	mg/Kg	UJ
ML-06-S-082310	8/23/2010	Anthracene	0.33	mg/Kg	U
ML-10-S-081910	8/19/2010	Anthracene	0.31	mg/Kg	U
ML-10-S-081910	8/19/2010	Anthracene	0.31	mg/Kg	U
ML-09-S-081810	8/18/2010	Anthracene	0.31	mg/Kg	UJ
ML-06-S-081710	8/17/2010	Anthracene	0.31	mg/Kg	U
ML-10-S-082610	8/26/2010	Anthracene	0.30	mg/Kg	U
ML-10-S-082610	8/26/2010	Anthracene	0.30	mg/Kg	U
ML-03-S-082510	8/25/2010	Anthracene	0.19	mg/Kg	
ML-08-S-082110	8/21/2010	Anthracene	0.17	mg/Kg	U
ML-06-S-082010	8/20/2010	Anthracene	0.16	mg/Kg	U
ML-09-S-082110	8/21/2010	Anthracene	0.15	mg/Kg	U
ML-10-S-082110	8/21/2010	Anthracene	0.15	mg/Kg	U
ML-10-S-082110	8/21/2010	Anthracene	0.15	mg/Kg	U
ML-04-S-081710	8/17/2010	Anthracene	0.15	mg/Kg	J
ML-02-S-082510	8/25/2010	Anthracene	0.14	mg/Kg	
ML-04-S-082410	8/24/2010	Anthracene	0.14	mg/Kg	J
ML-03-S-081610	8/16/2010	Anthracene	0.14	mg/Kg	
ML-01-S-082510	8/25/2010	Anthracene	0.12	mg/Kg	J
ML-03-S-082310	8/23/2010	Anthracene	0.12	mg/Kg	J
ML-05-S-082310	8/23/2010	Anthracene	0.12	mg/Kg	J
ML-04-S-082010	8/20/2010	Anthracene	0.12	mg/Kg	J
ML-03-S-082010	8/20/2010	Anthracene	0.11	mg/Kg	J
ML-02-S-081710	8/17/2010	Anthracene	0.11	mg/Kg	J
ML-05-S-081710	8/17/2010	Anthracene	0.10	mg/Kg	J
ML-05-S-082010	8/20/2010	Anthracene	0.096	mg/Kg	J
ML-02-S-082310	8/23/2010	Anthracene	0.089	mg/Kg	J
ML-01-S-081910	8/19/2010	Anthracene	0.086	mg/Kg	J
ML-04-S-082610	8/26/2010	Anthracene	0.085	mg/Kg	J
ML-02-S-082010	8/20/2010	Anthracene	0.082	mg/Kg	J
ML-01-S-081610	8/16/2010	Anthracene	0.077	mg/Kg	J
ML-05-S-082610	8/26/2010	Anthracene	0.070	mg/Kg	J
ML-01-S-082110	8/21/2010	Anthracene	0.064	mg/Kg	J
ML-07-S-082410	8/24/2010	Anthracene	0.055	mg/Kg	J
ML-07-S-082510	8/25/2010	Anthracene	0.048	mg/Kg	J
ML-07-S-082110	8/21/2010	Anthracene	0.041	mg/Kg	J
ML-10-S-082410	8/24/2010	Anthracene	0.031	mg/Kg	J
ML-10-S-082410	8/24/2010	Anthracene	0.031	mg/Kg	J

**TABLE B-2b**  
**Upstream Sediment Samples (Morrow Lake)**

Sample ID	Sample Date	Analyte	Result	Unit	Data Qualifier
ML-08-S-082510	8/25/2010	Anthracene	0.030	mg/Kg	J
ML-10-S-081610	8/16/2010	Anthracene	0.030	mg/Kg	J
ML-10-S-081610	8/16/2010	Anthracene	0.030	mg/Kg	J
ML-08-S-081610	8/16/2010	Anthracene	0.026	mg/Kg	J
ML-06-S-082510	8/25/2010	Anthracene	0.025	mg/Kg	J
ML-07-S-081610	8/16/2010	Anthracene	0.025	mg/Kg	J
ML-08-S-082410	8/24/2010	Anthracene	0.023	mg/Kg	J
ML-09-S-082410	8/24/2010	Anthracene	0.021	mg/Kg	J
ML-09-S-082510	8/25/2010	Anthracene	0.020	mg/Kg	J
SEB09011143JLS1	9/1/2010	Antimony	6600	ug/Kg	UJ
SEE09301105JDF1	9/30/2010	Antimony	5700	ug/Kg	UJ
SEE10051125PML1	10/5/2010	Antimony	5500	ug/Kg	U
SEE09101022PML1	9/10/2010	Antimony	5300	ug/Kg	UJ
SEE09030925PML1	9/3/2010	Antimony	5200	ug/Kg	UJ
SEE09231645JDF1	9/23/2010	Antimony	5100	ug/Kg	U
SEE09011545PML1	9/1/2010	Antimony	5100	ug/Kg	UJ
SEE09101215PML1	9/10/2010	Antimony	5000	ug/Kg	UJ
SEE09031645MHS1	9/3/2010	Antimony	5000	ug/Kg	UJ
SEE10131150JDF1	10/13/2010	Antimony	4900	ug/Kg	UJ
SEE10091401PML1	10/9/2010	Antimony	4900	ug/Kg	UJ
SEE10081115PML1	10/8/2010	Antimony	4900	ug/Kg	U
SEE09141135PML1	9/14/2010	Antimony	4900	ug/Kg	UJ
SEE09301255JDF1	9/30/2010	Antimony	4800	ug/Kg	UJ
SEE09031100PML1	9/3/2010	Antimony	4800	ug/Kg	UJ
SEE10041530JDF1	10/4/2010	Antimony	4700	ug/Kg	UJ
SEE09101625PML1	9/10/2010	Antimony	4700	ug/Kg	UJ
SEE09081020RCM1	9/8/2010	Antimony	4700	ug/Kg	UJ
SEE10091614PML1	10/9/2010	Antimony	4600	ug/Kg	UJ
SEE09140945PML1	9/14/2010	Antimony	4600	ug/Kg	UJ
SEE09061105PML1	9/6/2010	Antimony	4600	ug/Kg	UJ
SEE09021010PML1	9/2/2010	Antimony	4600	ug/Kg	UJ
SEE10181035JDF1	10/18/2010	Antimony	4500	ug/Kg	U
SEE10141015JDF1	10/14/2010	Antimony	4500	ug/Kg	U
SEE10041138RCM1	10/4/2010	Antimony	4500	ug/Kg	UJ
SEE09261215JDF1	9/26/2010	Antimony	4500	ug/Kg	U
SEE09261625JDF1	9/26/2010	Antimony	4500	ug/Kg	U
SEE09261625JDF1	9/26/2010	Antimony	4500	ug/Kg	U
SEE09071050PML1	9/7/2010	Antimony	4500	ug/Kg	U
SEE10141555ARM1	10/14/2010	Antimony	4400	ug/Kg	U
SEE10081051RCM1	10/8/2010	Antimony	4400	ug/Kg	U
SEE09011050PML1	9/1/2010	Antimony	4400	ug/Kg	UJ
SEE08301145MHS1	8/30/2010	Antimony	4400	ug/Kg	U
SEE10181210JDF1	10/18/2010	Antimony	4300	ug/Kg	U
SEE10181510JDF1	10/18/2010	Antimony	4300	ug/Kg	U
SEE10181510JDF1	10/18/2010	Antimony	4300	ug/Kg	U
SEE10141150JDF1	10/14/2010	Antimony	4300	ug/Kg	U
SEE10061205PML1	10/6/2010	Antimony	4300	ug/Kg	U
SEE10061640PML1	10/6/2010	Antimony	4300	ug/Kg	U
SEE10061640PML1	10/6/2010	Antimony	4300	ug/Kg	U
SEE10031115JDF1	10/3/2010	Antimony	4300	ug/Kg	U
SEE10031115JDF1	10/3/2010	Antimony	4300	ug/Kg	U
SEE09111015PML1	9/11/2010	Antimony	4300	ug/Kg	UJ
SEE09031650PML1	9/3/2010	Antimony	4300	ug/Kg	UJ
SEE09031650PML1	9/3/2010	Antimony	4300	ug/Kg	UJ
SEE10071042RCM1	10/7/2010	Antimony	4100	ug/Kg	UJ
SEE10181430JWP1	10/18/2010	Antimony	4000	ug/Kg	U
SEE10111125JDF1	10/11/2010	Antimony	4000	ug/Kg	UJ
SEE09271130JDF1	9/27/2010	Antimony	3900	ug/Kg	UJ
SEE10071205PML1	10/7/2010	Antimony	3700	ug/Kg	UJ
SEE09211530JDF1	9/21/2010	Antimony	3700	ug/Kg	UJ

**TABLE B-2b**  
**Upstream Sediment Samples (Morrow Lake)**

Sample ID	Sample Date	Analyte	Result	Unit	Data Qualifier
SEE10111350JDF1	10/11/2010	Antimony	3600	ug/Kg	UJ
SEE09091010PML1	9/9/2010	Antimony	3600	ug/Kg	UJ
SEE09011635PML1	9/1/2010	Antimony	3600	ug/Kg	UJ
SEE09211112RCM1	9/21/2010	Antimony	3500	ug/Kg	UJ
SEE09011145PML1	9/1/2010	Antimony	3400	ug/Kg	UJ
SEE08261620RCM1	8/26/2010	Antimony	3280	ug/kg	UJ
SEE08271215PML1	8/27/2010	Antimony	3210	ug/kg	J
SEE09291645JDF1	9/29/2010	Antimony	3200	ug/Kg	U
SEE09141312RCM1	9/14/2010	Antimony	3200	ug/Kg	UJ
SEE08281630RCM1	8/28/2010	Antimony	3150	ug/kg	UJ
SEE08281607TWH1	8/28/2010	Antimony	3130	ug/kg	UJ
SEE08311348MHS1	8/31/2010	Antimony	2900	ug/Kg	UJ
SEE08281505PML1	8/28/2010	Antimony	2750	ug/kg	UJ
SEE08271500PML1	8/27/2010	Antimony	2510	ug/kg	UJ
SEE08271145RCM1	8/27/2010	Antimony	2450	ug/kg	UJ
SEE08261420RCM1	8/26/2010	Antimony	2230	ug/kg	J
SEE10151355ARM1	10/15/2010	Antimony	2200	ug/Kg	J
SEE08281420TWH1	8/28/2010	Antimony	2170	ug/kg	UJ
SEE08281215PML1	8/28/2010	Antimony	2160	ug/kg	UJ
SEE09121105RCM1	9/12/2010	Antimony	2100	ug/Kg	J
SEE08281510TWH1	8/28/2010	Antimony	2030	ug/kg	UJ
SEE08291421KAP1	8/29/2010	Antimony	1930	ug/kg	UJ
SEE10151055ARM1	10/15/2010	Antimony	1900	ug/Kg	J
SEE09191445RCM1	9/19/2010	Antimony	1600	ug/Kg	U
SEE08291550KAP1	8/29/2010	Antimony	1570	ug/kg	UJ
SEE10101010PML1	10/10/2010	Antimony	1500	ug/Kg	J
SEE09211120ARM1	9/21/2010	Antimony	1500	ug/Kg	UJ
SEE09100945RCM1	9/10/2010	Antimony	1500	ug/Kg	UJ
SEE09091005RCM1	9/9/2010	Antimony	1500	ug/Kg	J
SEE09051015PML1	9/5/2010	Antimony	1500	ug/Kg	U
SEE10150945JDF1	10/15/2010	Antimony	1400	ug/Kg	J
SEE10101215PML1	10/10/2010	Antimony	1400	ug/Kg	J
SEE10101215PML1	10/10/2010	Antimony	1400	ug/Kg	J
SEE09201110ARM1	9/20/2010	Antimony	1400	ug/Kg	UJ
SEE09181235PML1	9/18/2010	Antimony	1400	ug/Kg	J
SEE09161045PML1	9/16/2010	Antimony	1400	ug/Kg	UJ
SEE09140945JRP1	9/14/2010	Antimony	1400	ug/Kg	UJ
SEE08301410JRP1	8/30/2010	Antimony	1400	ug/Kg	UJ
SEE08291110PML1	8/29/2010	Antimony	1350	ug/kg	J
SEF10151030PMB3	10/15/2010	Antimony	1300	ug/Kg	U
SEF10011045TDF1	10/1/2010	Antimony	1300	ug/Kg	UJ
SEE09281445RCM1	9/28/2010	Antimony	1300	ug/Kg	UJ
SEE09231035ARM1	9/23/2010	Antimony	1300	ug/Kg	U
SEE09170839RCM1	9/17/2010	Antimony	1300	ug/Kg	J
SEE09100920JRP1	9/10/2010	Antimony	1300	ug/Kg	UJ
SEE08291354KAP1	8/29/2010	Antimony	1260	ug/kg	UJ
SEE10051145RCM1	10/5/2010	Antimony	1200	ug/Kg	U
SEF10051206TDF3	10/5/2010	Antimony	1200	ug/Kg	U
SEE09171415PML1	9/17/2010	Antimony	1200	ug/Kg	J
SEE09121450PML1	9/12/2010	Antimony	1200	ug/Kg	J
SEE09091410RCM1	9/9/2010	Antimony	1200	ug/Kg	J
SEE09070930JRP1	9/7/2010	Antimony	1200	ug/Kg	U
SEE09051130PML1	9/5/2010	Antimony	1200	ug/Kg	U
SEE09011515JAW1	9/1/2010	Antimony	1200	ug/Kg	UJ
SEE08301445JRP1	8/30/2010	Antimony	1200	ug/Kg	J
SEE10181030JWP1	10/18/2010	Antimony	1100	ug/Kg	U
SEE10121415ARM1	10/12/2010	Antimony	1100	ug/Kg	UJ
SEE10040945JDF1	10/4/2010	Antimony	1100	ug/Kg	J
SEE09291023RCM1	9/29/2010	Antimony	1100	ug/Kg	U
SEE09291035JDF1	9/29/2010	Antimony	1100	ug/Kg	U



**TABLE B-2b**  
**Upstream Sediment Samples (Morrow Lake)**

Sample ID	Sample Date	Analyte	Result	Unit	Data Qualifier
SEE09250905RCM1	9/25/2010	Antimony	1100	ug/Kg	J
SEE09220935RCM1	9/22/2010	Antimony	1100	ug/Kg	J
SEE09151015PML1	9/15/2010	Antimony	1100	ug/Kg	J
SEE09151145PML1	9/15/2010	Antimony	1100	ug/Kg	J
SEE09151145PML1	9/15/2010	Antimony	1100	ug/Kg	J
SEE10061051RCM1	10/6/2010	Antimony	1000	ug/Kg	J
SEE09130940PML1	9/13/2010	Antimony	1000	ug/Kg	J
SEE08301015JRP1	8/30/2010	Antimony	1000	ug/Kg	J
SEE08271652TWH1	8/27/2010	Antimony	955	ug/kg	UJ
SEE09091515PML1	9/9/2010	Antimony	940	ug/Kg	J
SEE09091025JRP1	9/9/2010	Antimony	930	ug/Kg	J
SEE09121436RCM1	9/12/2010	Antimony	920	ug/Kg	J
SEE09081010PML1	9/8/2010	Antimony	920	ug/Kg	UJ
SEE09081205PML1	9/8/2010	Antimony	910	ug/Kg	UJ
SEE09131505PML1	9/13/2010	Antimony	900	ug/Kg	J
SEE10161415JDF1	10/16/2010	Antimony	890	ug/Kg	UJ
SEE09131026RCM1	9/13/2010	Antimony	890	ug/Kg	J
SEE10081231PML1	10/8/2010	Antimony	880	ug/Kg	J
SEE09171445RCM1	9/17/2010	Antimony	870	ug/Kg	J
SEE09031140MHS1	9/3/2010	Antimony	870	ug/Kg	J
SEE09171125PML1	9/17/2010	Antimony	860	ug/Kg	J
SEE09200945PML1	9/20/2010	Antimony	850	ug/Kg	UJ
SEE09200945PML1	9/20/2010	Antimony	850	ug/Kg	UJ
SEE09170945PML1	9/17/2010	Antimony	840	ug/Kg	J
SEE08271536TWH1	8/27/2010	Antimony	836	ug/kg	UJ
SEE09090900JRP1	9/9/2010	Antimony	830	ug/Kg	J
SEE10051415ARM1	10/5/2010	Antimony	820	ug/Kg	J
SEE09131445RCM1	9/13/2010	Antimony	820	ug/Kg	J
SEE09091145PML1	9/9/2010	Antimony	820	ug/Kg	J
SEE09061500PML1	9/6/2010	Antimony	810	ug/Kg	UJ
SEE08300920JRP1	8/30/2010	Antimony	810	ug/Kg	J
SEE08301130PML1	8/30/2010	Antimony	810	ug/Kg	J
SEE09171530PML1	9/17/2010	Antimony	800	ug/Kg	J
SEB08281400JLS1	8/28/2010	Antimony	794	ug/kg	UJ
SEE10141550JDF1	10/14/2010	Antimony	790	ug/Kg	U
SEE10141550JDF1	10/14/2010	Antimony	790	ug/Kg	U
SEE08281540JRP1	8/28/2010	Antimony	786	ug/kg	UJ
SEE10120930JDF1	10/12/2010	Antimony	780	ug/Kg	UJ
SEE09131125PML1	9/13/2010	Antimony	780	ug/Kg	J
SEE10171410JDF1	10/17/2010	Antimony	770	ug/Kg	UJ
SEE09181705PML1	9/18/2010	Antimony	770	ug/Kg	J
SEE09191040PML1	9/19/2010	Antimony	760	ug/Kg	U
SEE08261445JRP1	8/26/2010	Antimony	760	ug/Kg	U
SEE10071415ARM1	10/7/2010	Antimony	750	ug/Kg	J
SEE09011545MHS1	9/1/2010	Antimony	750	ug/Kg	J
SEE08301550PML1	8/30/2010	Antimony	750	ug/Kg	J
SEE09011255PML1	9/1/2010	Antimony	720	ug/Kg	J
SEE09191530PML1	9/19/2010	Antimony	700	ug/Kg	U
SEE08311420PML1	8/31/2010	Antimony	700	ug/Kg	UJ
SEE08311420PML1	8/31/2010	Antimony	700	ug/Kg	UJ
SEE10071101PML1	10/7/2010	Antimony	680	ug/Kg	J
SEE09121055PML1	9/12/2010	Antimony	680	ug/Kg	J
SEE09121055PML1	9/12/2010	Antimony	680	ug/Kg	J
SEE09061525MHS1	9/6/2010	Antimony	680	ug/Kg	UJ
SEE09051430PML1	9/5/2010	Antimony	680	ug/Kg	U
SEE09021400PML1	9/2/2010	Antimony	680	ug/Kg	J
SEE09290925JDF1	9/29/2010	Antimony	670	ug/Kg	U
SEE09091410PML1	9/9/2010	Antimony	670	ug/Kg	J
SEE10161055JDF1	10/16/2010	Antimony	660	ug/Kg	UJ
SEE09161035RCM1	9/16/2010	Antimony	660	ug/Kg	UJ

**TABLE B-2b**  
**Upstream Sediment Samples (Morrow Lake)**

Sample ID	Sample Date	Analyte	Result	Unit	Data Qualifier
SEE09260930RCM1	9/26/2010	Antimony	650	ug/Kg	J
SEE08301520JRP1	8/30/2010	Antimony	650	ug/Kg	J
SEE09251135JDF1	9/25/2010	Antimony	640	ug/Kg	J
SEE09231210JDF1	9/23/2010	Antimony	640	ug/Kg	J
SEE09131620PML1	9/13/2010	Antimony	640	ug/Kg	J
SEE10171115JDF1	10/17/2010	Antimony	630	ug/Kg	UJ
SEE10121155JDF1	10/12/2010	Antimony	620	ug/Kg	UJ
SEE09201645ARM1	9/20/2010	Antimony	620	ug/Kg	UJ
SEE09091605PML1	9/9/2010	Antimony	620	ug/Kg	J
SEE10051653PML1	10/5/2010	Antimony	610	ug/Kg	J
SEE09271025ARM1	9/27/2010	Antimony	610	ug/Kg	UJ
SEE10121030JDF1	10/12/2010	Antimony	600	ug/Kg	UJ
SEE10111101JDF1	10/11/2010	Antimony	600	ug/Kg	J
SEE10071540PML1	10/7/2010	Antimony	600	ug/Kg	J
SEE08301530JAW1	8/30/2010	Antimony	600	ug/Kg	J
SEE09221440JDF1	9/22/2010	Antimony	590	ug/Kg	J
SEE09041350PML1	9/4/2010	Antimony	590	ug/Kg	J
SEE09051550MHS1	9/5/2010	Antimony	580	ug/Kg	U
SEE09130955JRP1	9/13/2010	Antimony	570	ug/Kg	J
SEE08301638MHS1	8/30/2010	Antimony	560	ug/Kg	J
SEE10041150JDF1	10/4/2010	Antimony	550	ug/Kg	J
SEE09230955RCM1	9/23/2010	Antimony	550	ug/Kg	J
SEE09211155JDF1	9/21/2010	Antimony	550	ug/Kg	J
SEE09141515PML1	9/14/2010	Antimony	550	ug/Kg	J
SEE10091200ARM1	10/9/2010	Antimony	540	ug/Kg	UJ
SEE10041050JDF1	10/4/2010	Antimony	540	ug/Kg	J
SEE09221105JDF1	9/22/2010	Antimony	540	ug/Kg	J
SEE09201115RCM1	9/20/2010	Antimony	540	ug/Kg	UJ
SEE09301205RCM1	9/30/2010	Antimony	530	ug/Kg	J
SEE09231130ARM1	9/23/2010	Antimony	520	ug/Kg	J
SEE09040950PML1	9/4/2010	Antimony	520	ug/Kg	J
SEE10031425JDF1	10/3/2010	Antimony	510	ug/Kg	U
SEE10161530JDF1	10/16/2010	Antimony	500	ug/Kg	UJ
SEE09301255MAE1	9/30/2010	Antimony	490	ug/Kg	J
SEE08311045PML1	8/31/2010	Antimony	490	ug/Kg	UJ
SEE09221615JDF1	9/22/2010	Antimony	480	ug/Kg	J
SEE10161115ARM1	10/16/2010	Antimony	460	ug/Kg	UJ
SEF09281139TDF1	9/28/2010	Antimony	450	ug/Kg	UJ
SEE09031115JAW1	9/3/2010	Antimony	450	ug/Kg	J
SEE10071045ARM1	10/7/2010	Antimony	440	ug/Kg	J
SEE10011120JDF1	10/1/2010	Antimony	440	ug/Kg	J
SEE09061130MHS1	9/6/2010	Antimony	440	ug/Kg	UJ
SEE09051500MHS1	9/5/2010	Antimony	440	ug/Kg	U
SEE08291445PML1	8/29/2010	Antimony	428	ug/kg	J
SEE09271515JDF1	9/27/2010	Antimony	420	ug/Kg	UJ
SEE10041335JDF1	10/4/2010	Antimony	400	ug/Kg	J
SEE09291135JDF1	9/29/2010	Antimony	400	ug/Kg	U
SEE10170915JDF1	10/17/2010	Antimony	390	ug/Kg	UJ
SEE10131035ARM1	10/13/2010	Antimony	390	ug/Kg	UJ
SEE10071151RCM1	10/7/2010	Antimony	390	ug/Kg	J
SEE08271614TWH1	8/27/2010	Antimony	388	ug/kg	J
SEE09290915MAE1	9/29/2010	Antimony	380	ug/Kg	U
SEE10041355ARM1	10/4/2010	Antimony	370	ug/Kg	J
SEF10081108TDF3	10/8/2010	Antimony	360	ug/Kg	J
SEE08311010JRP1	8/31/2010	Antimony	350	ug/Kg	J
SEE09200911RCM1	9/20/2010	Antimony	340	ug/Kg	UJ
SEE08271445JRP1	8/27/2010	Antimony	327	ug/kg	J
SEE10011043RCM1	10/1/2010	Antimony	260	ug/Kg	J
SEE09130915JRP1	9/13/2010	Antimony	260	ug/Kg	J
SEE09061610JAW1	9/6/2010	Antimony	260	ug/Kg	UJ

**TABLE B-2b**  
**Upstream Sediment Samples (Morrow Lake)**

Sample ID	Sample Date	Analyte	Result	Unit	Data Qualifier
SEE10141025ARM1	10/14/2010	Antimony	250	ug/Kg	U
SEE08261700JRP1	8/26/2010	Antimony	250	ug/Kg	U
SEE09271500ARM1	9/27/2010	Antimony	230	ug/Kg	UJ
SEE10171535ARM1	10/17/2010	Antimony	210	ug/Kg	UJ
SEE09170935RCM1	9/17/2010	Antimony	210	ug/Kg	J
SEF10121130PMB3	10/12/2010	Antimony	200	ug/Kg	UJ
SEE10041045ARM1	10/4/2010	Antimony	200	ug/Kg	J
SEE10011125ARM1	10/1/2010	Antimony	190	ug/Kg	J
SEE08301100JRP1	8/30/2010	Antimony	190	ug/Kg	J
SEE10081035ARM1	10/8/2010	Antimony	180	ug/Kg	J
SEE09251235ARM1	9/25/2010	Antimony	180	ug/Kg	J
SEE09231205RCM1	9/23/2010	Antimony	180	ug/Kg	J
SEE09171200ARM1	9/17/2010	Antimony	180	ug/Kg	J
SEE09051500JAW1	9/5/2010	Antimony	180	ug/Kg	U
SEE09301025MAE1	9/30/2010	Antimony	170	ug/Kg	J
SEE10061135ARM1	10/6/2010	Antimony	160	ug/Kg	J
SEE10121040ARM1	10/12/2010	Antimony	150	ug/Kg	UJ
SEE09221045ARM1	9/22/2010	Antimony	150	ug/Kg	J
SEE09150915JRP1	9/15/2010	Antimony	140	ug/Kg	J
SEE09080930JRP1	9/8/2010	Antimony	130	ug/Kg	UJ
SEE10181430JWP1	10/18/2010	Arsenic	26000	ug/Kg	J
SEE09171530PML1	9/17/2010	Arsenic	25000	ug/Kg	
SEE09091605PML1	9/9/2010	Arsenic	23000	ug/Kg	J
SEE09051430PML1	9/5/2010	Arsenic	23000	ug/Kg	J
SEE09221615JDF1	9/22/2010	Arsenic	21000	ug/Kg	
SEE09131620PML1	9/13/2010	Arsenic	21000	ug/Kg	J
SEE09091145PML1	9/9/2010	Arsenic	21000	ug/Kg	J
SEE08271500PML1	8/27/2010	Arsenic	20400	ug/kg	
SEE10161415JDF1	10/16/2010	Arsenic	20000	ug/Kg	
SEE10041335JDF1	10/4/2010	Arsenic	20000	ug/Kg	
SEE09131125PML1	9/13/2010	Arsenic	20000	ug/Kg	J
SEE09051015PML1	9/5/2010	Arsenic	20000	ug/Kg	J
SEE09011255PML1	9/1/2010	Arsenic	20000	ug/Kg	
SEE09011635PML1	9/1/2010	Arsenic	20000	ug/Kg	
SEE10141555ARM1	10/14/2010	Arsenic	19000	ug/Kg	
SEE10121030JDF1	10/12/2010	Arsenic	19000	ug/Kg	J
SEE10111350JDF1	10/11/2010	Arsenic	19000	ug/Kg	
SEE10071205PML1	10/7/2010	Arsenic	19000	ug/Kg	J
SEE10071540PML1	10/7/2010	Arsenic	19000	ug/Kg	J
SEE09290925JDF1	9/29/2010	Arsenic	19000	ug/Kg	
SEE09221105JDF1	9/22/2010	Arsenic	19000	ug/Kg	
SEE09221440JDF1	9/22/2010	Arsenic	19000	ug/Kg	
SEE09171125PML1	9/17/2010	Arsenic	19000	ug/Kg	
SEE09171415PML1	9/17/2010	Arsenic	19000	ug/Kg	
SEE09131505PML1	9/13/2010	Arsenic	19000	ug/Kg	J
SEE09011545PML1	9/1/2010	Arsenic	19000	ug/Kg	
SEE08261445JRP1	8/26/2010	Arsenic	19000	ug/Kg	
SEE08281505PML1	8/28/2010	Arsenic	18900	ug/kg	
SEE08271215PML1	8/27/2010	Arsenic	18300	ug/kg	
SEE10170915JDF1	10/17/2010	Arsenic	18000	ug/Kg	
SEE10161530JDF1	10/16/2010	Arsenic	18000	ug/Kg	
SEE10081231PML1	10/8/2010	Arsenic	18000	ug/Kg	J
SEE10041050JDF1	10/4/2010	Arsenic	18000	ug/Kg	
SEE09301205RCM1	9/30/2010	Arsenic	18000	ug/Kg	J
SEE09161045PML1	9/16/2010	Arsenic	18000	ug/Kg	
SEE09091515PML1	9/9/2010	Arsenic	18000	ug/Kg	J
SEE09051130PML1	9/5/2010	Arsenic	18000	ug/Kg	J
SEE08271652TWH1	8/27/2010	Arsenic	17600	ug/kg	
SEE10161055JDF1	10/16/2010	Arsenic	17000	ug/Kg	
SEE10120930JDF1	10/12/2010	Arsenic	17000	ug/Kg	J

**TABLE B-2b**  
**Upstream Sediment Samples (Morrow Lake)**

Sample ID	Sample Date	Analyte	Result	Unit	Data Qualifier
SEE09271130JDF1	9/27/2010	Arsenic	17000	ug/Kg	J
SEE09271515JDF1	9/27/2010	Arsenic	17000	ug/Kg	J
SEE09170945PML1	9/17/2010	Arsenic	17000	ug/Kg	
SEE09130940PML1	9/13/2010	Arsenic	17000	ug/Kg	J
SEE09091410PML1	9/9/2010	Arsenic	17000	ug/Kg	J
SEE09041350PML1	9/4/2010	Arsenic	17000	ug/Kg	J
SEE08301445JRP1	8/30/2010	Arsenic	17000	ug/Kg	J
SEE08301530JAW1	8/30/2010	Arsenic	17000	ug/Kg	J
SEE08281630RCM1	8/28/2010	Arsenic	16600	ug/kg	
SEE08281510TWH1	8/28/2010	Arsenic	16500	ug/kg	
SEE08281607TWH1	8/28/2010	Arsenic	16200	ug/kg	
SEE10151055ARM1	10/15/2010	Arsenic	16000	ug/Kg	
SEE10121415ARM1	10/12/2010	Arsenic	16000	ug/Kg	J
SEE10111011JDF1	10/11/2010	Arsenic	16000	ug/Kg	
SEE10040945JDF1	10/4/2010	Arsenic	16000	ug/Kg	
SEE10031425JDF1	10/3/2010	Arsenic	16000	ug/Kg	
SEE09291035JDF1	9/29/2010	Arsenic	16000	ug/Kg	
SEE09211155JDF1	9/21/2010	Arsenic	16000	ug/Kg	J
SEE09211530JDF1	9/21/2010	Arsenic	16000	ug/Kg	J
SEE09201645ARM1	9/20/2010	Arsenic	16000	ug/Kg	
SEE09091010PML1	9/9/2010	Arsenic	16000	ug/Kg	J
SEE09091025JRP1	9/9/2010	Arsenic	16000	ug/Kg	J
SEE09031115JAW1	9/3/2010	Arsenic	16000	ug/Kg	
SEE09011050PML1	9/1/2010	Arsenic	16000	ug/Kg	
SEE09011145PML1	9/1/2010	Arsenic	16000	ug/Kg	
SEE08301015JRP1	8/30/2010	Arsenic	16000	ug/Kg	J
SEE08281420TWH1	8/28/2010	Arsenic	15900	ug/kg	
SEE10150945JDF1	10/15/2010	Arsenic	15000	ug/Kg	
SEE10111125JDF1	10/11/2010	Arsenic	15000	ug/Kg	
SEE10091200ARM1	10/9/2010	Arsenic	15000	ug/Kg	
SEE10081051RCM1	10/8/2010	Arsenic	15000	ug/Kg	J
SEE10071101PML1	10/7/2010	Arsenic	15000	ug/Kg	J
SEE10071415ARM1	10/7/2010	Arsenic	15000	ug/Kg	J
SEE10061051RCM1	10/6/2010	Arsenic	15000	ug/Kg	
SEE10041150JDF1	10/4/2010	Arsenic	15000	ug/Kg	
SEE09301255MAE1	9/30/2010	Arsenic	15000	ug/Kg	J
SEE09271025ARM1	9/27/2010	Arsenic	15000	ug/Kg	J
SEE09231130ARM1	9/23/2010	Arsenic	15000	ug/Kg	
SEE09121450PML1	9/12/2010	Arsenic	15000	ug/Kg	
SEE09040950PML1	9/4/2010	Arsenic	15000	ug/Kg	J
SEE09011545MHS1	9/1/2010	Arsenic	15000	ug/Kg	
SEE08301520JRP1	8/30/2010	Arsenic	15000	ug/Kg	J
SEE08291550KAP1	8/29/2010	Arsenic	14400	ug/kg	
SEE10161115ARM1	10/16/2010	Arsenic	14000	ug/Kg	
SEE10041138RCM1	10/4/2010	Arsenic	14000	ug/Kg	
SEE09291023RCM1	9/29/2010	Arsenic	14000	ug/Kg	
SEE09220935RCM1	9/22/2010	Arsenic	14000	ug/Kg	
SEE09191445RCM1	9/19/2010	Arsenic	14000	ug/Kg	J
SEE09170839RCM1	9/17/2010	Arsenic	14000	ug/Kg	
SEE09141135PML1	9/14/2010	Arsenic	14000	ug/Kg	
SEE09130955JRP1	9/13/2010	Arsenic	14000	ug/Kg	J
SEE09131026RCM1	9/13/2010	Arsenic	14000	ug/Kg	J
SEE09121436RCM1	9/12/2010	Arsenic	14000	ug/Kg	
SEE09090900JRP1	9/9/2010	Arsenic	14000	ug/Kg	J
SEE09091005RCM1	9/9/2010	Arsenic	14000	ug/Kg	J
SEE09081020RCM1	9/8/2010	Arsenic	14000	ug/Kg	
SEE09051550MHS1	9/5/2010	Arsenic	14000	ug/Kg	J
SEE08300920JRP1	8/30/2010	Arsenic	14000	ug/Kg	J
SEE08281215PML1	8/28/2010	Arsenic	13800	ug/kg	
SEE08261620RCM1	8/26/2010	Arsenic	13700	ug/kg	

**TABLE B-2b**  
**Upstream Sediment Samples (Morrow Lake)**

Sample ID	Sample Date	Analyte	Result	Unit	Data Qualifier
SEE08291421KAP1	8/29/2010	Arsenic	13200	ug/kg	
SEE10091401PML1	10/9/2010	Arsenic	13000	ug/Kg	
SEE10071042RCM1	10/7/2010	Arsenic	13000	ug/Kg	J
SEE10051125PML1	10/5/2010	Arsenic	13000	ug/Kg	
SEE09301105JDF1	9/30/2010	Arsenic	13000	ug/Kg	J
SEE09260930RCM1	9/26/2010	Arsenic	13000	ug/Kg	
SEE09230955RCM1	9/23/2010	Arsenic	13000	ug/Kg	
SEE09181235PML1	9/18/2010	Arsenic	13000	ug/Kg	
SEE09101215PML1	9/10/2010	Arsenic	13000	ug/Kg	
SEE09061130MHS1	9/6/2010	Arsenic	13000	ug/Kg	
SEE08301130PML1	8/30/2010	Arsenic	13000	ug/Kg	J
SEE08261420RCM1	8/26/2010	Arsenic	12900	ug/kg	
SEE10171410JDF1	10/17/2010	Arsenic	12000	ug/Kg	
SEE10151355ARM1	10/15/2010	Arsenic	12000	ug/Kg	
SEE10141015JDF1	10/14/2010	Arsenic	12000	ug/Kg	
SEE10131150JDF1	10/13/2010	Arsenic	12000	ug/Kg	
SEE10081115PML1	10/8/2010	Arsenic	12000	ug/Kg	J
SEE10041355ARM1	10/4/2010	Arsenic	12000	ug/Kg	
SEE09291135JDF1	9/29/2010	Arsenic	12000	ug/Kg	
SEE09161035RCM1	9/16/2010	Arsenic	12000	ug/Kg	
SEE09141515PML1	9/14/2010	Arsenic	12000	ug/Kg	
SEE09121105RCM1	9/12/2010	Arsenic	12000	ug/Kg	
SEE09101022PML1	9/10/2010	Arsenic	12000	ug/Kg	
SEE09101625PML1	9/10/2010	Arsenic	12000	ug/Kg	
SEE09091410RCM1	9/9/2010	Arsenic	12000	ug/Kg	J
SEE09061500PML1	9/6/2010	Arsenic	12000	ug/Kg	
SEE09030925PML1	9/3/2010	Arsenic	12000	ug/Kg	
SEE09031140MHS1	9/3/2010	Arsenic	12000	ug/Kg	
SEE09031645MHS1	9/3/2010	Arsenic	12000	ug/Kg	
SEE09021400PML1	9/2/2010	Arsenic	12000	ug/Kg	
SEE08311010JRP1	8/31/2010	Arsenic	12000	ug/Kg	
SEE08301638MHS1	8/30/2010	Arsenic	12000	ug/Kg	J
SEE08271145RCM1	8/27/2010	Arsenic	11900	ug/kg	
SEE08271536TWH1	8/27/2010	Arsenic	11700	ug/kg	
SEE10171115JDF1	10/17/2010	Arsenic	11000	ug/Kg	
SEE10101215PML1	10/10/2010	Arsenic	11000	ug/Kg	
SEE10101215PML1	10/10/2010	Arsenic	11000	ug/Kg	
SEE10091614PML1	10/9/2010	Arsenic	11000	ug/Kg	
SEE10051653PML1	10/5/2010	Arsenic	11000	ug/Kg	
SEE09301255JDF1	9/30/2010	Arsenic	11000	ug/Kg	J
SEE09251135JDF1	9/25/2010	Arsenic	11000	ug/Kg	
SEE09231645JDF1	9/23/2010	Arsenic	11000	ug/Kg	
SEE09201115RCM1	9/20/2010	Arsenic	11000	ug/Kg	
SEE09191040PML1	9/19/2010	Arsenic	11000	ug/Kg	J
SEE09181705PML1	9/18/2010	Arsenic	11000	ug/Kg	
SEE09171445RCM1	9/17/2010	Arsenic	11000	ug/Kg	
SEE09140945PML1	9/14/2010	Arsenic	11000	ug/Kg	
SEE09131445RCM1	9/13/2010	Arsenic	11000	ug/Kg	J
SEE09071050PML1	9/7/2010	Arsenic	11000	ug/Kg	J
SEE09061525MHS1	9/6/2010	Arsenic	11000	ug/Kg	
SEE09021010PML1	9/2/2010	Arsenic	11000	ug/Kg	
SEE08311045PML1	8/31/2010	Arsenic	11000	ug/Kg	
SEE08301145MHS1	8/30/2010	Arsenic	11000	ug/Kg	J
SEE08301550PML1	8/30/2010	Arsenic	11000	ug/Kg	J
SEE10181035JDF1	10/18/2010	Arsenic	10000	ug/Kg	J
SEE10171535ARM1	10/17/2010	Arsenic	10000	ug/Kg	
SEE10121155JDF1	10/12/2010	Arsenic	10000	ug/Kg	J
SEE10101010PML1	10/10/2010	Arsenic	10000	ug/Kg	
SEE10031115JDF1	10/3/2010	Arsenic	10000	ug/Kg	
SEE10031115JDF1	10/3/2010	Arsenic	10000	ug/Kg	

**TABLE B-2b**  
**Upstream Sediment Samples (Morrow Lake)**

Sample ID	Sample Date	Analyte	Result	Unit	Data Qualifier
SEE10011120JDF1	10/1/2010	Arsenic	10000	ug/Kg	
SEE09261215JDF1	9/26/2010	Arsenic	10000	ug/Kg	
SEE09231210JDF1	9/23/2010	Arsenic	10000	ug/Kg	
SEE09191530PML1	9/19/2010	Arsenic	10000	ug/Kg	J
SEE09151145PML1	9/15/2010	Arsenic	10000	ug/Kg	
SEE09151145PML1	9/15/2010	Arsenic	10000	ug/Kg	
SEE09081205PML1	9/8/2010	Arsenic	9900	ug/Kg	
SEE10141550JDF1	10/14/2010	Arsenic	9800	ug/Kg	
SEE10141550JDF1	10/14/2010	Arsenic	9800	ug/Kg	
SEE09151015PML1	9/15/2010	Arsenic	9800	ug/Kg	
SEE09061105PML1	9/6/2010	Arsenic	9800	ug/Kg	
SEE10041530JDF1	10/4/2010	Arsenic	9700	ug/Kg	
SEE09261625JDF1	9/26/2010	Arsenic	9700	ug/Kg	
SEE09261625JDF1	9/26/2010	Arsenic	9700	ug/Kg	
SEE09141312RCM1	9/14/2010	Arsenic	9600	ug/Kg	
SEE09081010PML1	9/8/2010	Arsenic	9600	ug/Kg	
SEE09130915JRP1	9/13/2010	Arsenic	9500	ug/Kg	J
SEE09121055PML1	9/12/2010	Arsenic	9500	ug/Kg	
SEE09121055PML1	9/12/2010	Arsenic	9500	ug/Kg	
SEE09031100PML1	9/3/2010	Arsenic	9500	ug/Kg	
SEE08311420PML1	8/31/2010	Arsenic	9500	ug/Kg	
SEE08311420PML1	8/31/2010	Arsenic	9500	ug/Kg	
SEE10061205PML1	10/6/2010	Arsenic	9300	ug/Kg	
SEE09200945PML1	9/20/2010	Arsenic	9300	ug/Kg	
SEE09200945PML1	9/20/2010	Arsenic	9300	ug/Kg	
SEE09111015PML1	9/11/2010	Arsenic	9300	ug/Kg	
SEE10141150JDF1	10/14/2010	Arsenic	9200	ug/Kg	
SEE09031650PML1	9/3/2010	Arsenic	9200	ug/Kg	
SEE09031650PML1	9/3/2010	Arsenic	9200	ug/Kg	
SEE10181510JDF1	10/18/2010	Arsenic	9000	ug/Kg	J
SEE10181510JDF1	10/18/2010	Arsenic	9000	ug/Kg	J
SEE10181210JDF1	10/18/2010	Arsenic	8900	ug/Kg	J
SEE09211112RCM1	9/21/2010	Arsenic	8900	ug/Kg	J
SEE08291354KAP1	8/29/2010	Arsenic	8740	ug/kg	
SEE10061640PML1	10/6/2010	Arsenic	8700	ug/Kg	
SEE10061640PML1	10/6/2010	Arsenic	8700	ug/Kg	
SEE09250905RCM1	9/25/2010	Arsenic	8600	ug/Kg	
SEE08301100JRP1	8/30/2010	Arsenic	8500	ug/Kg	J
SEE08291110PML1	8/29/2010	Arsenic	8240	ug/kg	
SEE10011125ARM1	10/1/2010	Arsenic	7700	ug/Kg	
SEE10141025ARM1	10/14/2010	Arsenic	7200	ug/Kg	
SEE08311348MHS1	8/31/2010	Arsenic	7200	ug/Kg	
SEE09061610JAW1	9/6/2010	Arsenic	7000	ug/Kg	
SEB09011143JLS1	9/1/2010	Arsenic	6900	ug/Kg	
SEE08271614TWH1	8/27/2010	Arsenic	6290	ug/kg	
SEE10071151RCM1	10/7/2010	Arsenic	6000	ug/Kg	J
SEE09201110ARM1	9/20/2010	Arsenic	6000	ug/Kg	
SEE10081035ARM1	10/8/2010	Arsenic	5900	ug/Kg	J
SEB08281400JLS1	8/28/2010	Arsenic	5440	ug/kg	
SEF09281139TDF1	9/28/2010	Arsenic	5300	ug/Kg	
SEE09291645JDF1	9/29/2010	Arsenic	5100	ug/Kg	
SEE09271500ARM1	9/27/2010	Arsenic	5100	ug/Kg	J
SEE08291445PML1	8/29/2010	Arsenic	5100	ug/kg	
SEE10051415ARM1	10/5/2010	Arsenic	4900	ug/Kg	
SEE09171200ARM1	9/17/2010	Arsenic	4700	ug/Kg	
SEE09211120ARM1	9/21/2010	Arsenic	4500	ug/Kg	J
SEE08301410JRP1	8/30/2010	Arsenic	4500	ug/Kg	J
SEE08261700JRP1	8/26/2010	Arsenic	4500	ug/Kg	
SEE09290915MAE1	9/29/2010	Arsenic	4300	ug/Kg	
SEE08271445JRP1	8/27/2010	Arsenic	4200	ug/kg	

**TABLE B-2b**  
**Upstream Sediment Samples (Morrow Lake)**

Sample ID	Sample Date	Analyte	Result	Unit	Data Qualifier
SEE10071045ARM1	10/7/2010	Arsenic	4000	ug/Kg	J
SEE09051500MHS1	9/5/2010	Arsenic	3900	ug/Kg	J
SEE09140945JRP1	9/14/2010	Arsenic	3700	ug/Kg	
SEE09231205RCM1	9/23/2010	Arsenic	3500	ug/Kg	
SEE09100920JRP1	9/10/2010	Arsenic	3400	ug/Kg	
SEE09231035ARM1	9/23/2010	Arsenic	3300	ug/Kg	
SEE09070930JRP1	9/7/2010	Arsenic	3200	ug/Kg	J
SEE10121040ARM1	10/12/2010	Arsenic	3100	ug/Kg	J
SEF10011045TDF1	10/1/2010	Arsenic	2700	ug/Kg	
SEE10131035ARM1	10/13/2010	Arsenic	2600	ug/Kg	
SEE10061135ARM1	10/6/2010	Arsenic	2600	ug/Kg	
SEE10051145RCM1	10/5/2010	Arsenic	2600	ug/Kg	
SEE09301025MAE1	9/30/2010	Arsenic	2600	ug/Kg	J
SEE09100945RCM1	9/10/2010	Arsenic	2600	ug/Kg	
SEE08281540JRP1	8/28/2010	Arsenic	2600	ug/kg	
SEE09251235ARM1	9/25/2010	Arsenic	2400	ug/Kg	
SEE09281445RCM1	9/28/2010	Arsenic	2300	ug/Kg	
SEE09200911RCM1	9/20/2010	Arsenic	2300	ug/Kg	
SEE09170935RCM1	9/17/2010	Arsenic	2300	ug/Kg	
SEE10041045ARM1	10/4/2010	Arsenic	2200	ug/Kg	
SEE10011043RCM1	10/1/2010	Arsenic	2200	ug/Kg	
SEE09150915JRP1	9/15/2010	Arsenic	2100	ug/Kg	
SEE09051500JAW1	9/5/2010	Arsenic	1900	ug/Kg	J
SEE09011515JAW1	9/1/2010	Arsenic	1900	ug/Kg	
SEF10151030PMB3	10/15/2010	Arsenic	1800	ug/Kg	
SEE10181030JWP1	10/18/2010	Arsenic	1700	ug/Kg	J
SEF10121130PMB3	10/12/2010	Arsenic	1700	ug/Kg	J
SEE09221045ARM1	9/22/2010	Arsenic	1700	ug/Kg	
SEE09080930JRP1	9/8/2010	Arsenic	1600	ug/Kg	
SEF10051206TDF3	10/5/2010	Arsenic	1400	ug/Kg	
SEF10081108TDF3	10/8/2010	Arsenic	1300	ug/Kg	J
SEE10121415ARM1	10/12/2010	Barium	290000	ug/Kg	
SEE10151055ARM1	10/15/2010	Barium	270000	ug/Kg	J
SEE08281607TWH1	8/28/2010	Barium	263000	ug/kg	
SEE08300920JRP1	8/30/2010	Barium	260000	ug/Kg	
SEE08301445JRP1	8/30/2010	Barium	260000	ug/Kg	
SEE08261620RCM1	8/26/2010	Barium	257000	ug/kg	
SEE08301520JRP1	8/30/2010	Barium	250000	ug/Kg	
SEE08281630RCM1	8/28/2010	Barium	241000	ug/kg	
SEE10141555ARM1	10/14/2010	Barium	240000	ug/Kg	
SEE08301015JRP1	8/30/2010	Barium	240000	ug/Kg	
SEE10151355ARM1	10/15/2010	Barium	230000	ug/Kg	J
SEE10081051RCM1	10/8/2010	Barium	230000	ug/Kg	
SEE10061051RCM1	10/6/2010	Barium	230000	ug/Kg	
SEE10011120JDF1	10/1/2010	Barium	230000	ug/Kg	
SEE09261215JDF1	9/26/2010	Barium	230000	ug/Kg	
SEE09141135PML1	9/14/2010	Barium	230000	ug/Kg	
SEE09101022PML1	9/10/2010	Barium	230000	ug/Kg	
SEE09101215PML1	9/10/2010	Barium	230000	ug/Kg	
SEE09101625PML1	9/10/2010	Barium	230000	ug/Kg	
SEE08271215PML1	8/27/2010	Barium	230000	ug/kg	B
SEE10171115JDF1	10/17/2010	Barium	220000	ug/Kg	
SEE10171410JDF1	10/17/2010	Barium	220000	ug/Kg	
SEE10141015JDF1	10/14/2010	Barium	220000	ug/Kg	
SEE10101010PML1	10/10/2010	Barium	220000	ug/Kg	
SEE10101215PML1	10/10/2010	Barium	220000	ug/Kg	
SEE10101215PML1	10/10/2010	Barium	220000	ug/Kg	
SEE10091401PML1	10/9/2010	Barium	220000	ug/Kg	
SEE10081115PML1	10/8/2010	Barium	220000	ug/Kg	
SEE10051125PML1	10/5/2010	Barium	220000	ug/Kg	J

**TABLE B-2b**  
**Upstream Sediment Samples (Morrow Lake)**

Sample ID	Sample Date	Analyte	Result	Unit	Data Qualifier
SEE09301105JDF1	9/30/2010	Barium	220000	ug/Kg	
SEE09260930RCM1	9/26/2010	Barium	220000	ug/Kg	
SEE09251135JDF1	9/25/2010	Barium	220000	ug/Kg	
SEE09191040PML1	9/19/2010	Barium	220000	ug/Kg	
SEE09191445RCM1	9/19/2010	Barium	220000	ug/Kg	
SEE09191530PML1	9/19/2010	Barium	220000	ug/Kg	
SEE09181235PML1	9/18/2010	Barium	220000	ug/Kg	
SEE09181705PML1	9/18/2010	Barium	220000	ug/Kg	
SEE09141515PML1	9/14/2010	Barium	220000	ug/Kg	
SEE09131445RCM1	9/13/2010	Barium	220000	ug/Kg	
SEE09121105RCM1	9/12/2010	Barium	220000	ug/Kg	
SEE09091005RCM1	9/9/2010	Barium	220000	ug/Kg	
SEE09091410RCM1	9/9/2010	Barium	220000	ug/Kg	
SEE09081020RCM1	9/8/2010	Barium	220000	ug/Kg	
SEE09071050PML1	9/7/2010	Barium	220000	ug/Kg	
SEE09030925PML1	9/3/2010	Barium	220000	ug/Kg	
SEE09031645MHS1	9/3/2010	Barium	220000	ug/Kg	
SEE09021400PML1	9/2/2010	Barium	220000	ug/Kg	
SEE09011545MHS1	9/1/2010	Barium	220000	ug/Kg	
SEE08301130PML1	8/30/2010	Barium	220000	ug/Kg	
SEE08261420RCM1	8/26/2010	Barium	219000	ug/kg	
SEE08291110PML1	8/29/2010	Barium	212000	ug/kg	B
SEE10181035JDF1	10/18/2010	Barium	210000	ug/Kg	J
SEE10181210JDF1	10/18/2010	Barium	210000	ug/Kg	J
SEE10141550JDF1	10/14/2010	Barium	210000	ug/Kg	
SEE10141550JDF1	10/14/2010	Barium	210000	ug/Kg	
SEE10131150JDF1	10/13/2010	Barium	210000	ug/Kg	
SEE10091614PML1	10/9/2010	Barium	210000	ug/Kg	
SEE10051653PML1	10/5/2010	Barium	210000	ug/Kg	J
SEE10041530JDF1	10/4/2010	Barium	210000	ug/Kg	
SEE10031115JDF1	10/3/2010	Barium	210000	ug/Kg	B
SEE10031115JDF1	10/3/2010	Barium	210000	ug/Kg	B
SEE09261625JDF1	9/26/2010	Barium	210000	ug/Kg	
SEE09261625JDF1	9/26/2010	Barium	210000	ug/Kg	
SEE09250905RCM1	9/25/2010	Barium	210000	ug/Kg	
SEE09230955RCM1	9/23/2010	Barium	210000	ug/Kg	
SEE09231210JDF1	9/23/2010	Barium	210000	ug/Kg	
SEE09231645JDF1	9/23/2010	Barium	210000	ug/Kg	
SEE09220935RCM1	9/22/2010	Barium	210000	ug/Kg	
SEE09201115RCM1	9/20/2010	Barium	210000	ug/Kg	
SEE09170839RCM1	9/17/2010	Barium	210000	ug/Kg	
SEE09171445RCM1	9/17/2010	Barium	210000	ug/Kg	
SEE09140945PML1	9/14/2010	Barium	210000	ug/Kg	
SEE09131026RCM1	9/13/2010	Barium	210000	ug/Kg	
SEE09121055PML1	9/12/2010	Barium	210000	ug/Kg	
SEE09121055PML1	9/12/2010	Barium	210000	ug/Kg	
SEE09121436RCM1	9/12/2010	Barium	210000	ug/Kg	
SEE09111015PML1	9/11/2010	Barium	210000	ug/Kg	
SEE09081010PML1	9/8/2010	Barium	210000	ug/Kg	
SEE09081205PML1	9/8/2010	Barium	210000	ug/Kg	
SEE09061105PML1	9/6/2010	Barium	210000	ug/Kg	
SEE09061130MHS1	9/6/2010	Barium	210000	ug/Kg	
SEE09061500PML1	9/6/2010	Barium	210000	ug/Kg	
SEE09061525MHS1	9/6/2010	Barium	210000	ug/Kg	
SEE09031100PML1	9/3/2010	Barium	210000	ug/Kg	
SEE09031140MHS1	9/3/2010	Barium	210000	ug/Kg	
SEE09021010PML1	9/2/2010	Barium	210000	ug/Kg	
SEE08311045PML1	8/31/2010	Barium	210000	ug/Kg	
SEE08311420PML1	8/31/2010	Barium	210000	ug/Kg	
SEE08311420PML1	8/31/2010	Barium	210000	ug/Kg	



**TABLE B-2b**  
**Upstream Sediment Samples (Morrow Lake)**

Sample ID	Sample Date	Analyte	Result	Unit	Data Qualifier
SEE08301550PML1	8/30/2010	Barium	210000	ug/Kg	
SEE08301638MHS1	8/30/2010	Barium	210000	ug/Kg	
SEE08281505PML1	8/28/2010	Barium	202000	ug/kg	
SEE10181430JWP1	10/18/2010	Barium	200000	ug/Kg	J
SEE10181510JDF1	10/18/2010	Barium	200000	ug/Kg	J
SEE10181510JDF1	10/18/2010	Barium	200000	ug/Kg	J
SEE10161115ARM1	10/16/2010	Barium	200000	ug/Kg	
SEE10141150JDF1	10/14/2010	Barium	200000	ug/Kg	
SEE10071042RCM1	10/7/2010	Barium	200000	ug/Kg	J
SEE10061205PML1	10/6/2010	Barium	200000	ug/Kg	
SEE10061640PML1	10/6/2010	Barium	200000	ug/Kg	
SEE10061640PML1	10/6/2010	Barium	200000	ug/Kg	
SEE09301255JDF1	9/30/2010	Barium	200000	ug/Kg	
SEE09291023RCM1	9/29/2010	Barium	200000	ug/Kg	
SEE09200945PML1	9/20/2010	Barium	200000	ug/Kg	
SEE09200945PML1	9/20/2010	Barium	200000	ug/Kg	
SEE09161035RCM1	9/16/2010	Barium	200000	ug/Kg	
SEE09161045PML1	9/16/2010	Barium	200000	ug/Kg	
SEE09151015PML1	9/15/2010	Barium	200000	ug/Kg	
SEE09151145PML1	9/15/2010	Barium	200000	ug/Kg	
SEE09151145PML1	9/15/2010	Barium	200000	ug/Kg	
SEE09131505PML1	9/13/2010	Barium	200000	ug/Kg	
SEE09121450PML1	9/12/2010	Barium	200000	ug/Kg	
SEE09051550MHS1	9/5/2010	Barium	200000	ug/Kg	
SEE09031650PML1	9/3/2010	Barium	200000	ug/Kg	
SEE09031650PML1	9/3/2010	Barium	200000	ug/Kg	
SEE09011050PML1	9/1/2010	Barium	200000	ug/Kg	
SEE08301145MHS1	8/30/2010	Barium	200000	ug/Kg	
SEE08271145RCM1	8/27/2010	Barium	200000	ug/kg	B
SEE10161415JDF1	10/16/2010	Barium	190000	ug/Kg	
SEE10161530JDF1	10/16/2010	Barium	190000	ug/Kg	
SEE10121155JDF1	10/12/2010	Barium	190000	ug/Kg	
SEE10071205PML1	10/7/2010	Barium	190000	ug/Kg	J
SEE10041138RCM1	10/4/2010	Barium	190000	ug/Kg	
SEE10031425JDF1	10/3/2010	Barium	190000	ug/Kg	B
SEE09301205RCM1	9/30/2010	Barium	190000	ug/Kg	
SEE09271130JDF1	9/27/2010	Barium	190000	ug/Kg	
SEE09221440JDF1	9/22/2010	Barium	190000	ug/Kg	
SEE09211155JDF1	9/21/2010	Barium	190000	ug/Kg	
SEE09131125PML1	9/13/2010	Barium	190000	ug/Kg	
SEE09091145PML1	9/9/2010	Barium	190000	ug/Kg	
SEE09011545PML1	9/1/2010	Barium	190000	ug/Kg	
SEE08311010JRP1	8/31/2010	Barium	190000	ug/Kg	
SEE08271500PML1	8/27/2010	Barium	186000	ug/kg	B
SEE08281510TWH1	8/28/2010	Barium	185000	ug/kg	
SEE10161055JDF1	10/16/2010	Barium	180000	ug/Kg	
SEE10150945JDF1	10/15/2010	Barium	180000	ug/Kg	J
SEE10120930JDF1	10/12/2010	Barium	180000	ug/Kg	
SEE10111125JDF1	10/11/2010	Barium	180000	ug/Kg	
SEE10081231PML1	10/8/2010	Barium	180000	ug/Kg	
SEE09211112RCM1	9/21/2010	Barium	180000	ug/Kg	
SEE09171415PML1	9/17/2010	Barium	180000	ug/Kg	
SEE09171530PML1	9/17/2010	Barium	180000	ug/Kg	
SEE09090900JRP1	9/9/2010	Barium	180000	ug/Kg	
SEE09091025JRP1	9/9/2010	Barium	180000	ug/Kg	
SEE09091515PML1	9/9/2010	Barium	180000	ug/Kg	
SEE09091605PML1	9/9/2010	Barium	180000	ug/Kg	
SEE09051015PML1	9/5/2010	Barium	180000	ug/Kg	
SEE09051430PML1	9/5/2010	Barium	180000	ug/Kg	
SEE08301530JAW1	8/30/2010	Barium	180000	ug/Kg	

**TABLE B-2b**  
**Upstream Sediment Samples (Morrow Lake)**

Sample ID	Sample Date	Analyte	Result	Unit	Data Qualifier
SEE10111011JDF1	10/11/2010	Barium	170000	ug/Kg	
SEE10111350JDF1	10/11/2010	Barium	170000	ug/Kg	
SEE10041050JDF1	10/4/2010	Barium	170000	ug/Kg	
SEE09271025ARM1	9/27/2010	Barium	170000	ug/Kg	
SEE09271515JDF1	9/27/2010	Barium	170000	ug/Kg	
SEE09221105JDF1	9/22/2010	Barium	170000	ug/Kg	
SEE09221615JDF1	9/22/2010	Barium	170000	ug/Kg	
SEE09131620PML1	9/13/2010	Barium	170000	ug/Kg	
SEE09091010PML1	9/9/2010	Barium	170000	ug/Kg	
SEE09091410PML1	9/9/2010	Barium	170000	ug/Kg	
SEE09051130PML1	9/5/2010	Barium	170000	ug/Kg	
SEE09040950PML1	9/4/2010	Barium	170000	ug/Kg	
SEE09031115JAW1	9/3/2010	Barium	170000	ug/Kg	
SEE09011255PML1	9/1/2010	Barium	170000	ug/Kg	
SEE08261445JRP1	8/26/2010	Barium	170000	ug/Kg	B
SEE08291421KAP1	8/29/2010	Barium	167000	ug/kg	B
SEE08281215PML1	8/28/2010	Barium	161000	ug/kg	
SEE08281420TWH1	8/28/2010	Barium	161000	ug/kg	
SEE10071101PML1	10/7/2010	Barium	160000	ug/Kg	J
SEE10071415ARM1	10/7/2010	Barium	160000	ug/Kg	J
SEE10071540PML1	10/7/2010	Barium	160000	ug/Kg	J
SEE10041150JDF1	10/4/2010	Barium	160000	ug/Kg	
SEE09301255MAE1	9/30/2010	Barium	160000	ug/Kg	
SEE09290925JDF1	9/29/2010	Barium	160000	ug/Kg	
SEE09291035JDF1	9/29/2010	Barium	160000	ug/Kg	
SEE09231130ARM1	9/23/2010	Barium	160000	ug/Kg	
SEE09170945PML1	9/17/2010	Barium	160000	ug/Kg	
SEE09171125PML1	9/17/2010	Barium	160000	ug/Kg	
SEE09141312RCM1	9/14/2010	Barium	160000	ug/Kg	
SEE09130940PML1	9/13/2010	Barium	160000	ug/Kg	
SEE09130955JRP1	9/13/2010	Barium	160000	ug/Kg	
SEE09041350PML1	9/4/2010	Barium	160000	ug/Kg	
SEE09011145PML1	9/1/2010	Barium	160000	ug/Kg	
SEE09011635PML1	9/1/2010	Barium	160000	ug/Kg	
SEE10121030JDF1	10/12/2010	Barium	150000	ug/Kg	
SEE10040945JDF1	10/4/2010	Barium	150000	ug/Kg	
SEE10041335JDF1	10/4/2010	Barium	150000	ug/Kg	
SEE09211530JDF1	9/21/2010	Barium	150000	ug/Kg	
SEE09201645ARM1	9/20/2010	Barium	150000	ug/Kg	
SEE10170915JDF1	10/17/2010	Barium	140000	ug/Kg	
SEE08291550KAP1	8/29/2010	Barium	134000	ug/kg	B
SEE10041355ARM1	10/4/2010	Barium	130000	ug/Kg	
SEE08311348MHS1	8/31/2010	Barium	130000	ug/Kg	
SEE10091200ARM1	10/9/2010	Barium	120000	ug/Kg	
SEE08271536TWH1	8/27/2010	Barium	115000	ug/kg	B
SEE10071151RCM1	10/7/2010	Barium	110000	ug/Kg	J
SEE08271652TWH1	8/27/2010	Barium	103000	ug/kg	B
SEE10141025ARM1	10/14/2010	Barium	100000	ug/Kg	
SEE09291135JDF1	9/29/2010	Barium	94000	ug/Kg	
SEE09291645JDF1	9/29/2010	Barium	94000	ug/Kg	
SEE09051500MHS1	9/5/2010	Barium	87000	ug/Kg	
SEE10171535ARM1	10/17/2010	Barium	78000	ug/Kg	
SEE10051415ARM1	10/5/2010	Barium	77000	ug/Kg	J
SEE08291354KAP1	8/29/2010	Barium	74700	ug/kg	B
SEE08271614TWH1	8/27/2010	Barium	64300	ug/kg	B
SEE09130915JRP1	9/13/2010	Barium	56000	ug/Kg	
SEE09061610JAW1	9/6/2010	Barium	54000	ug/Kg	
SEE10081035ARM1	10/8/2010	Barium	53000	ug/Kg	
SEB09011143JLS1	9/1/2010	Barium	51000	ug/Kg	
SEE10011125ARM1	10/1/2010	Barium	46000	ug/Kg	

**TABLE B-2b**  
**Upstream Sediment Samples (Morrow Lake)**

Sample ID	Sample Date	Analyte	Result	Unit	Data Qualifier
SEE08301410JRP1	8/30/2010	Barium	46000	ug/Kg	
SEE10071045ARM1	10/7/2010	Barium	41000	ug/Kg	J
SEF09281139TDF1	9/28/2010	Barium	40000	ug/Kg	J
SEE09231205RCM1	9/23/2010	Barium	40000	ug/Kg	
SEF10051206TDF3	10/5/2010	Barium	39000	ug/Kg	J
SEE08291445PML1	8/29/2010	Barium	39000	ug/kg	B
SEE09201110ARM1	9/20/2010	Barium	37000	ug/Kg	
SEE08261700JRP1	8/26/2010	Barium	37000	ug/Kg	B
SEE08301100JRP1	8/30/2010	Barium	36000	ug/Kg	
SEE09281445RCM1	9/28/2010	Barium	35000	ug/Kg	J
SEB08281400JLS1	8/28/2010	Barium	34500	ug/kg	
SEE09171200ARM1	9/17/2010	Barium	34000	ug/Kg	
SEE09100945RCM1	9/10/2010	Barium	34000	ug/Kg	
SEE09271500ARM1	9/27/2010	Barium	33000	ug/Kg	
SEE09211120ARM1	9/21/2010	Barium	32000	ug/Kg	
SEE09200911RCM1	9/20/2010	Barium	29000	ug/Kg	
SEE08271445JRP1	8/27/2010	Barium	28500	ug/kg	B
SEE09290915MAE1	9/29/2010	Barium	28000	ug/Kg	
SEE10061135ARM1	10/6/2010	Barium	27000	ug/Kg	
SEE09140945JRP1	9/14/2010	Barium	26000	ug/Kg	
SEE09231035ARM1	9/23/2010	Barium	25000	ug/Kg	
SEE09100920JRP1	9/10/2010	Barium	24000	ug/Kg	
SEE09170935RCM1	9/17/2010	Barium	23000	ug/Kg	
SEF10011045TDF1	10/1/2010	Barium	21000	ug/Kg	
SEE09070930JRP1	9/7/2010	Barium	21000	ug/Kg	
SEE09251235ARM1	9/25/2010	Barium	20000	ug/Kg	
SEE08281540JRP1	8/28/2010	Barium	19200	ug/kg	
SEE10121040ARM1	10/12/2010	Barium	19000	ug/Kg	
SEE09301025MAE1	9/30/2010	Barium	19000	ug/Kg	
SEE10131035ARM1	10/13/2010	Barium	17000	ug/Kg	
SEE10041045ARM1	10/4/2010	Barium	16000	ug/Kg	
SEE10011043RCM1	10/1/2010	Barium	16000	ug/Kg	
SEE09150915JRP1	9/15/2010	Barium	16000	ug/Kg	
SEF10121130PMB3	10/12/2010	Barium	15000	ug/Kg	
SEE09051500JAW1	9/5/2010	Barium	15000	ug/Kg	
SEF10081108TDF3	10/8/2010	Barium	13000	ug/Kg	
SEE10051145RCM1	10/5/2010	Barium	13000	ug/Kg	J
SEE09221045ARM1	9/22/2010	Barium	13000	ug/Kg	
SEF10151030PMB3	10/15/2010	Barium	12000	ug/Kg	J
SEE10181030JWP1	10/18/2010	Barium	11000	ug/Kg	J
SEE09080930JRP1	9/8/2010	Barium	11000	ug/Kg	
SEE09011515JAW1	9/1/2010	Barium	11000	ug/Kg	
SEE08271145RCM1	8/27/2010	Benzaldehyde	1600	ug/kg	U
SEE08261620RCM1	8/26/2010	Benzaldehyde	1400	ug/kg	U
SEE08261420RCM1	8/26/2010	Benzaldehyde	1200	ug/kg	U
SEE08281607TWH1	8/28/2010	Benzaldehyde	830	ug/kg	U
SEE08281630RCM1	8/28/2010	Benzaldehyde	830	ug/kg	U
SEE08271614TWH1	8/27/2010	Benzaldehyde	690	ug/kg	U
SEE08271500PML1	8/27/2010	Benzaldehyde	660	ug/kg	U
SEE08291110PML1	8/29/2010	Benzaldehyde	590	ug/kg	U
SEE08281510TWH1	8/28/2010	Benzaldehyde	540	ug/kg	U
SEE08291354KAP1	8/29/2010	Benzaldehyde	330	ug/kg	U
SEE08291445PML1	8/29/2010	Benzaldehyde	270	ug/kg	U
SEE08271445JRP1	8/27/2010	Benzaldehyde	230	ug/kg	U
SEB08281400JLS1	8/28/2010	Benzaldehyde	210	ug/kg	U
SEE08281540JRP1	8/28/2010	Benzaldehyde	210	ug/kg	U
SEE08281505PML1	8/28/2010	Benzaldehyde	53	ug/kg	J
SEE08281420TWH1	8/28/2010	Benzaldehyde	46	ug/kg	J
SEE08291550KAP1	8/29/2010	Benzaldehyde	45	ug/kg	J
SEE08271215PML1	8/27/2010	Benzaldehyde	44	ug/kg	J

**TABLE B-2b**  
**Upstream Sediment Samples (Morrow Lake)**

Sample ID	Sample Date	Analyte	Result	Unit	Data Qualifier
SEE08281215PML1	8/28/2010	Benzaldehyde	40	ug/kg	J
SEE08271652TWH1	8/27/2010	Benzaldehyde	28	ug/kg	J
SEE08291421KAP1	8/29/2010	Benzaldehyde	27	ug/kg	J
SEE08271536TWH1	8/27/2010	Benzaldehyde	26	ug/kg	J
ML-07-S-081810	8/18/2010	Benzaldehyde	1.5	mg/Kg	UJ
ML-04-S-081710	8/17/2010	Benzaldehyde	1.3	mg/Kg	U
ML-04-S-082610	8/26/2010	Benzaldehyde	1.2	mg/Kg	U
ML-10-S-082610	8/26/2010	Benzaldehyde	1.2	mg/Kg	U
ML-10-S-082610	8/26/2010	Benzaldehyde	1.2	mg/Kg	U
ML-10-S-081910	8/19/2010	Benzaldehyde	1.2	mg/Kg	U
ML-10-S-081910	8/19/2010	Benzaldehyde	1.2	mg/Kg	U
ML-09-S-081810	8/18/2010	Benzaldehyde	1.2	mg/Kg	UJ
ML-06-S-081710	8/17/2010	Benzaldehyde	1.2	mg/Kg	U
ML-01-S-081910	8/19/2010	Benzaldehyde	1.1	mg/Kg	U
ML-05-S-081710	8/17/2010	Benzaldehyde	1.0	mg/Kg	U
ML-02-S-081710	8/17/2010	Benzaldehyde	0.97	mg/Kg	U
ML-05-S-082610	8/26/2010	Benzaldehyde	0.70	mg/Kg	U
ML-07-S-082410	8/24/2010	Benzaldehyde	0.17	mg/Kg	J
ML-01-S-081610	8/16/2010	Benzaldehyde	0.15	mg/Kg	J
ML-02-S-082510	8/25/2010	Benzaldehyde	0.13	mg/Kg	J
ML-07-S-082110	8/21/2010	Benzaldehyde	0.13	mg/Kg	J
ML-06-S-082510	8/25/2010	Benzaldehyde	0.12	mg/Kg	J
ML-08-S-082510	8/25/2010	Benzaldehyde	0.12	mg/Kg	J
ML-10-S-081610	8/16/2010	Benzaldehyde	0.11	mg/Kg	J
ML-10-S-081610	8/16/2010	Benzaldehyde	0.11	mg/Kg	J
ML-01-S-082510	8/25/2010	Benzaldehyde	0.10	mg/Kg	J
ML-07-S-082510	8/25/2010	Benzaldehyde	0.10	mg/Kg	J
ML-03-S-082010	8/20/2010	Benzaldehyde	0.10	mg/Kg	J
ML-07-S-081610	8/16/2010	Benzaldehyde	0.096	mg/Kg	J
ML-03-S-082510	8/25/2010	Benzaldehyde	0.090	mg/Kg	J
ML-04-S-082010	8/20/2010	Benzaldehyde	0.090	mg/Kg	J
ML-05-S-082010	8/20/2010	Benzaldehyde	0.090	mg/Kg	J
ML-09-S-082510	8/25/2010	Benzaldehyde	0.089	mg/Kg	J
ML-04-S-082410	8/24/2010	Benzaldehyde	0.089	mg/Kg	J
ML-03-S-081610	8/16/2010	Benzaldehyde	0.086	mg/Kg	J
ML-02-S-082010	8/20/2010	Benzaldehyde	0.082	mg/Kg	J
ML-08-S-081610	8/16/2010	Benzaldehyde	0.082	mg/Kg	J
ML-06-S-082010	8/20/2010	Benzaldehyde	0.080	mg/Kg	J
ML-10-S-082410	8/24/2010	Benzaldehyde	0.078	mg/Kg	J
ML-10-S-082410	8/24/2010	Benzaldehyde	0.078	mg/Kg	J
ML-01-S-082110	8/21/2010	Benzaldehyde	0.075	mg/Kg	J
ML-02-S-082310	8/23/2010	Benzaldehyde	0.074	mg/Kg	J
ML-05-S-082310	8/23/2010	Benzaldehyde	0.074	mg/Kg	J
ML-09-S-082110	8/21/2010	Benzaldehyde	0.074	mg/Kg	J
ML-06-S-082310	8/23/2010	Benzaldehyde	0.072	mg/Kg	J
ML-09-S-082410	8/24/2010	Benzaldehyde	0.070	mg/Kg	J
ML-10-S-082110	8/21/2010	Benzaldehyde	0.065	mg/Kg	J
ML-10-S-082110	8/21/2010	Benzaldehyde	0.065	mg/Kg	J
ML-08-S-082410	8/24/2010	Benzaldehyde	0.056	mg/Kg	J
ML-08-S-082110	8/21/2010	Benzaldehyde	0.051	mg/Kg	J
ML-03-S-082310	8/23/2010	Benzaldehyde	0.050	mg/Kg	J
SEE10211035JDF1	10/21/2010	Benzene	620	ug/Kg	U
SEE10191515JDF1	10/19/2010	Benzene	560	ug/Kg	U
SEE10211430JDF1	10/21/2010	Benzene	540	ug/Kg	U
SEE10191005JDF1	10/19/2010	Benzene	540	ug/Kg	U
SEE10221110JDF1	10/22/2010	Benzene	530	ug/Kg	U
SEE10221110JDF1	10/22/2010	Benzene	530	ug/Kg	U
SEE10191415JDF1	10/19/2010	Benzene	510	ug/Kg	U
SEE10191155JDF1	10/19/2010	Benzene	490	ug/Kg	U
SEE10211010JWP1	10/21/2010	Benzene	470	ug/Kg	U

**TABLE B-2b**  
**Upstream Sediment Samples (Morrow Lake)**

Sample ID	Sample Date	Analyte	Result	Unit	Data Qualifier
SEE10191100JDF1	10/19/2010	Benzene	470	ug/Kg	U
SEE10221055DWS1	10/22/2010	Benzene	450	ug/Kg	U
SEE10191010JWP1	10/19/2010	Benzene	450	ug/Kg	U
SEE10221450DWS1	10/22/2010	Benzene	240	ug/Kg	U
SEE10211345JWP1	10/21/2010	Benzene	220	ug/Kg	U
SEF10221050MAE3	10/22/2010	Benzene	150	ug/Kg	U
SEF10191135NAC3	10/19/2010	Benzene	150	ug/Kg	U
SEE10191115JWP1	10/19/2010	Benzene	130	ug/Kg	U
SEE09200945PML1	9/20/2010	Benzene	60	ug/Kg	U
SEE09200945PML1	9/20/2010	Benzene	60	ug/Kg	U
SEE09201115RCM1	9/20/2010	Benzene	58	ug/Kg	U
SEE09201645ARM1	9/20/2010	Benzene	48	ug/Kg	U
SEE10071042RCM1	10/7/2010	Benzene	45	ug/Kg	U
SEE09061500PML1	9/6/2010	Benzene	45	ug/Kg	U
SEE08281607TWH1	8/28/2010	Benzene	44	ug/kg	U
SEE09301105JDF1	9/30/2010	Benzene	42	ug/Kg	U
SEE09181705PML1	9/18/2010	Benzene	42	ug/Kg	U
SEE09021400PML1	9/2/2010	Benzene	41	ug/Kg	U
SEE08301130PML1	8/30/2010	Benzene	41	ug/Kg	U
SEE10091401PML1	10/9/2010	Benzene	40	ug/Kg	U
SEE10181035JDF1	10/18/2010	Benzene	39	ug/Kg	U
SEE10051125PML1	10/5/2010	Benzene	39	ug/Kg	U
SEE08311045PML1	8/31/2010	Benzene	39	ug/Kg	U
SEE10141555ARM1	10/14/2010	Benzene	38	ug/Kg	U
SEE09101215PML1	9/10/2010	Benzene	38	ug/Kg	U
SEE10161530JDF1	10/16/2010	Benzene	37	ug/Kg	U
SEE10081115PML1	10/8/2010	Benzene	37	ug/Kg	U
SEE09030925PML1	9/3/2010	Benzene	37	ug/Kg	U
SEE09031115JAW1	9/3/2010	Benzene	37	ug/Kg	U
SEE08281505PML1	8/28/2010	Benzene	37	ug/kg	U
SEE10171410JDF1	10/17/2010	Benzene	36	ug/Kg	U
SEE09191530PML1	9/19/2010	Benzene	36	ug/Kg	U
SEE09181235PML1	9/18/2010	Benzene	36	ug/Kg	U
SEE09141135PML1	9/14/2010	Benzene	36	ug/Kg	U
SEE09101022PML1	9/10/2010	Benzene	36	ug/Kg	U
SEE10171115JDF1	10/17/2010	Benzene	35	ug/Kg	U
SEE08311420PML1	8/31/2010	Benzene	35	ug/Kg	U
SEE08311420PML1	8/31/2010	Benzene	35	ug/Kg	U
SEE08271215PML1	8/27/2010	Benzene	35	ug/kg	U
SEE10141015JDF1	10/14/2010	Benzene	34	ug/Kg	U
SEE10041530JDF1	10/4/2010	Benzene	34	ug/Kg	U
SEE09121105RCM1	9/12/2010	Benzene	34	ug/Kg	U
SEE09011545PML1	9/1/2010	Benzene	34	ug/Kg	U
SEE08301550PML1	8/30/2010	Benzene	34	ug/Kg	U
SEE10181210JDF1	10/18/2010	Benzene	33	ug/Kg	U
SEE10181430JWP1	10/18/2010	Benzene	33	ug/Kg	U
SEE10181510JDF1	10/18/2010	Benzene	33	ug/Kg	U
SEE10181510JDF1	10/18/2010	Benzene	33	ug/Kg	U
SEE10131150JDF1	10/13/2010	Benzene	33	ug/Kg	U
SEE10101010PML1	10/10/2010	Benzene	33	ug/Kg	U
SEE10101215PML1	10/10/2010	Benzene	33	ug/Kg	U
SEE10101215PML1	10/10/2010	Benzene	33	ug/Kg	U
SEE09140945PML1	9/14/2010	Benzene	33	ug/Kg	U
SEE09061525MHS1	9/6/2010	Benzene	33	ug/Kg	U
SEE09051130PML1	9/5/2010	Benzene	33	ug/Kg	U
SEE09031100PML1	9/3/2010	Benzene	33	ug/Kg	U
SEE09021010PML1	9/2/2010	Benzene	33	ug/Kg	U
SEE08281630RCM1	8/28/2010	Benzene	33	ug/kg	U
SEE10031115JDF1	10/3/2010	Benzene	32	ug/Kg	U
SEE10031115JDF1	10/3/2010	Benzene	32	ug/Kg	U

**TABLE B-2b**  
**Upstream Sediment Samples (Morrow Lake)**

Sample ID	Sample Date	Analyte	Result	Unit	Data Qualifier
SEE09301205RCM1	9/30/2010	Benzene	32	ug/Kg	U
SEE09301255JDF1	9/30/2010	Benzene	32	ug/Kg	U
SEE09231645JDF1	9/23/2010	Benzene	32	ug/Kg	U
SEE09141515PML1	9/14/2010	Benzene	32	ug/Kg	U
SEE09101625PML1	9/10/2010	Benzene	32	ug/Kg	U
SEE09091005RCM1	9/9/2010	Benzene	32	ug/Kg	U
SEE09061105PML1	9/6/2010	Benzene	32	ug/Kg	U
SEE09031650PML1	9/3/2010	Benzene	32	ug/Kg	U
SEE09031650PML1	9/3/2010	Benzene	32	ug/Kg	U
SEE10081231PML1	10/8/2010	Benzene	31	ug/Kg	U
SEE09231210JDF1	9/23/2010	Benzene	31	ug/Kg	U
SEE09161045PML1	9/16/2010	Benzene	31	ug/Kg	U
SEE09081205PML1	9/8/2010	Benzene	31	ug/Kg	U
SEE09071050PML1	9/7/2010	Benzene	31	ug/Kg	U
SEE08301145MHS1	8/30/2010	Benzene	31	ug/Kg	U
SEE10161115ARM1	10/16/2010	Benzene	30	ug/Kg	U
SEE10120930JDF1	10/12/2010	Benzene	30	ug/Kg	U
SEE10071101PML1	10/7/2010	Benzene	30	ug/Kg	U
SEE09261625JDF1	9/26/2010	Benzene	30	ug/Kg	U
SEE09261625JDF1	9/26/2010	Benzene	30	ug/Kg	U
SEE09131445RCM1	9/13/2010	Benzene	30	ug/Kg	U
SEE09121055PML1	9/12/2010	Benzene	30	ug/Kg	U
SEE09121055PML1	9/12/2010	Benzene	30	ug/Kg	U
SEE09121436RCM1	9/12/2010	Benzene	30	ug/Kg	U
SEE09091410RCM1	9/9/2010	Benzene	30	ug/Kg	U
SEE09011050PML1	9/1/2010	Benzene	30	ug/Kg	U
SEE10081051RCM1	10/8/2010	Benzene	29	ug/Kg	U
SEE10061640PML1	10/6/2010	Benzene	29	ug/Kg	U
SEE10061640PML1	10/6/2010	Benzene	29	ug/Kg	U
SEE10051653PML1	10/5/2010	Benzene	29	ug/Kg	U
SEE09261215JDF1	9/26/2010	Benzene	29	ug/Kg	U
SEE09231130ARM1	9/23/2010	Benzene	29	ug/Kg	U
SEE09191040PML1	9/19/2010	Benzene	29	ug/Kg	U
SEE09131026RCM1	9/13/2010	Benzene	29	ug/Kg	U
SEE09131505PML1	9/13/2010	Benzene	29	ug/Kg	U
SEE09040950PML1	9/4/2010	Benzene	29	ug/Kg	U
SEE10011120JDF1	10/1/2010	Benzene	28	ug/Kg	U
SEE09211155JDF1	9/21/2010	Benzene	28	ug/Kg	U
SEE09171415PML1	9/17/2010	Benzene	28	ug/Kg	U
SEE09151145PML1	9/15/2010	Benzene	28	ug/Kg	U
SEE09151145PML1	9/15/2010	Benzene	28	ug/Kg	U
SEE09131620PML1	9/13/2010	Benzene	28	ug/Kg	U
SEE09121450PML1	9/12/2010	Benzene	28	ug/Kg	U
SEE09091515PML1	9/9/2010	Benzene	28	ug/Kg	U
SEE09081010PML1	9/8/2010	Benzene	28	ug/Kg	U
SEE09081020RCM1	9/8/2010	Benzene	28	ug/Kg	U
SEE09011255PML1	9/1/2010	Benzene	28	ug/Kg	U
SEE08301015JRP1	8/30/2010	Benzene	28	ug/Kg	U
SEE08261420RCM1	8/26/2010	Benzene	28	ug/kg	U
SEE10091614PML1	10/9/2010	Benzene	27	ug/Kg	U
SEE10061205PML1	10/6/2010	Benzene	27	ug/Kg	U
SEE10041150JDF1	10/4/2010	Benzene	27	ug/Kg	U
SEE09251135JDF1	9/25/2010	Benzene	27	ug/Kg	U
SEE09221440JDF1	9/22/2010	Benzene	27	ug/Kg	U
SEE09170839RCM1	9/17/2010	Benzene	27	ug/Kg	U
SEE09151015PML1	9/15/2010	Benzene	27	ug/Kg	U
SEE08291110PML1	8/29/2010	Benzene	27	ug/kg	U
SEE10141150JDF1	10/14/2010	Benzene	26	ug/Kg	U
SEE10141550JDF1	10/14/2010	Benzene	26	ug/Kg	U
SEE10141550JDF1	10/14/2010	Benzene	26	ug/Kg	U

**TABLE B-2b**  
**Upstream Sediment Samples (Morrow Lake)**

Sample ID	Sample Date	Analyte	Result	Unit	Data Qualifier
SEE10121155JDF1	10/12/2010	Benzene	26	ug/Kg	U
SEE09271130JDF1	9/27/2010	Benzene	26	ug/Kg	U
SEE09131125PML1	9/13/2010	Benzene	26	ug/Kg	U
SEE09091010PML1	9/9/2010	Benzene	26	ug/Kg	U
SEE09091145PML1	9/9/2010	Benzene	26	ug/Kg	U
SEE09091410PML1	9/9/2010	Benzene	26	ug/Kg	U
SEE09061130MHS1	9/6/2010	Benzene	26	ug/Kg	U
SEE09011145PML1	9/1/2010	Benzene	26	ug/Kg	U
SEE08301638MHS1	8/30/2010	Benzene	26	ug/Kg	U
SEE10151055ARM1	10/15/2010	Benzene	25	ug/Kg	U
SEE10121415ARM1	10/12/2010	Benzene	25	ug/Kg	U
SEE10111125JDF1	10/11/2010	Benzene	25	ug/Kg	U
SEE10031425JDF1	10/3/2010	Benzene	25	ug/Kg	U
SEE09291035JDF1	9/29/2010	Benzene	25	ug/Kg	U
SEE09220935RCM1	9/22/2010	Benzene	25	ug/Kg	U
SEE09111015PML1	9/11/2010	Benzene	25	ug/Kg	U
SEE09051015PML1	9/5/2010	Benzene	25	ug/Kg	U
SEE08301445JRP1	8/30/2010	Benzene	25	ug/Kg	U
SEE10161415JDF1	10/16/2010	Benzene	24	ug/Kg	U
SEE10040945JDF1	10/4/2010	Benzene	24	ug/Kg	U
SEE09230955RCM1	9/23/2010	Benzene	24	ug/Kg	U
SEE09211530JDF1	9/21/2010	Benzene	24	ug/Kg	U
SEE09170945PML1	9/17/2010	Benzene	24	ug/Kg	U
SEE09171125PML1	9/17/2010	Benzene	24	ug/Kg	U
SEE09130955JRP1	9/13/2010	Benzene	24	ug/Kg	U
SEE09091605PML1	9/9/2010	Benzene	24	ug/Kg	U
SEE09041350PML1	9/4/2010	Benzene	24	ug/Kg	U
SEE10071205PML1	10/7/2010	Benzene	23	ug/Kg	U
SEE10071540PML1	10/7/2010	Benzene	23	ug/Kg	U
SEE10041335JDF1	10/4/2010	Benzene	23	ug/Kg	U
SEE09271025ARM1	9/27/2010	Benzene	23	ug/Kg	U
SEE09171530PML1	9/17/2010	Benzene	23	ug/Kg	U
SEE09051430PML1	9/5/2010	Benzene	23	ug/Kg	U
SEE08271500PML1	8/27/2010	Benzene	23	ug/kg	U
SEE10150945JDF1	10/15/2010	Benzene	22	ug/Kg	U
SEE10111011JDF1	10/11/2010	Benzene	22	ug/Kg	U
SEE10111350JDF1	10/11/2010	Benzene	22	ug/Kg	U
SEE10061051RCM1	10/6/2010	Benzene	22	ug/Kg	U
SEE10041355ARM1	10/4/2010	Benzene	22	ug/Kg	U
SEE09271515JDF1	9/27/2010	Benzene	22	ug/Kg	U
SEE09221105JDF1	9/22/2010	Benzene	22	ug/Kg	U
SEE09130940PML1	9/13/2010	Benzene	22	ug/Kg	U
SEE08281215PML1	8/28/2010	Benzene	22	ug/kg	U
SEE10121030JDF1	10/12/2010	Benzene	21	ug/Kg	U
SEE09290925JDF1	9/29/2010	Benzene	21	ug/Kg	U
SEE09091025JRP1	9/9/2010	Benzene	21	ug/Kg	U
SEE09011635PML1	9/1/2010	Benzene	21	ug/Kg	U
SEE08301520JRP1	8/30/2010	Benzene	21	ug/Kg	U
SEE08281420TWH1	8/28/2010	Benzene	21	ug/kg	U
SEE08261445JRP1	8/26/2010	Benzene	21	ug/Kg	U
SEE10161055JDF1	10/16/2010	Benzene	20	ug/Kg	U
SEE10151355ARM1	10/15/2010	Benzene	20	ug/Kg	U
SEE10071415ARM1	10/7/2010	Benzene	20	ug/Kg	U
SEE09031140MHS1	9/3/2010	Benzene	20	ug/Kg	U
SEE08291421KAP1	8/29/2010	Benzene	20	ug/kg	U
SEE08271145RCM1	8/27/2010	Benzene	20	ug/kg	U
SEE10041050JDF1	10/4/2010	Benzene	19	ug/Kg	U
SEE09301255MAE1	9/30/2010	Benzene	19	ug/Kg	U
SEE09291645JDF1	9/29/2010	Benzene	19	ug/Kg	U
SEE09051550MHS1	9/5/2010	Benzene	19	ug/Kg	U

**TABLE B-2b**  
**Upstream Sediment Samples (Morrow Lake)**

Sample ID	Sample Date	Analyte	Result	Unit	Data Qualifier
SEE09031645MHS1	9/3/2010	Benzene	19	ug/Kg	U
SEE10041138RCM1	10/4/2010	Benzene	18	ug/Kg	U
SEE09221615JDF1	9/22/2010	Benzene	18	ug/Kg	U
SEE09191445RCM1	9/19/2010	Benzene	18	ug/Kg	U
SEE08311010JRP1	8/31/2010	Benzene	18	ug/Kg	U
SEE09250905RCM1	9/25/2010	Benzene	17	ug/Kg	U
SEE09200911RCM1	9/20/2010	Benzene	17	ug/Kg	U
SEE09090900JRP1	9/9/2010	Benzene	17	ug/Kg	U
SEE09011545MHS1	9/1/2010	Benzene	17	ug/Kg	U
SEE08281510TWH1	8/28/2010	Benzene	17	ug/kg	U
SEE10170915JDF1	10/17/2010	Benzene	16	ug/Kg	U
SEE09291135JDF1	9/29/2010	Benzene	16	ug/Kg	U
SEE09260930RCM1	9/26/2010	Benzene	16	ug/Kg	U
SEE09201110ARM1	9/20/2010	Benzene	15	ug/Kg	U
SEE08301530JAW1	8/30/2010	Benzene	15	ug/Kg	U
SEE08291550KAP1	8/29/2010	Benzene	15	ug/kg	U
SEE10071151RCM1	10/7/2010	Benzene	14	ug/Kg	U
SEE09211112RCM1	9/21/2010	Benzene	14	ug/Kg	U
SEE08311348MHS1	8/31/2010	Benzene	14	ug/Kg	U
SEE08300920JRP1	8/30/2010	Benzene	14	ug/Kg	U
SEE08261620RCM1	8/26/2010	Benzene	14	ug/kg	U
SEE10141025ARM1	10/14/2010	Benzene	12	ug/Kg	U
SEE09130915JRP1	9/13/2010	Benzene	12	ug/Kg	U
SEE10091200ARM1	10/9/2010	Benzene	11	ug/Kg	U
SEE09291023RCM1	9/29/2010	Benzene	11	ug/Kg	U
SEE09171445RCM1	9/17/2010	Benzene	11	ug/Kg	U
SEE09161035RCM1	9/16/2010	Benzene	11	ug/Kg	U
SEE09141312RCM1	9/14/2010	Benzene	10	ug/Kg	U
SEE08291445PML1	8/29/2010	Benzene	10	ug/kg	U
SEE08291354KAP1	8/29/2010	Benzene	9.3	ug/kg	U
SEE10051415ARM1	10/5/2010	Benzene	8.7	ug/Kg	U
SEE09061610JAW1	9/6/2010	Benzene	8.5	ug/Kg	U
SEE10011125ARM1	10/1/2010	Benzene	8.2	ug/Kg	U
SEE08261700JRP1	8/26/2010	Benzene	8.2	ug/Kg	U
SEE09051500MHS1	9/5/2010	Benzene	8.0	ug/Kg	U
SEE10171535ARM1	10/17/2010	Benzene	7.9	ug/Kg	U
SEE09231035ARM1	9/23/2010	Benzene	7.9	ug/Kg	U
SEE09171200ARM1	9/17/2010	Benzene	7.9	ug/Kg	U
SEE08271614TWH1	8/27/2010	Benzene	7.8	ug/kg	U
SEE10081035ARM1	10/8/2010	Benzene	7.6	ug/Kg	U
SEE08271652TWH1	8/27/2010	Benzene	7.6	ug/kg	U
SEE09100945RCM1	9/10/2010	Benzene	7.5	ug/Kg	U
SEE09211120ARM1	9/21/2010	Benzene	7.4	ug/Kg	U
SEB09011143JLS1	9/1/2010	Benzene	7.1	ug/Kg	U
SEE08301410JRP1	8/30/2010	Benzene	7.0	ug/Kg	U
SEE09281445RCM1	9/28/2010	Benzene	6.5	ug/Kg	U
SEE08271536TWH1	8/27/2010	Benzene	6.3	ug/kg	U
SEE09271500ARM1	9/27/2010	Benzene	6.2	ug/Kg	U
SEE09170935RCM1	9/17/2010	Benzene	6.1	ug/Kg	U
SEF10011045TDF1	10/1/2010	Benzene	6.0	ug/Kg	U
SEE09150915JRP1	9/15/2010	Benzene	6.0	ug/Kg	U
SEE10011043RCM1	10/1/2010	Benzene	5.8	ug/Kg	U
SEE09290915MAE1	9/29/2010	Benzene	5.8	ug/Kg	U
SEE10131035ARM1	10/13/2010	Benzene	5.5	ug/Kg	U
SEE10071045ARM1	10/7/2010	Benzene	5.5	ug/Kg	U
SEE10041045ARM1	10/4/2010	Benzene	5.5	ug/Kg	U
SEF10151030PMB3	10/15/2010	Benzene	5.4	ug/Kg	U
SEF10081108TDF3	10/8/2010	Benzene	5.4	ug/Kg	U
SEE09251235ARM1	9/25/2010	Benzene	5.4	ug/Kg	U
SEE08281540JRP1	8/28/2010	Benzene	5.4	ug/kg	U



**TABLE B-2b**  
**Upstream Sediment Samples (Morrow Lake)**

Sample ID	Sample Date	Analyte	Result	Unit	Data Qualifier
SEF10051206TDF3	10/5/2010	Benzene	5.3	ug/Kg	U
SEE09140945JRP1	9/14/2010	Benzene	5.3	ug/Kg	U
SEE09080930JRP1	9/8/2010	Benzene	5.3	ug/Kg	U
SEE09011515JAW1	9/1/2010	Benzene	5.3	ug/Kg	U
SEE08301100JRP1	8/30/2010	Benzene	5.3	ug/Kg	U
SEE10121040ARM1	10/12/2010	Benzene	5.2	ug/Kg	U
SEF10121130PMB3	10/12/2010	Benzene	5.2	ug/Kg	U
SEE09221045ARM1	9/22/2010	Benzene	5.2	ug/Kg	U
SEE09100920JRP1	9/10/2010	Benzene	5.1	ug/Kg	U
SEB08281400JLS1	8/28/2010	Benzene	5.1	ug/kg	U
SEE09301025MAE1	9/30/2010	Benzene	5.0	ug/Kg	U
SEE09051500JAW1	9/5/2010	Benzene	5.0	ug/Kg	U
SEE10051145RCM1	10/5/2010	Benzene	4.9	ug/Kg	U
SEE09070930JRP1	9/7/2010	Benzene	4.9	ug/Kg	U
SEE10061135ARM1	10/6/2010	Benzene	4.8	ug/Kg	U
SEE10181030JWP1	10/18/2010	Benzene	4.6	ug/Kg	U
SEF09281139TDF1	9/28/2010	Benzene	4.3	ug/Kg	U
SEE09231205RCM1	9/23/2010	Benzene	3.3	ug/Kg	U
SEE08271445JRP1	8/27/2010	Benzene	2.8	ug/kg	U
ML-07-S-082510	8/25/2010	Benzene	0.73	mg/Kg	U
ML-03-S-082510	8/25/2010	Benzene	0.43	mg/Kg	U
ML-06-S-082510	8/25/2010	Benzene	0.42	mg/Kg	U
ML-07-S-082410	8/24/2010	Benzene	0.41	mg/Kg	UJ
ML-06-S-082010	8/20/2010	Benzene	0.38	mg/Kg	U
ML-08-S-082510	8/25/2010	Benzene	0.37	mg/Kg	U
ML-08-S-082410	8/24/2010	Benzene	0.37	mg/Kg	UJ
ML-06-S-082310	8/23/2010	Benzene	0.37	mg/Kg	U
ML-07-S-082110	8/21/2010	Benzene	0.37	mg/Kg	U
ML-08-S-082110	8/21/2010	Benzene	0.37	mg/Kg	U
ML-10-S-082110	8/21/2010	Benzene	0.37	mg/Kg	U
ML-10-S-082110	8/21/2010	Benzene	0.37	mg/Kg	U
ML-10-S-081910	8/19/2010	Benzene	0.37	mg/Kg	U
ML-10-S-081910	8/19/2010	Benzene	0.37	mg/Kg	U
ML-07-S-081810	8/18/2010	Benzene	0.37	mg/Kg	UJ
ML-09-S-081810	8/18/2010	Benzene	0.37	mg/Kg	UJ
ML-10-S-082410	8/24/2010	Benzene	0.36	mg/Kg	UJ
ML-10-S-082410	8/24/2010	Benzene	0.36	mg/Kg	UJ
ML-01-S-081610	8/16/2010	Benzene	0.35	mg/Kg	U
ML-10-S-081610	8/16/2010	Benzene	0.35	mg/Kg	U
ML-10-S-081610	8/16/2010	Benzene	0.35	mg/Kg	U
ML-04-S-082410	8/24/2010	Benzene	0.34	mg/Kg	UJ
ML-03-S-082310	8/23/2010	Benzene	0.34	mg/Kg	U
ML-10-S-082110-D	8/21/2010	Benzene	0.34	mg/Kg	U
ML-10-S-082110-D	8/21/2010	Benzene	0.34	mg/Kg	U
ML-07-S-081610	8/16/2010	Benzene	0.34	mg/Kg	U
ML-08-S-081610-D	8/16/2010	Benzene	0.34	mg/Kg	U
ML-04-S-082610	8/26/2010	Benzene	0.33	mg/Kg	U
ML-05-S-082310	8/23/2010	Benzene	0.33	mg/Kg	U
ML-05-S-082010	8/20/2010	Benzene	0.33	mg/Kg	U
ML-10-S-082610	8/26/2010	Benzene	0.32	mg/Kg	U
ML-10-S-082610	8/26/2010	Benzene	0.32	mg/Kg	U
ML-06-S-081710	8/17/2010	Benzene	0.32	mg/Kg	U
ML-08-S-081610	8/16/2010	Benzene	0.32	mg/Kg	U
ML-01-S-082510	8/25/2010	Benzene	0.31	mg/Kg	U
ML-09-S-082510	8/25/2010	Benzene	0.31	mg/Kg	U
ML-09-S-082410	8/24/2010	Benzene	0.31	mg/Kg	UJ
ML-02-S-081710	8/17/2010	Benzene	0.31	mg/Kg	U
ML-02-S-082510	8/25/2010	Benzene	0.28	mg/Kg	U
ML-09-S-082110	8/21/2010	Benzene	0.28	mg/Kg	U
ML-01-S-082110	8/21/2010	Benzene	0.27	mg/Kg	U

**TABLE B-2b**  
**Upstream Sediment Samples (Morrow Lake)**

Sample ID	Sample Date	Analyte	Result	Unit	Data Qualifier
ML-04-S-081710	8/17/2010	Benzene	0.27	mg/Kg	U
ML-05-S-081710	8/17/2010	Benzene	0.27	mg/Kg	U
ML-02-S-082310	8/23/2010	Benzene	0.25	mg/Kg	U
ML-04-S-082010	8/20/2010	Benzene	0.25	mg/Kg	U
ML-01-S-081910	8/19/2010	Benzene	0.25	mg/Kg	U
ML-02-S-082010	8/20/2010	Benzene	0.22	mg/Kg	U
ML-03-S-081610	8/16/2010	Benzene	0.22	mg/Kg	U
ML-03-S-082010	8/20/2010	Benzene	0.19	mg/Kg	U
ML-05-S-082610	8/26/2010	Benzene	0.17	mg/Kg	U
SEE09061610JAW1	9/6/2010	Benzo(a)anthracene	2500	ug/Kg	
SEE10041335JDF1	10/4/2010	Benzo(a)anthracene	2400	ug/Kg	
SEE10031425JDF1	10/3/2010	Benzo(a)anthracene	2100	ug/Kg	
SEE10121030JDF1	10/12/2010	Benzo(a)anthracene	1500	ug/Kg	
SEE10111350JDF1	10/11/2010	Benzo(a)anthracene	1500	ug/Kg	
SEE10091200ARM1	10/9/2010	Benzo(a)anthracene	1500	ug/Kg	J
SEE10071540PML1	10/7/2010	Benzo(a)anthracene	1500	ug/Kg	
SEE10041150JDF1	10/4/2010	Benzo(a)anthracene	1400	ug/Kg	
SEE09221615JDF1	9/22/2010	Benzo(a)anthracene	1400	ug/Kg	
SEE09131620PML1	9/13/2010	Benzo(a)anthracene	1400	ug/Kg	J
SEE09051430PML1	9/5/2010	Benzo(a)anthracene	1400	ug/Kg	
SEE10040945JDF1	10/4/2010	Benzo(a)anthracene	1300	ug/Kg	
SEE10171535ARM1	10/17/2010	Benzo(a)anthracene	1200	ug/Kg	
SEE10071205PML1	10/7/2010	Benzo(a)anthracene	1200	ug/Kg	
SEE09290925JDF1	9/29/2010	Benzo(a)anthracene	1200	ug/Kg	
SEE09271025ARM1	9/27/2010	Benzo(a)anthracene	1200	ug/Kg	
SEE09221105JDF1	9/22/2010	Benzo(a)anthracene	1200	ug/Kg	
SEE09130955JRP1	9/13/2010	Benzo(a)anthracene	1200	ug/Kg	
SEE09011255PML1	9/1/2010	Benzo(a)anthracene	1200	ug/Kg	
SEE10170915JDF1	10/17/2010	Benzo(a)anthracene	1100	ug/Kg	
SEE10071101PML1	10/7/2010	Benzo(a)anthracene	1100	ug/Kg	
SEE09301255MAE1	9/30/2010	Benzo(a)anthracene	1100	ug/Kg	
SEE09291035JDF1	9/29/2010	Benzo(a)anthracene	1100	ug/Kg	
SEE09171125PML1	9/17/2010	Benzo(a)anthracene	1100	ug/Kg	J
SEE09051015PML1	9/5/2010	Benzo(a)anthracene	1100	ug/Kg	
SEE09011635PML1	9/1/2010	Benzo(a)anthracene	1100	ug/Kg	
SEE10111011JDF1	10/11/2010	Benzo(a)anthracene	1000	ug/Kg	
SEE10061205PML1	10/6/2010	Benzo(a)anthracene	1000	ug/Kg	
SEE10041050JDF1	10/4/2010	Benzo(a)anthracene	1000	ug/Kg	
SEE09271130JDF1	9/27/2010	Benzo(a)anthracene	1000	ug/Kg	
SEE09271515JDF1	9/27/2010	Benzo(a)anthracene	1000	ug/Kg	
SEE10120930JDF1	10/12/2010	Benzo(a)anthracene	990	ug/Kg	
SEE10041355ARM1	10/4/2010	Benzo(a)anthracene	990	ug/Kg	
SEE09171530PML1	9/17/2010	Benzo(a)anthracene	990	ug/Kg	J
SEE09091605PML1	9/9/2010	Benzo(a)anthracene	990	ug/Kg	
SEE10111125JDF1	10/11/2010	Benzo(a)anthracene	940	ug/Kg	
SEE09031115JAW1	9/3/2010	Benzo(a)anthracene	940	ug/Kg	
SEE10081231PML1	10/8/2010	Benzo(a)anthracene	930	ug/Kg	
SEE09161045PML1	9/16/2010	Benzo(a)anthracene	900	ug/Kg	
SEE09131125PML1	9/13/2010	Benzo(a)anthracene	890	ug/Kg	
SEE09121450PML1	9/12/2010	Benzo(a)anthracene	860	ug/Kg	J
SEE09041350PML1	9/4/2010	Benzo(a)anthracene	850	ug/Kg	
SEE09201645ARM1	9/20/2010	Benzo(a)anthracene	830	ug/Kg	
SEE09011545PML1	9/1/2010	Benzo(a)anthracene	830	ug/Kg	
SEE09221440JDF1	9/22/2010	Benzo(a)anthracene	820	ug/Kg	
SEE09171415PML1	9/17/2010	Benzo(a)anthracene	820	ug/Kg	J
SEE09091025JRP1	9/9/2010	Benzo(a)anthracene	810	ug/Kg	
SEE09051130PML1	9/5/2010	Benzo(a)anthracene	790	ug/Kg	
SEE08301530JAW1	8/30/2010	Benzo(a)anthracene	760	ug/Kg	
SEE09130940PML1	9/13/2010	Benzo(a)anthracene	750	ug/Kg	
SEE09091515PML1	9/9/2010	Benzo(a)anthracene	750	ug/Kg	

**TABLE B-2b**  
**Upstream Sediment Samples (Morrow Lake)**

Sample ID	Sample Date	Analyte	Result	Unit	Data Qualifier
SEE10071415ARM1	10/7/2010	Benzo(a)anthracene	740	ug/Kg	
SEE09291135JDF1	9/29/2010	Benzo(a)anthracene	740	ug/Kg	
SEE09011145PML1	9/1/2010	Benzo(a)anthracene	730	ug/Kg	
SEE09131505PML1	9/13/2010	Benzo(a)anthracene	720	ug/Kg	
SEE09091410PML1	9/9/2010	Benzo(a)anthracene	680	ug/Kg	
SEE10161055JDF1	10/16/2010	Benzo(a)anthracene	670	ug/Kg	
SEE10161530JDF1	10/16/2010	Benzo(a)anthracene	670	ug/Kg	
SEE09231130ARM1	9/23/2010	Benzo(a)anthracene	670	ug/Kg	
SEE09040950PML1	9/4/2010	Benzo(a)anthracene	660	ug/Kg	
SEE09091145PML1	9/9/2010	Benzo(a)anthracene	650	ug/Kg	
SEE09211530JDF1	9/21/2010	Benzo(a)anthracene	630	ug/Kg	
SEE08271500PML1	8/27/2010	Benzo(a)anthracene	620	ug/kg	J
SEE09011050PML1	9/1/2010	Benzo(a)anthracene	600	ug/Kg	
SEE10131150JDF1	10/13/2010	Benzo(a)anthracene	590	ug/Kg	
SEE09301105JDF1	9/30/2010	Benzo(a)anthracene	590	ug/Kg	
SEE10051415ARM1	10/5/2010	Benzo(a)anthracene	580	ug/Kg	
SEE10061051RCM1	10/6/2010	Benzo(a)anthracene	570	ug/Kg	
SEE09301255JDF1	9/30/2010	Benzo(a)anthracene	570	ug/Kg	
SEE10151355ARM1	10/15/2010	Benzo(a)anthracene	560	ug/Kg	
SEE09211155JDF1	9/21/2010	Benzo(a)anthracene	560	ug/Kg	
SEE08301015JRP1	8/30/2010	Benzo(a)anthracene	560	ug/Kg	
SEE10121415ARM1	10/12/2010	Benzo(a)anthracene	550	ug/Kg	
SEE10051125PML1	10/5/2010	Benzo(a)anthracene	550	ug/Kg	
SEE09170945PML1	9/17/2010	Benzo(a)anthracene	550	ug/Kg	J
SEE09091010PML1	9/9/2010	Benzo(a)anthracene	550	ug/Kg	
SEE09081020RCM1	9/8/2010	Benzo(a)anthracene	540	ug/Kg	
SEE09011545MHS1	9/1/2010	Benzo(a)anthracene	540	ug/Kg	
SEE09061500PML1	9/6/2010	Benzo(a)anthracene	500	ug/Kg	
SEE10161115ARM1	10/16/2010	Benzo(a)anthracene	490	ug/Kg	
SEE10091401PML1	10/9/2010	Benzo(a)anthracene	490	ug/Kg	J
SEE10081051RCM1	10/8/2010	Benzo(a)anthracene	490	ug/Kg	
SEE09260930RCM1	9/26/2010	Benzo(a)anthracene	490	ug/Kg	
SEE09090900JRP1	9/9/2010	Benzo(a)anthracene	490	ug/Kg	
SEE09130915JRP1	9/13/2010	Benzo(a)anthracene	480	ug/Kg	
SEE09051550MHS1	9/5/2010	Benzo(a)anthracene	470	ug/Kg	
SEE09031645MHS1	9/3/2010	Benzo(a)anthracene	470	ug/Kg	
SEE10181035JDF1	10/18/2010	Benzo(a)anthracene	460	ug/Kg	
SEE10031115JDF1	10/3/2010	Benzo(a)anthracene	460	ug/Kg	
SEE10031115JDF1	10/3/2010	Benzo(a)anthracene	460	ug/Kg	
SEE10171410JDF1	10/17/2010	Benzo(a)anthracene	450	ug/Kg	
SEE08301130PML1	8/30/2010	Benzo(a)anthracene	450	ug/Kg	
SEE08301520JRP1	8/30/2010	Benzo(a)anthracene	450	ug/Kg	
SEE10161415JDF1	10/16/2010	Benzo(a)anthracene	440	ug/Kg	
SEE10141015JDF1	10/14/2010	Benzo(a)anthracene	440	ug/Kg	
SEE10081115PML1	10/8/2010	Benzo(a)anthracene	440	ug/Kg	
SEE09191445RCM1	9/19/2010	Benzo(a)anthracene	440	ug/Kg	
SEE09121436RCM1	9/12/2010	Benzo(a)anthracene	440	ug/Kg	J
SEE09021400PML1	9/2/2010	Benzo(a)anthracene	440	ug/Kg	
SEE10141550JDF1	10/14/2010	Benzo(a)anthracene	430	ug/Kg	
SEE10141550JDF1	10/14/2010	Benzo(a)anthracene	430	ug/Kg	
SEE10051653PML1	10/5/2010	Benzo(a)anthracene	430	ug/Kg	
SEE10041530JDF1	10/4/2010	Benzo(a)anthracene	420	ug/Kg	
SEE08281505PML1	8/28/2010	Benzo(a)anthracene	420	ug/kg	J
SEE09291023RCM1	9/29/2010	Benzo(a)anthracene	410	ug/Kg	
SEE09251135JDF1	9/25/2010	Benzo(a)anthracene	410	ug/Kg	
SEE08301445JRP1	8/30/2010	Benzo(a)anthracene	410	ug/Kg	
SEE10141150JDF1	10/14/2010	Benzo(a)anthracene	400	ug/Kg	
SEE09170839RCM1	9/17/2010	Benzo(a)anthracene	400	ug/Kg	J
SEE08301638MHS1	8/30/2010	Benzo(a)anthracene	400	ug/Kg	
SEE09021010PML1	9/2/2010	Benzo(a)anthracene	390	ug/Kg	

**TABLE B-2b**  
**Upstream Sediment Samples (Morrow Lake)**

Sample ID	Sample Date	Analyte	Result	Unit	Data Qualifier
SEE08301145MHS1	8/30/2010	Benzo(a)anthracene	390	ug/Kg	
SEE08291550KAP1	8/29/2010	Benzo(a)anthracene	390	ug/kg	J
SEE10171115JDF1	10/17/2010	Benzo(a)anthracene	380	ug/Kg	
SEE09121055PML1	9/12/2010	Benzo(a)anthracene	380	ug/Kg	J
SEE09121055PML1	9/12/2010	Benzo(a)anthracene	380	ug/Kg	J
SEE09061130MHS1	9/6/2010	Benzo(a)anthracene	380	ug/Kg	
SEE10141555ARM1	10/14/2010	Benzo(a)anthracene	370	ug/Kg	
SEE10121155JDF1	10/12/2010	Benzo(a)anthracene	370	ug/Kg	
SEE10101215PML1	10/10/2010	Benzo(a)anthracene	370	ug/Kg	
SEE10101215PML1	10/10/2010	Benzo(a)anthracene	370	ug/Kg	
SEE09030925PML1	9/3/2010	Benzo(a)anthracene	370	ug/Kg	
SEE09141515PML1	9/14/2010	Benzo(a)anthracene	360	ug/Kg	
SEE09061525MHS1	9/6/2010	Benzo(a)anthracene	360	ug/Kg	
SEE08271614TWH1	8/27/2010	Benzo(a)anthracene	360	ug/kg	J
SEE10091614PML1	10/9/2010	Benzo(a)anthracene	350	ug/Kg	J
SEE10071042RCM1	10/7/2010	Benzo(a)anthracene	350	ug/Kg	
SEE10041138RCM1	10/4/2010	Benzo(a)anthracene	350	ug/Kg	
SEE10011120JDF1	10/1/2010	Benzo(a)anthracene	350	ug/Kg	
SEE09261625JDF1	9/26/2010	Benzo(a)anthracene	350	ug/Kg	
SEE09261625JDF1	9/26/2010	Benzo(a)anthracene	350	ug/Kg	
SEE09151145PML1	9/15/2010	Benzo(a)anthracene	350	ug/Kg	
SEE09151145PML1	9/15/2010	Benzo(a)anthracene	350	ug/Kg	
SEE09131026RCM1	9/13/2010	Benzo(a)anthracene	350	ug/Kg	
SEE08281215PML1	8/28/2010	Benzo(a)anthracene	350	ug/kg	J
SEE10151055ARM1	10/15/2010	Benzo(a)anthracene	340	ug/Kg	
SEE09261215JDF1	9/26/2010	Benzo(a)anthracene	340	ug/Kg	
SEE09141135PML1	9/14/2010	Benzo(a)anthracene	340	ug/Kg	
SEE08300920JRP1	8/30/2010	Benzo(a)anthracene	340	ug/Kg	
SEE10181210JDF1	10/18/2010	Benzo(a)anthracene	330	ug/Kg	
SEE09181235PML1	9/18/2010	Benzo(a)anthracene	330	ug/Kg	
SEE09121105RCM1	9/12/2010	Benzo(a)anthracene	330	ug/Kg	J
SEE08271215PML1	8/27/2010	Benzo(a)anthracene	330	ug/kg	J
SEE09220935RCM1	9/22/2010	Benzo(a)anthracene	320	ug/Kg	
SEE09140945PML1	9/14/2010	Benzo(a)anthracene	320	ug/Kg	
SEE09111015PML1	9/11/2010	Benzo(a)anthracene	320	ug/Kg	J
SEE09191040PML1	9/19/2010	Benzo(a)anthracene	310	ug/Kg	
SEE09081205PML1	9/8/2010	Benzo(a)anthracene	310	ug/Kg	
SEE10181430JWP1	10/18/2010	Benzo(a)anthracene	300	ug/Kg	
SEE10181510JDF1	10/18/2010	Benzo(a)anthracene	300	ug/Kg	
SEE10181510JDF1	10/18/2010	Benzo(a)anthracene	300	ug/Kg	
SEE09181705PML1	9/18/2010	Benzo(a)anthracene	300	ug/Kg	
SEE09161035RCM1	9/16/2010	Benzo(a)anthracene	300	ug/Kg	
SEE09081010PML1	9/8/2010	Benzo(a)anthracene	300	ug/Kg	
SEE08301550PML1	8/30/2010	Benzo(a)anthracene	300	ug/Kg	
SEE08311045PML1	8/31/2010	Benzo(a)anthracene	290	ug/Kg	
SEE08281630RCM1	8/28/2010	Benzo(a)anthracene	290	ug/kg	J
SEE10150945JDF1	10/15/2010	Benzo(a)anthracene	280	ug/Kg	
SEE09250905RCM1	9/25/2010	Benzo(a)anthracene	280	ug/Kg	
SEE09201115RCM1	9/20/2010	Benzo(a)anthracene	280	ug/Kg	
SEE09071050PML1	9/7/2010	Benzo(a)anthracene	280	ug/Kg	J
SEE08311420PML1	8/31/2010	Benzo(a)anthracene	280	ug/Kg	
SEE08311420PML1	8/31/2010	Benzo(a)anthracene	280	ug/Kg	
SEE09061105PML1	9/6/2010	Benzo(a)anthracene	270	ug/Kg	
SEE09131445RCM1	9/13/2010	Benzo(a)anthracene	260	ug/Kg	
SEE09031140MHS1	9/3/2010	Benzo(a)anthracene	260	ug/Kg	
SEE09031650PML1	9/3/2010	Benzo(a)anthracene	260	ug/Kg	
SEE09031650PML1	9/3/2010	Benzo(a)anthracene	260	ug/Kg	
SEE09200945PML1	9/20/2010	Benzo(a)anthracene	250	ug/Kg	
SEE09200945PML1	9/20/2010	Benzo(a)anthracene	250	ug/Kg	
SEE09191530PML1	9/19/2010	Benzo(a)anthracene	250	ug/Kg	

**TABLE B-2b**  
**Upstream Sediment Samples (Morrow Lake)**

Sample ID	Sample Date	Analyte	Result	Unit	Data Qualifier
SEE10061640PML1	10/6/2010	Benzo(a)anthracene	240	ug/Kg	
SEE10061640PML1	10/6/2010	Benzo(a)anthracene	240	ug/Kg	
SEE09291645JDF1	9/29/2010	Benzo(a)anthracene	240	ug/Kg	
SEE09101625PML1	9/10/2010	Benzo(a)anthracene	230	ug/Kg	J
SEE08281607TWH1	8/28/2010	Benzo(a)anthracene	230	ug/kg	J
SEE10101010PML1	10/10/2010	Benzo(a)anthracene	220	ug/Kg	
SEE09101215PML1	9/10/2010	Benzo(a)anthracene	220	ug/Kg	J
SEE09091005RCM1	9/9/2010	Benzo(a)anthracene	210	ug/Kg	
SEE09031100PML1	9/3/2010	Benzo(a)anthracene	210	ug/Kg	
SEE08261445JRP1	8/26/2010	Benzo(a)anthracene	210	ug/Kg	
SEE10191515JDF1	10/19/2010	Benzo(a)anthracene	200	ug/Kg	
SEE08291421KAP1	8/29/2010	Benzo(a)anthracene	200	ug/kg	J
SEE09231645JDF1	9/23/2010	Benzo(a)anthracene	190	ug/Kg	
SEE09101022PML1	9/10/2010	Benzo(a)anthracene	190	ug/Kg	J
SEE09091410RCM1	9/9/2010	Benzo(a)anthracene	190	ug/Kg	
SEE10211035JDF1	10/21/2010	Benzo(a)anthracene	180	ug/Kg	UJ
SEE09211112RCM1	9/21/2010	Benzo(a)anthracene	180	ug/Kg	
SEE09171445RCM1	9/17/2010	Benzo(a)anthracene	180	ug/Kg	J
SEE08291354KAP1	8/29/2010	Benzo(a)anthracene	180	ug/kg	J
SEE08281420TWH1	8/28/2010	Benzo(a)anthracene	180	ug/kg	J
SEE08281510TWH1	8/28/2010	Benzo(a)anthracene	180	ug/kg	J
SEE10221110JDF1	10/22/2010	Benzo(a)anthracene	160	ug/Kg	U
SEE10221110JDF1	10/22/2010	Benzo(a)anthracene	160	ug/Kg	U
SEE10211430JDF1	10/21/2010	Benzo(a)anthracene	160	ug/Kg	U
SEE10191005JDF1	10/19/2010	Benzo(a)anthracene	160	ug/Kg	U
SEE10121040ARM1	10/12/2010	Benzo(a)anthracene	160	ug/Kg	
SEE09141312RCM1	9/14/2010	Benzo(a)anthracene	160	ug/Kg	
SEE08271652TWH1	8/27/2010	Benzo(a)anthracene	160	ug/kg	J
SEE08261420RCM1	8/26/2010	Benzo(a)anthracene	160	ug/kg	J
SEE10191415JDF1	10/19/2010	Benzo(a)anthracene	150	ug/Kg	U
SEE09301205RCM1	9/30/2010	Benzo(a)anthracene	150	ug/Kg	
SEE09290915MAE1	9/29/2010	Benzo(a)anthracene	150	ug/Kg	
SEE10211010JWP1	10/21/2010	Benzo(a)anthracene	140	ug/Kg	U
SEE10191100JDF1	10/19/2010	Benzo(a)anthracene	140	ug/Kg	J
SEE10061135ARM1	10/6/2010	Benzo(a)anthracene	140	ug/Kg	
SEE09151015PML1	9/15/2010	Benzo(a)anthracene	140	ug/Kg	
SEE10221055DWS1	10/22/2010	Benzo(a)anthracene	130	ug/Kg	U
SEE10191010JWP1	10/19/2010	Benzo(a)anthracene	130	ug/Kg	U
SEE10011125ARM1	10/1/2010	Benzo(a)anthracene	130	ug/Kg	
SEE09230955RCM1	9/23/2010	Benzo(a)anthracene	130	ug/Kg	J
SEE10071045ARM1	10/7/2010	Benzo(a)anthracene	120	ug/Kg	
SEF10011045TDF1	10/1/2010	Benzo(a)anthracene	120	ug/Kg	
SEE09231210JDF1	9/23/2010	Benzo(a)anthracene	120	ug/Kg	J
SEE08311348MHS1	8/31/2010	Benzo(a)anthracene	120	ug/Kg	
SEE08271145RCM1	8/27/2010	Benzo(a)anthracene	120	ug/kg	J
SEE10191115JWP1	10/19/2010	Benzo(a)anthracene	110	ug/Kg	
SEE08311010JRP1	8/31/2010	Benzo(a)anthracene	110	ug/Kg	
SEE09201110ARM1	9/20/2010	Benzo(a)anthracene	100	ug/Kg	
SEE10071151RCM1	10/7/2010	Benzo(a)anthracene	98	ug/Kg	
SEE09140945JRP1	9/14/2010	Benzo(a)anthracene	98	ug/Kg	
SEE10221450DWS1	10/22/2010	Benzo(a)anthracene	94	ug/Kg	
SEE08261620RCM1	8/26/2010	Benzo(a)anthracene	90	ug/kg	J
SEE08261700JRP1	8/26/2010	Benzo(a)anthracene	90	ug/Kg	
SEE08291445PML1	8/29/2010	Benzo(a)anthracene	89	ug/kg	J
SEE09271500ARM1	9/27/2010	Benzo(a)anthracene	87	ug/Kg	
SEE10191155JDF1	10/19/2010	Benzo(a)anthracene	86	ug/Kg	J
SEE10141025ARM1	10/14/2010	Benzo(a)anthracene	85	ug/Kg	
SEE09150915JRP1	9/15/2010	Benzo(a)anthracene	81	ug/Kg	
SEE10211345JWP1	10/21/2010	Benzo(a)anthracene	62	ug/Kg	U
SEE09171200ARM1	9/17/2010	Benzo(a)anthracene	60	ug/Kg	J

**TABLE B-2b**  
**Upstream Sediment Samples (Morrow Lake)**

Sample ID	Sample Date	Analyte	Result	Unit	Data Qualifier
SEE08281540JRP1	8/28/2010	Benzo(a)anthracene	57	ug/kg	J
SEE09301025MAE1	9/30/2010	Benzo(a)anthracene	55	ug/Kg	
SEE09051500MHS1	9/5/2010	Benzo(a)anthracene	55	ug/Kg	J
SEE09211120ARM1	9/21/2010	Benzo(a)anthracene	53	ug/Kg	
SEE09100945RCM1	9/10/2010	Benzo(a)anthracene	52	ug/Kg	UJ
SEE09251235ARM1	9/25/2010	Benzo(a)anthracene	51	ug/Kg	
SEE08271445JRP1	8/27/2010	Benzo(a)anthracene	50	ug/kg	J
SEE09231035ARM1	9/23/2010	Benzo(a)anthracene	49	ug/Kg	
SEE08291110PML1	8/29/2010	Benzo(a)anthracene	49	ug/kg	J
SEF10221050MAE3	10/22/2010	Benzo(a)anthracene	46	ug/Kg	U
SEE09200911RCM1	9/20/2010	Benzo(a)anthracene	46	ug/Kg	U
SEF10191135NAC3	10/19/2010	Benzo(a)anthracene	44	ug/Kg	U
SEE09281445RCM1	9/28/2010	Benzo(a)anthracene	44	ug/Kg	U
SEF10081108TDF3	10/8/2010	Benzo(a)anthracene	43	ug/Kg	U
SEE10011043RCM1	10/1/2010	Benzo(a)anthracene	43	ug/Kg	U
SEE09100920JRP1	9/10/2010	Benzo(a)anthracene	43	ug/Kg	J
SEF10151030PMB3	10/15/2010	Benzo(a)anthracene	42	ug/Kg	U
SEF10121130PMB3	10/12/2010	Benzo(a)anthracene	42	ug/Kg	U
SEB09011143JLS1	9/1/2010	Benzo(a)anthracene	42	ug/Kg	U
SEE10051145RCM1	10/5/2010	Benzo(a)anthracene	40	ug/Kg	U
SEE09221045ARM1	9/22/2010	Benzo(a)anthracene	40	ug/Kg	U
SEE09080930JRP1	9/8/2010	Benzo(a)anthracene	40	ug/Kg	U
SEE09011515JAW1	9/1/2010	Benzo(a)anthracene	40	ug/Kg	U
SEF09281139TDF1	9/28/2010	Benzo(a)anthracene	39	ug/Kg	U
SEE10181030JWP1	10/18/2010	Benzo(a)anthracene	37	ug/Kg	U
SEE10041045ARM1	10/4/2010	Benzo(a)anthracene	37	ug/Kg	J
SEE09070930JRP1	9/7/2010	Benzo(a)anthracene	35	ug/Kg	J
SEE09051500JAW1	9/5/2010	Benzo(a)anthracene	34	ug/Kg	J
SEE08271536TWH1	8/27/2010	Benzo(a)anthracene	33	ug/kg	J
SEB08281400JLS1	8/28/2010	Benzo(a)anthracene	30	ug/kg	J
SEE09231205RCM1	9/23/2010	Benzo(a)anthracene	29	ug/Kg	J
SEE08301410JRP1	8/30/2010	Benzo(a)anthracene	29	ug/Kg	J
SEE10081035ARM1	10/8/2010	Benzo(a)anthracene	19	ug/Kg	J
SEF10051206TDF3	10/5/2010	Benzo(a)anthracene	18	ug/Kg	J
SEE08301100JRP1	8/30/2010	Benzo(a)anthracene	17	ug/Kg	J
SEE09170935RCM1	9/17/2010	Benzo(a)anthracene	11	ug/Kg	J
SEE10131035ARM1	10/13/2010	Benzo(a)anthracene	10	ug/Kg	J
ML-03-S-081610	8/16/2010	Benzo(a)anthracene	1.4	mg/Kg	
ML-03-S-082510	8/25/2010	Benzo(a)anthracene	1.3	mg/Kg	
ML-05-S-081710	8/17/2010	Benzo(a)anthracene	1.3	mg/Kg	
ML-03-S-082310	8/23/2010	Benzo(a)anthracene	1.1	mg/Kg	
ML-05-S-082310	8/23/2010	Benzo(a)anthracene	1.1	mg/Kg	
ML-03-S-082010	8/20/2010	Benzo(a)anthracene	1.1	mg/Kg	
ML-04-S-082010	8/20/2010	Benzo(a)anthracene	1.1	mg/Kg	
ML-02-S-082510	8/25/2010	Benzo(a)anthracene	0.92	mg/Kg	
ML-04-S-082410	8/24/2010	Benzo(a)anthracene	0.92	mg/Kg	J
ML-02-S-082310	8/23/2010	Benzo(a)anthracene	0.91	mg/Kg	
ML-04-S-081710	8/17/2010	Benzo(a)anthracene	0.85	mg/Kg	
ML-01-S-081610	8/16/2010	Benzo(a)anthracene	0.85	mg/Kg	
ML-05-S-082010	8/20/2010	Benzo(a)anthracene	0.81	mg/Kg	
ML-01-S-082510	8/25/2010	Benzo(a)anthracene	0.74	mg/Kg	
ML-04-S-082610	8/26/2010	Benzo(a)anthracene	0.72	mg/Kg	
ML-02-S-082010	8/20/2010	Benzo(a)anthracene	0.70	mg/Kg	
ML-05-S-082610	8/26/2010	Benzo(a)anthracene	0.64	mg/Kg	
ML-01-S-081910	8/19/2010	Benzo(a)anthracene	0.64	mg/Kg	
ML-01-S-082110	8/21/2010	Benzo(a)anthracene	0.58	mg/Kg	
ML-02-S-081710	8/17/2010	Benzo(a)anthracene	0.52	mg/Kg	
ML-07-S-082410	8/24/2010	Benzo(a)anthracene	0.43	mg/Kg	J
ML-07-S-082110	8/21/2010	Benzo(a)anthracene	0.41	mg/Kg	
ML-08-S-082510	8/25/2010	Benzo(a)anthracene	0.35	mg/Kg	

**TABLE B-2b**  
**Upstream Sediment Samples (Morrow Lake)**

Sample ID	Sample Date	Analyte	Result	Unit	Data Qualifier
ML-06-S-082510	8/25/2010	Benzo(a)anthracene	0.31	mg/Kg	
ML-10-S-081910	8/19/2010	Benzo(a)anthracene	0.29	mg/Kg	J
ML-10-S-081910	8/19/2010	Benzo(a)anthracene	0.29	mg/Kg	J
ML-08-S-081610	8/16/2010	Benzo(a)anthracene	0.29	mg/Kg	
ML-10-S-081610	8/16/2010	Benzo(a)anthracene	0.28	mg/Kg	
ML-10-S-081610	8/16/2010	Benzo(a)anthracene	0.28	mg/Kg	
ML-07-S-081610	8/16/2010	Benzo(a)anthracene	0.27	mg/Kg	
ML-07-S-082510	8/25/2010	Benzo(a)anthracene	0.26	mg/Kg	
ML-09-S-081810	8/18/2010	Benzo(a)anthracene	0.26	mg/Kg	J
ML-07-S-081810	8/18/2010	Benzo(a)anthracene	0.25	mg/Kg	J
ML-06-S-081710	8/17/2010	Benzo(a)anthracene	0.23	mg/Kg	J
ML-09-S-082510	8/25/2010	Benzo(a)anthracene	0.22	mg/Kg	
ML-06-S-082310	8/23/2010	Benzo(a)anthracene	0.22	mg/Kg	J
ML-09-S-082110	8/21/2010	Benzo(a)anthracene	0.22	mg/Kg	
ML-10-S-082110	8/21/2010	Benzo(a)anthracene	0.20	mg/Kg	
ML-10-S-082110	8/21/2010	Benzo(a)anthracene	0.20	mg/Kg	
ML-10-S-082610	8/26/2010	Benzo(a)anthracene	0.18	mg/Kg	J
ML-10-S-082610	8/26/2010	Benzo(a)anthracene	0.18	mg/Kg	J
ML-06-S-082010	8/20/2010	Benzo(a)anthracene	0.18	mg/Kg	
ML-09-S-082410	8/24/2010	Benzo(a)anthracene	0.17	mg/Kg	J
ML-10-S-082410	8/24/2010	Benzo(a)anthracene	0.16	mg/Kg	J
ML-10-S-082410	8/24/2010	Benzo(a)anthracene	0.16	mg/Kg	J
ML-08-S-082410	8/24/2010	Benzo(a)anthracene	0.13	mg/Kg	J
ML-08-S-082110	8/21/2010	Benzo(a)anthracene	0.12	mg/Kg	J
SEE10041335JDF1	10/4/2010	Benzo(a)pyrene	2500	ug/Kg	
SEE10031425JDF1	10/3/2010	Benzo(a)pyrene	2500	ug/Kg	
SEE09061610JAW1	9/6/2010	Benzo(a)pyrene	2300	ug/Kg	
SEE10071205PML1	10/7/2010	Benzo(a)pyrene	1700	ug/Kg	
SEE10071540PML1	10/7/2010	Benzo(a)pyrene	1700	ug/Kg	
SEE10040945JDF1	10/4/2010	Benzo(a)pyrene	1700	ug/Kg	
SEE10041150JDF1	10/4/2010	Benzo(a)pyrene	1700	ug/Kg	
SEE09131620PML1	9/13/2010	Benzo(a)pyrene	1700	ug/Kg	J
SEE09051430PML1	9/5/2010	Benzo(a)pyrene	1700	ug/Kg	
SEE10111350JDF1	10/11/2010	Benzo(a)pyrene	1600	ug/Kg	
SEE09290925JDF1	9/29/2010	Benzo(a)pyrene	1600	ug/Kg	
SEE09221615JDF1	9/22/2010	Benzo(a)pyrene	1600	ug/Kg	
SEE10121030JDF1	10/12/2010	Benzo(a)pyrene	1500	ug/Kg	
SEE10071101PML1	10/7/2010	Benzo(a)pyrene	1500	ug/Kg	
SEE09301255MAE1	9/30/2010	Benzo(a)pyrene	1500	ug/Kg	
SEE09271130JDF1	9/27/2010	Benzo(a)pyrene	1500	ug/Kg	
SEE09011255PML1	9/1/2010	Benzo(a)pyrene	1500	ug/Kg	
SEE09011635PML1	9/1/2010	Benzo(a)pyrene	1500	ug/Kg	
SEE10041050JDF1	10/4/2010	Benzo(a)pyrene	1400	ug/Kg	
SEE09291035JDF1	9/29/2010	Benzo(a)pyrene	1400	ug/Kg	
SEE09271025ARM1	9/27/2010	Benzo(a)pyrene	1400	ug/Kg	
SEE09221105JDF1	9/22/2010	Benzo(a)pyrene	1400	ug/Kg	
SEE09130955JRP1	9/13/2010	Benzo(a)pyrene	1400	ug/Kg	
SEE09051015PML1	9/5/2010	Benzo(a)pyrene	1400	ug/Kg	
SEE09031115JAW1	9/3/2010	Benzo(a)pyrene	1400	ug/Kg	
SEE10171535ARM1	10/17/2010	Benzo(a)pyrene	1300	ug/Kg	
SEE10061205PML1	10/6/2010	Benzo(a)pyrene	1300	ug/Kg	
SEE10041355ARM1	10/4/2010	Benzo(a)pyrene	1300	ug/Kg	
SEE09271515JDF1	9/27/2010	Benzo(a)pyrene	1300	ug/Kg	
SEE09171125PML1	9/17/2010	Benzo(a)pyrene	1300	ug/Kg	J
SEE09161045PML1	9/16/2010	Benzo(a)pyrene	1300	ug/Kg	
SEE10170915JDF1	10/17/2010	Benzo(a)pyrene	1200	ug/Kg	
SEE10111101JDF1	10/11/2010	Benzo(a)pyrene	1200	ug/Kg	
SEE10091200ARM1	10/9/2010	Benzo(a)pyrene	1200	ug/Kg	J
SEE09171530PML1	9/17/2010	Benzo(a)pyrene	1200	ug/Kg	J
SEE09131125PML1	9/13/2010	Benzo(a)pyrene	1200	ug/Kg	

**TABLE B-2b**  
**Upstream Sediment Samples (Morrow Lake)**

Sample ID	Sample Date	Analyte	Result	Unit	Data Qualifier
SEE09121450PML1	9/12/2010	Benzo(a)pyrene	1200	ug/Kg	J
SEE09091605PML1	9/9/2010	Benzo(a)pyrene	1200	ug/Kg	
SEE09011545PML1	9/1/2010	Benzo(a)pyrene	1200	ug/Kg	
SEE10120930JDF1	10/12/2010	Benzo(a)pyrene	1100	ug/Kg	
SEE10111125JDF1	10/11/2010	Benzo(a)pyrene	1100	ug/Kg	
SEE09291135JDF1	9/29/2010	Benzo(a)pyrene	1100	ug/Kg	
SEE09221440JDF1	9/22/2010	Benzo(a)pyrene	1100	ug/Kg	
SEE09091515PML1	9/9/2010	Benzo(a)pyrene	1100	ug/Kg	
SEE09051130PML1	9/5/2010	Benzo(a)pyrene	1100	ug/Kg	
SEE09041350PML1	9/4/2010	Benzo(a)pyrene	1100	ug/Kg	
SEE09171415PML1	9/17/2010	Benzo(a)pyrene	1000	ug/Kg	J
SEE09131505PML1	9/13/2010	Benzo(a)pyrene	1000	ug/Kg	
SEE09091025JRP1	9/9/2010	Benzo(a)pyrene	1000	ug/Kg	
SEE09011145PML1	9/1/2010	Benzo(a)pyrene	1000	ug/Kg	
SEE09130940PML1	9/13/2010	Benzo(a)pyrene	970	ug/Kg	
SEE08301530JAW1	8/30/2010	Benzo(a)pyrene	970	ug/Kg	
SEE10081231PML1	10/8/2010	Benzo(a)pyrene	960	ug/Kg	
SEE09301105JDF1	9/30/2010	Benzo(a)pyrene	960	ug/Kg	
SEE09201645ARM1	9/20/2010	Benzo(a)pyrene	960	ug/Kg	
SEE10071415ARM1	10/7/2010	Benzo(a)pyrene	940	ug/Kg	
SEE09301255JDF1	9/30/2010	Benzo(a)pyrene	940	ug/Kg	
SEE09211530JDF1	9/21/2010	Benzo(a)pyrene	930	ug/Kg	
SEE09091145PML1	9/9/2010	Benzo(a)pyrene	930	ug/Kg	
SEE09231130ARM1	9/23/2010	Benzo(a)pyrene	920	ug/Kg	
SEE09040950PML1	9/4/2010	Benzo(a)pyrene	920	ug/Kg	
SEE09011545MHS1	9/1/2010	Benzo(a)pyrene	900	ug/Kg	
SEE10051415ARM1	10/5/2010	Benzo(a)pyrene	890	ug/Kg	
SEE09011050PML1	9/1/2010	Benzo(a)pyrene	880	ug/Kg	
SEE10061051RCM1	10/6/2010	Benzo(a)pyrene	870	ug/Kg	
SEE09091410PML1	9/9/2010	Benzo(a)pyrene	870	ug/Kg	
SEE10051125PML1	10/5/2010	Benzo(a)pyrene	860	ug/Kg	
SEE09211155JDF1	9/21/2010	Benzo(a)pyrene	840	ug/Kg	
SEE08271500PML1	8/27/2010	Benzo(a)pyrene	820	ug/kg	
SEE09170945PML1	9/17/2010	Benzo(a)pyrene	810	ug/Kg	J
SEE09091010PML1	9/9/2010	Benzo(a)pyrene	770	ug/Kg	
SEE10051653PML1	10/5/2010	Benzo(a)pyrene	760	ug/Kg	
SEE08301015JRP1	8/30/2010	Benzo(a)pyrene	750	ug/Kg	
SEE09291023RCM1	9/29/2010	Benzo(a)pyrene	720	ug/Kg	
SEE09081020RCM1	9/8/2010	Benzo(a)pyrene	710	ug/Kg	
SEE10131150JDF1	10/13/2010	Benzo(a)pyrene	700	ug/Kg	
SEE09021400PML1	9/2/2010	Benzo(a)pyrene	700	ug/Kg	
SEE09121436RCM1	9/12/2010	Benzo(a)pyrene	690	ug/Kg	J
SEE09191445RCM1	9/19/2010	Benzo(a)pyrene	680	ug/Kg	
SEE09031645MHS1	9/3/2010	Benzo(a)pyrene	680	ug/Kg	
SEE10161055JDF1	10/16/2010	Benzo(a)pyrene	670	ug/Kg	J
SEE09061500PML1	9/6/2010	Benzo(a)pyrene	670	ug/Kg	
SEE09251135JDF1	9/25/2010	Benzo(a)pyrene	660	ug/Kg	
SEE10171410JDF1	10/17/2010	Benzo(a)pyrene	650	ug/Kg	
SEE09260930RCM1	9/26/2010	Benzo(a)pyrene	650	ug/Kg	
SEE10041530JDF1	10/4/2010	Benzo(a)pyrene	640	ug/Kg	
SEE10121415ARM1	10/12/2010	Benzo(a)pyrene	630	ug/Kg	
SEE10031115JDF1	10/3/2010	Benzo(a)pyrene	630	ug/Kg	
SEE10031115JDF1	10/3/2010	Benzo(a)pyrene	630	ug/Kg	
SEE09051550MHS1	9/5/2010	Benzo(a)pyrene	630	ug/Kg	
SEE08301130PML1	8/30/2010	Benzo(a)pyrene	620	ug/Kg	
SEE08301145MHS1	8/30/2010	Benzo(a)pyrene	620	ug/Kg	
SEE08301638MHS1	8/30/2010	Benzo(a)pyrene	620	ug/Kg	
SEE10181035JDF1	10/18/2010	Benzo(a)pyrene	610	ug/Kg	
SEE10161530JDF1	10/16/2010	Benzo(a)pyrene	610	ug/Kg	J
SEE09121055PML1	9/12/2010	Benzo(a)pyrene	610	ug/Kg	J



**TABLE B-2b**  
**Upstream Sediment Samples (Morrow Lake)**

Sample ID	Sample Date	Analyte	Result	Unit	Data Qualifier
SEE09121055PML1	9/12/2010	Benzo(a)pyrene	610	ug/Kg	J
SEE09021010PML1	9/2/2010	Benzo(a)pyrene	610	ug/Kg	
SEE10151355ARM1	10/15/2010	Benzo(a)pyrene	600	ug/Kg	
SEE09141135PML1	9/14/2010	Benzo(a)pyrene	600	ug/Kg	
SEE09061525MHS1	9/6/2010	Benzo(a)pyrene	600	ug/Kg	
SEE09030925PML1	9/3/2010	Benzo(a)pyrene	600	ug/Kg	
SEE10081051RCM1	10/8/2010	Benzo(a)pyrene	590	ug/Kg	
SEE08301520JRP1	8/30/2010	Benzo(a)pyrene	590	ug/Kg	
SEE09151145PML1	9/15/2010	Benzo(a)pyrene	570	ug/Kg	
SEE09151145PML1	9/15/2010	Benzo(a)pyrene	570	ug/Kg	
SEE09131026RCM1	9/13/2010	Benzo(a)pyrene	570	ug/Kg	
SEE09090900JRP1	9/9/2010	Benzo(a)pyrene	570	ug/Kg	
SEE10161115ARM1	10/16/2010	Benzo(a)pyrene	560	ug/Kg	J
SEE10041138RCM1	10/4/2010	Benzo(a)pyrene	560	ug/Kg	
SEE09140945PML1	9/14/2010	Benzo(a)pyrene	560	ug/Kg	
SEE09141515PML1	9/14/2010	Benzo(a)pyrene	560	ug/Kg	
SEE10091401PML1	10/9/2010	Benzo(a)pyrene	550	ug/Kg	J
SEE09061130MHS1	9/6/2010	Benzo(a)pyrene	550	ug/Kg	
SEE09121105RCM1	9/12/2010	Benzo(a)pyrene	540	ug/Kg	J
SEE10171115JDF1	10/17/2010	Benzo(a)pyrene	530	ug/Kg	
SEE09130915JRP1	9/13/2010	Benzo(a)pyrene	530	ug/Kg	
SEE09111015PML1	9/11/2010	Benzo(a)pyrene	530	ug/Kg	J
SEE08301445JRP1	8/30/2010	Benzo(a)pyrene	530	ug/Kg	
SEE10141550JDF1	10/14/2010	Benzo(a)pyrene	520	ug/Kg	
SEE10141550JDF1	10/14/2010	Benzo(a)pyrene	520	ug/Kg	
SEE10071042RCM1	10/7/2010	Benzo(a)pyrene	520	ug/Kg	
SEE09250905RCM1	9/25/2010	Benzo(a)pyrene	520	ug/Kg	
SEE10011120JDF1	10/1/2010	Benzo(a)pyrene	510	ug/Kg	
SEE09170839RCM1	9/17/2010	Benzo(a)pyrene	510	ug/Kg	J
SEE08291550KAP1	8/29/2010	Benzo(a)pyrene	500	ug/kg	
SEE08281505PML1	8/28/2010	Benzo(a)pyrene	490	ug/kg	J
SEE09191530PML1	9/19/2010	Benzo(a)pyrene	480	ug/Kg	
SEE10141015JDF1	10/14/2010	Benzo(a)pyrene	470	ug/Kg	
SEE10121155JDF1	10/12/2010	Benzo(a)pyrene	470	ug/Kg	
SEE09181235PML1	9/18/2010	Benzo(a)pyrene	470	ug/Kg	
SEE09161035RCM1	9/16/2010	Benzo(a)pyrene	470	ug/Kg	
SEE08271215PML1	8/27/2010	Benzo(a)pyrene	460	ug/kg	J
SEE10161415JDF1	10/16/2010	Benzo(a)pyrene	450	ug/Kg	J
SEE10141150JDF1	10/14/2010	Benzo(a)pyrene	450	ug/Kg	
SEE10081115PML1	10/8/2010	Benzo(a)pyrene	450	ug/Kg	
SEE09291645JDF1	9/29/2010	Benzo(a)pyrene	450	ug/Kg	
SEE09220935RCM1	9/22/2010	Benzo(a)pyrene	450	ug/Kg	
SEE09181705PML1	9/18/2010	Benzo(a)pyrene	450	ug/Kg	
SEE09131445RCM1	9/13/2010	Benzo(a)pyrene	450	ug/Kg	
SEE09031140MHS1	9/3/2010	Benzo(a)pyrene	450	ug/Kg	
SEE10181210JDF1	10/18/2010	Benzo(a)pyrene	440	ug/Kg	
SEE10101215PML1	10/10/2010	Benzo(a)pyrene	440	ug/Kg	
SEE10101215PML1	10/10/2010	Benzo(a)pyrene	440	ug/Kg	
SEE10091614PML1	10/9/2010	Benzo(a)pyrene	440	ug/Kg	J
SEE09261625JDF1	9/26/2010	Benzo(a)pyrene	440	ug/Kg	
SEE09261625JDF1	9/26/2010	Benzo(a)pyrene	440	ug/Kg	
SEE09061105PML1	9/6/2010	Benzo(a)pyrene	440	ug/Kg	
SEE08311045PML1	8/31/2010	Benzo(a)pyrene	440	ug/Kg	
SEE08300920JRP1	8/30/2010	Benzo(a)pyrene	440	ug/Kg	
SEE10151055ARM1	10/15/2010	Benzo(a)pyrene	430	ug/Kg	
SEE09261215JDF1	9/26/2010	Benzo(a)pyrene	430	ug/Kg	
SEE09031650PML1	9/3/2010	Benzo(a)pyrene	430	ug/Kg	
SEE09031650PML1	9/3/2010	Benzo(a)pyrene	430	ug/Kg	
SEE08311420PML1	8/31/2010	Benzo(a)pyrene	430	ug/Kg	
SEE08311420PML1	8/31/2010	Benzo(a)pyrene	430	ug/Kg	

**TABLE B-2b**  
**Upstream Sediment Samples (Morrow Lake)**

Sample ID	Sample Date	Analyte	Result	Unit	Data Qualifier
SEE10181510JDF1	10/18/2010	Benzo(a)pyrene	420	ug/Kg	
SEE10181510JDF1	10/18/2010	Benzo(a)pyrene	420	ug/Kg	
SEE10141555ARM1	10/14/2010	Benzo(a)pyrene	420	ug/Kg	
SEE08271614TWH1	8/27/2010	Benzo(a)pyrene	420	ug/kg	J
SEE08301550PML1	8/30/2010	Benzo(a)pyrene	410	ug/Kg	
SEE08281215PML1	8/28/2010	Benzo(a)pyrene	400	ug/kg	J
SEE09201115RCM1	9/20/2010	Benzo(a)pyrene	390	ug/Kg	
SEE09071050PML1	9/7/2010	Benzo(a)pyrene	390	ug/Kg	
SEE10191515JDF1	10/19/2010	Benzo(a)pyrene	380	ug/Kg	
SEE09081205PML1	9/8/2010	Benzo(a)pyrene	380	ug/Kg	
SEE09200945PML1	9/20/2010	Benzo(a)pyrene	370	ug/Kg	
SEE09200945PML1	9/20/2010	Benzo(a)pyrene	370	ug/Kg	
SEE09191040PML1	9/19/2010	Benzo(a)pyrene	370	ug/Kg	
SEE09101215PML1	9/10/2010	Benzo(a)pyrene	360	ug/Kg	J
SEE09101625PML1	9/10/2010	Benzo(a)pyrene	360	ug/Kg	J
SEE10061640PML1	10/6/2010	Benzo(a)pyrene	350	ug/Kg	
SEE10061640PML1	10/6/2010	Benzo(a)pyrene	350	ug/Kg	
SEE09081010PML1	9/8/2010	Benzo(a)pyrene	350	ug/Kg	
SEE09031100PML1	9/3/2010	Benzo(a)pyrene	350	ug/Kg	
SEE10181430JWP1	10/18/2010	Benzo(a)pyrene	340	ug/Kg	
SEE10150945JDF1	10/15/2010	Benzo(a)pyrene	340	ug/Kg	
SEE08281630RCM1	8/28/2010	Benzo(a)pyrene	340	ug/kg	J
SEE09091005RCM1	9/9/2010	Benzo(a)pyrene	330	ug/Kg	
SEE09101022PML1	9/10/2010	Benzo(a)pyrene	300	ug/Kg	J
SEE09231645JDF1	9/23/2010	Benzo(a)pyrene	290	ug/Kg	
SEE09211112RCM1	9/21/2010	Benzo(a)pyrene	290	ug/Kg	
SEE09171445RCM1	9/17/2010	Benzo(a)pyrene	290	ug/Kg	J
SEE10191100JDF1	10/19/2010	Benzo(a)pyrene	280	ug/Kg	
SEE09091410RCM1	9/9/2010	Benzo(a)pyrene	280	ug/Kg	
SEE08261420RCM1	8/26/2010	Benzo(a)pyrene	270	ug/kg	J
SEE09301205RCM1	9/30/2010	Benzo(a)pyrene	260	ug/Kg	
SEE09151015PML1	9/15/2010	Benzo(a)pyrene	260	ug/Kg	
SEE08291421KAP1	8/29/2010	Benzo(a)pyrene	260	ug/kg	J
SEE08261445JRP1	8/26/2010	Benzo(a)pyrene	260	ug/Kg	
SEE10101010PML1	10/10/2010	Benzo(a)pyrene	250	ug/Kg	
SEE08281607TWH1	8/28/2010	Benzo(a)pyrene	250	ug/kg	J
SEE10191155JDF1	10/19/2010	Benzo(a)pyrene	240	ug/Kg	
SEE09141312RCM1	9/14/2010	Benzo(a)pyrene	240	ug/Kg	
SEE08291354KAP1	8/29/2010	Benzo(a)pyrene	240	ug/kg	J
SEE10191415JDF1	10/19/2010	Benzo(a)pyrene	230	ug/Kg	
SEE09230955RCM1	9/23/2010	Benzo(a)pyrene	210	ug/Kg	
SEE09290915MAE1	9/29/2010	Benzo(a)pyrene	200	ug/Kg	
SEE08271145RCM1	8/27/2010	Benzo(a)pyrene	200	ug/kg	J
SEE08271652TWH1	8/27/2010	Benzo(a)pyrene	200	ug/kg	J
SEE09231210JDF1	9/23/2010	Benzo(a)pyrene	190	ug/Kg	
SEE08281420TWH1	8/28/2010	Benzo(a)pyrene	190	ug/kg	J
SEE08281510TWH1	8/28/2010	Benzo(a)pyrene	190	ug/kg	J
SEE10211035JDF1	10/21/2010	Benzo(a)pyrene	180	ug/Kg	UJ
SEE10061135ARM1	10/6/2010	Benzo(a)pyrene	180	ug/Kg	
SEE08311348MHS1	8/31/2010	Benzo(a)pyrene	170	ug/Kg	
SEE10221110JDF1	10/22/2010	Benzo(a)pyrene	160	ug/Kg	U
SEE10221110JDF1	10/22/2010	Benzo(a)pyrene	160	ug/Kg	U
SEE10211430JDF1	10/21/2010	Benzo(a)pyrene	160	ug/Kg	U
SEE10191005JDF1	10/19/2010	Benzo(a)pyrene	160	ug/Kg	U
SEE10071151RCM1	10/7/2010	Benzo(a)pyrene	160	ug/Kg	
SEE10221450DWS1	10/22/2010	Benzo(a)pyrene	150	ug/Kg	
SEE10121040ARM1	10/12/2010	Benzo(a)pyrene	150	ug/Kg	
SEE10011125ARM1	10/1/2010	Benzo(a)pyrene	150	ug/Kg	
SEE08261620RCM1	8/26/2010	Benzo(a)pyrene	150	ug/kg	J
SEE10211010JWP1	10/21/2010	Benzo(a)pyrene	140	ug/Kg	U

**TABLE B-2b**  
**Upstream Sediment Samples (Morrow Lake)**

Sample ID	Sample Date	Analyte	Result	Unit	Data Qualifier
SEE10071045ARM1	10/7/2010	Benzo(a)pyrene	140	ug/Kg	
SEE10221055DWS1	10/22/2010	Benzo(a)pyrene	130	ug/Kg	U
SEE10191010JWP1	10/19/2010	Benzo(a)pyrene	130	ug/Kg	U
SEE09201110ARM1	9/20/2010	Benzo(a)pyrene	130	ug/Kg	
SEE09271500ARM1	9/27/2010	Benzo(a)pyrene	120	ug/Kg	
SEE10191115JWP1	10/19/2010	Benzo(a)pyrene	110	ug/Kg	
SEE08311010JRP1	8/31/2010	Benzo(a)pyrene	110	ug/Kg	
SEE10141025ARM1	10/14/2010	Benzo(a)pyrene	100	ug/Kg	
SEE09150915JRP1	9/15/2010	Benzo(a)pyrene	100	ug/Kg	
SEE09140945JRP1	9/14/2010	Benzo(a)pyrene	100	ug/Kg	
SEE08291445PML1	8/29/2010	Benzo(a)pyrene	100	ug/kg	J
SEE08261700JRP1	8/26/2010	Benzo(a)pyrene	100	ug/Kg	
SEE09171200ARM1	9/17/2010	Benzo(a)pyrene	89	ug/Kg	J
SEF10011045TDF1	10/1/2010	Benzo(a)pyrene	87	ug/Kg	
SEE08291110PML1	8/29/2010	Benzo(a)pyrene	81	ug/kg	J
SEE09301025MAE1	9/30/2010	Benzo(a)pyrene	80	ug/Kg	
SEE09051500MHS1	9/5/2010	Benzo(a)pyrene	75	ug/Kg	
SEE09231035ARM1	9/23/2010	Benzo(a)pyrene	70	ug/Kg	
SEE08271445JRP1	8/27/2010	Benzo(a)pyrene	70	ug/kg	J
SEE09211120ARM1	9/21/2010	Benzo(a)pyrene	69	ug/Kg	
SEE09251235ARM1	9/25/2010	Benzo(a)pyrene	66	ug/Kg	
SEE08281540JRP1	8/28/2010	Benzo(a)pyrene	65	ug/kg	J
SEE10211345JWP1	10/21/2010	Benzo(a)pyrene	62	ug/Kg	U
SEE09100945RCM1	9/10/2010	Benzo(a)pyrene	52	ug/Kg	UU
SEE10041045ARM1	10/4/2010	Benzo(a)pyrene	51	ug/Kg	
SEE09100920JRP1	9/10/2010	Benzo(a)pyrene	50	ug/Kg	J
SEF10221050MAE3	10/22/2010	Benzo(a)pyrene	46	ug/Kg	U
SEE09200911RCM1	9/20/2010	Benzo(a)pyrene	46	ug/Kg	U
SEE09070930JRP1	9/7/2010	Benzo(a)pyrene	46	ug/Kg	
SEF10191135NAC3	10/19/2010	Benzo(a)pyrene	44	ug/Kg	U
SEE08301100JRP1	8/30/2010	Benzo(a)pyrene	44	ug/Kg	U
SEF10081108TDF3	10/8/2010	Benzo(a)pyrene	43	ug/Kg	U
SEE08271536TWH1	8/27/2010	Benzo(a)pyrene	43	ug/kg	J
SEF10151030PMB3	10/15/2010	Benzo(a)pyrene	42	ug/Kg	U
SEF10121130PMB3	10/12/2010	Benzo(a)pyrene	42	ug/Kg	U
SEE10051145RCM1	10/5/2010	Benzo(a)pyrene	40	ug/Kg	U
SEE09080930JRP1	9/8/2010	Benzo(a)pyrene	40	ug/Kg	U
SEF09281139TDF1	9/28/2010	Benzo(a)pyrene	39	ug/Kg	U
SEE09231205RCM1	9/23/2010	Benzo(a)pyrene	38	ug/Kg	J
SEE10181030JWP1	10/18/2010	Benzo(a)pyrene	37	ug/Kg	U
SEE09051500JAW1	9/5/2010	Benzo(a)pyrene	34	ug/Kg	J
SEE08301410JRP1	8/30/2010	Benzo(a)pyrene	34	ug/Kg	J
SEB08281400JLS1	8/28/2010	Benzo(a)pyrene	30	ug/kg	J
SEF10051206TDF3	10/5/2010	Benzo(a)pyrene	20	ug/Kg	J
SEE10081035ARM1	10/8/2010	Benzo(a)pyrene	19	ug/Kg	J
SEB09011143JLS1	9/1/2010	Benzo(a)pyrene	17	ug/Kg	J
SEE09281445RCM1	9/28/2010	Benzo(a)pyrene	16	ug/Kg	J
SEE09221045ARM1	9/22/2010	Benzo(a)pyrene	11	ug/Kg	J
SEE09170935RCM1	9/17/2010	Benzo(a)pyrene	11	ug/Kg	J
SEE10131035ARM1	10/13/2010	Benzo(a)pyrene	10	ug/Kg	J
SEE09011515JAW1	9/1/2010	Benzo(a)pyrene	10	ug/Kg	J
SEE10011043RCM1	10/1/2010	Benzo(a)pyrene	9.9	ug/Kg	J
ML-05-S-081710	8/17/2010	Benzo(a)pyrene	1.5	mg/Kg	
ML-03-S-082510	8/25/2010	Benzo(a)pyrene	1.3	mg/Kg	
ML-03-S-082310	8/23/2010	Benzo(a)pyrene	1.3	mg/Kg	
ML-05-S-082310	8/23/2010	Benzo(a)pyrene	1.3	mg/Kg	
ML-03-S-081610	8/16/2010	Benzo(a)pyrene	1.3	mg/Kg	
ML-03-S-082010	8/20/2010	Benzo(a)pyrene	1.2	mg/Kg	
ML-04-S-082010	8/20/2010	Benzo(a)pyrene	1.2	mg/Kg	
ML-04-S-082410	8/24/2010	Benzo(a)pyrene	1.1	mg/Kg	J

**TABLE B-2b**  
**Upstream Sediment Samples (Morrow Lake)**

Sample ID	Sample Date	Analyte	Result	Unit	Data Qualifier
ML-02-S-082310	8/23/2010	Benzo(a)pyrene	1.0	mg/Kg	
ML-05-S-082010	8/20/2010	Benzo(a)pyrene	1.0	mg/Kg	
ML-01-S-082510	8/25/2010	Benzo(a)pyrene	0.97	mg/Kg	
ML-04-S-082610	8/26/2010	Benzo(a)pyrene	0.96	mg/Kg	
ML-04-S-081710	8/17/2010	Benzo(a)pyrene	0.94	mg/Kg	
ML-02-S-082510	8/25/2010	Benzo(a)pyrene	0.87	mg/Kg	
ML-02-S-082010	8/20/2010	Benzo(a)pyrene	0.86	mg/Kg	
ML-01-S-081610	8/16/2010	Benzo(a)pyrene	0.81	mg/Kg	
ML-01-S-081910	8/19/2010	Benzo(a)pyrene	0.72	mg/Kg	
ML-05-S-082610	8/26/2010	Benzo(a)pyrene	0.68	mg/Kg	
ML-01-S-082110	8/21/2010	Benzo(a)pyrene	0.67	mg/Kg	
ML-02-S-081710	8/17/2010	Benzo(a)pyrene	0.62	mg/Kg	J
ML-07-S-082410	8/24/2010	Benzo(a)pyrene	0.54	mg/Kg	J
ML-07-S-082110	8/21/2010	Benzo(a)pyrene	0.53	mg/Kg	
ML-06-S-082310	8/23/2010	Benzo(a)pyrene	0.48	mg/Kg	
ML-10-S-082610	8/26/2010	Benzo(a)pyrene	0.45	mg/Kg	
ML-10-S-082610	8/26/2010	Benzo(a)pyrene	0.45	mg/Kg	
ML-08-S-082510	8/25/2010	Benzo(a)pyrene	0.41	mg/Kg	
ML-07-S-082510	8/25/2010	Benzo(a)pyrene	0.40	mg/Kg	
ML-10-S-081910	8/19/2010	Benzo(a)pyrene	0.39	mg/Kg	
ML-10-S-081910	8/19/2010	Benzo(a)pyrene	0.39	mg/Kg	
ML-06-S-082510	8/25/2010	Benzo(a)pyrene	0.37	mg/Kg	
ML-10-S-081610	8/16/2010	Benzo(a)pyrene	0.35	mg/Kg	
ML-10-S-081610	8/16/2010	Benzo(a)pyrene	0.35	mg/Kg	
ML-09-S-082110	8/21/2010	Benzo(a)pyrene	0.34	mg/Kg	
ML-07-S-081810	8/18/2010	Benzo(a)pyrene	0.34	mg/Kg	J
ML-06-S-081710	8/17/2010	Benzo(a)pyrene	0.34	mg/Kg	
ML-10-S-082110	8/21/2010	Benzo(a)pyrene	0.33	mg/Kg	
ML-10-S-082110	8/21/2010	Benzo(a)pyrene	0.33	mg/Kg	
ML-08-S-081610	8/16/2010	Benzo(a)pyrene	0.31	mg/Kg	
ML-09-S-081810	8/18/2010	Benzo(a)pyrene	0.29	mg/Kg	J
ML-07-S-081610	8/16/2010	Benzo(a)pyrene	0.29	mg/Kg	
ML-09-S-082410	8/24/2010	Benzo(a)pyrene	0.28	mg/Kg	J
ML-06-S-082010	8/20/2010	Benzo(a)pyrene	0.26	mg/Kg	
ML-10-S-082410	8/24/2010	Benzo(a)pyrene	0.24	mg/Kg	J
ML-10-S-082410	8/24/2010	Benzo(a)pyrene	0.24	mg/Kg	J
ML-08-S-082410	8/24/2010	Benzo(a)pyrene	0.23	mg/Kg	J
ML-09-S-082510	8/25/2010	Benzo(a)pyrene	0.21	mg/Kg	
ML-08-S-082110	8/21/2010	Benzo(a)pyrene	0.18	mg/Kg	
SEE10041335JDF1	10/4/2010	Benzo(b)fluoranthene	3000	ug/Kg	
SEE10031425JDF1	10/3/2010	Benzo(b)fluoranthene	3000	ug/Kg	
SEE09271130JDF1	9/27/2010	Benzo(b)fluoranthene	2800	ug/Kg	
SEE10041150JDF1	10/4/2010	Benzo(b)fluoranthene	2600	ug/Kg	
SEE09061610JAW1	9/6/2010	Benzo(b)fluoranthene	2500	ug/Kg	
SEE10071540PML1	10/7/2010	Benzo(b)fluoranthene	2400	ug/Kg	
SEE10040945JDF1	10/4/2010	Benzo(b)fluoranthene	2400	ug/Kg	
SEE10111350JDF1	10/11/2010	Benzo(b)fluoranthene	2200	ug/Kg	
SEE09301255MAE1	9/30/2010	Benzo(b)fluoranthene	2100	ug/Kg	
SEE09290925JDF1	9/29/2010	Benzo(b)fluoranthene	2100	ug/Kg	
SEE10041050JDF1	10/4/2010	Benzo(b)fluoranthene	2000	ug/Kg	
SEE10041355ARM1	10/4/2010	Benzo(b)fluoranthene	2000	ug/Kg	
SEE09291035JDF1	9/29/2010	Benzo(b)fluoranthene	2000	ug/Kg	
SEE09221105JDF1	9/22/2010	Benzo(b)fluoranthene	2000	ug/Kg	
SEE09221615JDF1	9/22/2010	Benzo(b)fluoranthene	2000	ug/Kg	
SEE10111125JDF1	10/11/2010	Benzo(b)fluoranthene	1900	ug/Kg	
SEE10071205PML1	10/7/2010	Benzo(b)fluoranthene	1900	ug/Kg	
SEE10061205PML1	10/6/2010	Benzo(b)fluoranthene	1900	ug/Kg	
SEE09271025ARM1	9/27/2010	Benzo(b)fluoranthene	1900	ug/Kg	
SEE09271515JDF1	9/27/2010	Benzo(b)fluoranthene	1900	ug/Kg	
SEE09161045PML1	9/16/2010	Benzo(b)fluoranthene	1900	ug/Kg	

**TABLE B-2b**  
**Upstream Sediment Samples (Morrow Lake)**

Sample ID	Sample Date	Analyte	Result	Unit	Data Qualifier
SEE09011255PML1	9/1/2010	Benzo(b)fluoranthene	1900	ug/Kg	
SEE10121030JDF1	10/12/2010	Benzo(b)fluoranthene	1800	ug/Kg	
SEE10111011JDF1	10/11/2010	Benzo(b)fluoranthene	1800	ug/Kg	
SEE10071101PML1	10/7/2010	Benzo(b)fluoranthene	1800	ug/Kg	
SEE09051015PML1	9/5/2010	Benzo(b)fluoranthene	1800	ug/Kg	
SEE09011635PML1	9/1/2010	Benzo(b)fluoranthene	1800	ug/Kg	
SEE09301105JDF1	9/30/2010	Benzo(b)fluoranthene	1700	ug/Kg	
SEE09091605PML1	9/9/2010	Benzo(b)fluoranthene	1700	ug/Kg	
SEE09031115JAW1	9/3/2010	Benzo(b)fluoranthene	1700	ug/Kg	
SEE09221440JDF1	9/22/2010	Benzo(b)fluoranthene	1600	ug/Kg	
SEE09171125PML1	9/17/2010	Benzo(b)fluoranthene	1600	ug/Kg	
SEE09171530PML1	9/17/2010	Benzo(b)fluoranthene	1600	ug/Kg	
SEE09130955JRP1	9/13/2010	Benzo(b)fluoranthene	1600	ug/Kg	
SEE09011545PML1	9/1/2010	Benzo(b)fluoranthene	1600	ug/Kg	
SEE10120930JDF1	10/12/2010	Benzo(b)fluoranthene	1500	ug/Kg	
SEE10051125PML1	10/5/2010	Benzo(b)fluoranthene	1500	ug/Kg	
SEE09131125PML1	9/13/2010	Benzo(b)fluoranthene	1500	ug/Kg	
SEE09121450PML1	9/12/2010	Benzo(b)fluoranthene	1500	ug/Kg	J
SEE09091025JRP1	9/9/2010	Benzo(b)fluoranthene	1500	ug/Kg	
SEE09091515PML1	9/9/2010	Benzo(b)fluoranthene	1500	ug/Kg	
SEE10091200ARM1	10/9/2010	Benzo(b)fluoranthene	1400	ug/Kg	J
SEE10061051RCM1	10/6/2010	Benzo(b)fluoranthene	1400	ug/Kg	
SEE09301255JDF1	9/30/2010	Benzo(b)fluoranthene	1400	ug/Kg	
SEE09291135JDF1	9/29/2010	Benzo(b)fluoranthene	1400	ug/Kg	
SEE09171415PML1	9/17/2010	Benzo(b)fluoranthene	1400	ug/Kg	
SEE09131620PML1	9/13/2010	Benzo(b)fluoranthene	1400	ug/Kg	
SEE09040950PML1	9/4/2010	Benzo(b)fluoranthene	1400	ug/Kg	
SEE09041350PML1	9/4/2010	Benzo(b)fluoranthene	1400	ug/Kg	
SEE09011145PML1	9/1/2010	Benzo(b)fluoranthene	1400	ug/Kg	
SEE08301530JAW1	8/30/2010	Benzo(b)fluoranthene	1400	ug/Kg	
SEE10041530JDF1	10/4/2010	Benzo(b)fluoranthene	1300	ug/Kg	
SEE09201645ARM1	9/20/2010	Benzo(b)fluoranthene	1300	ug/Kg	
SEE09130940PML1	9/13/2010	Benzo(b)fluoranthene	1300	ug/Kg	
SEE09131505PML1	9/13/2010	Benzo(b)fluoranthene	1300	ug/Kg	
SEE09091145PML1	9/9/2010	Benzo(b)fluoranthene	1300	ug/Kg	
SEE09051130PML1	9/5/2010	Benzo(b)fluoranthene	1300	ug/Kg	
SEE09011545MHS1	9/1/2010	Benzo(b)fluoranthene	1300	ug/Kg	
SEE10170915JDF1	10/17/2010	Benzo(b)fluoranthene	1200	ug/Kg	
SEE10131150JDF1	10/13/2010	Benzo(b)fluoranthene	1200	ug/Kg	
SEE10081231PML1	10/8/2010	Benzo(b)fluoranthene	1200	ug/Kg	
SEE10051653PML1	10/5/2010	Benzo(b)fluoranthene	1200	ug/Kg	
SEE09231130ARM1	9/23/2010	Benzo(b)fluoranthene	1200	ug/Kg	
SEE09170945PML1	9/17/2010	Benzo(b)fluoranthene	1200	ug/Kg	
SEE09011050PML1	9/1/2010	Benzo(b)fluoranthene	1200	ug/Kg	
SEE10071415ARM1	10/7/2010	Benzo(b)fluoranthene	1100	ug/Kg	
SEE10031115JDF1	10/3/2010	Benzo(b)fluoranthene	1100	ug/Kg	
SEE10031115JDF1	10/3/2010	Benzo(b)fluoranthene	1100	ug/Kg	
SEE09291023RCM1	9/29/2010	Benzo(b)fluoranthene	1100	ug/Kg	
SEE09260930RCM1	9/26/2010	Benzo(b)fluoranthene	1100	ug/Kg	
SEE09251135JDF1	9/25/2010	Benzo(b)fluoranthene	1100	ug/Kg	
SEE09211155JDF1	9/21/2010	Benzo(b)fluoranthene	1100	ug/Kg	
SEE09211530JDF1	9/21/2010	Benzo(b)fluoranthene	1100	ug/Kg	
SEE09091010PML1	9/9/2010	Benzo(b)fluoranthene	1100	ug/Kg	
SEE09091410PML1	9/9/2010	Benzo(b)fluoranthene	1100	ug/Kg	
SEE09061500PML1	9/6/2010	Benzo(b)fluoranthene	1100	ug/Kg	
SEE09051430PML1	9/5/2010	Benzo(b)fluoranthene	1100	ug/Kg	
SEE09021400PML1	9/2/2010	Benzo(b)fluoranthene	1100	ug/Kg	
SEE08271500PML1	8/27/2010	Benzo(b)fluoranthene	1100	ug/kg	
SEE10041138RCM1	10/4/2010	Benzo(b)fluoranthene	1000	ug/Kg	
SEE09191445RCM1	9/19/2010	Benzo(b)fluoranthene	1000	ug/Kg	

**TABLE B-2b**  
**Upstream Sediment Samples (Morrow Lake)**

Sample ID	Sample Date	Analyte	Result	Unit	Data Qualifier
SEE09121436RCM1	9/12/2010	Benzo(b)fluoranthene	1000	ug/Kg	J
SEE08301015JRP1	8/30/2010	Benzo(b)fluoranthene	1000	ug/Kg	
SEE10091401PML1	10/9/2010	Benzo(b)fluoranthene	990	ug/Kg	J
SEE10081051RCM1	10/8/2010	Benzo(b)fluoranthene	990	ug/Kg	
SEE09031645MHS1	9/3/2010	Benzo(b)fluoranthene	990	ug/Kg	
SEE09021010PML1	9/2/2010	Benzo(b)fluoranthene	980	ug/Kg	
SEE08301145MHS1	8/30/2010	Benzo(b)fluoranthene	980	ug/Kg	
SEE09030925PML1	9/3/2010	Benzo(b)fluoranthene	960	ug/Kg	
SEE08301130PML1	8/30/2010	Benzo(b)fluoranthene	960	ug/Kg	
SEE08301520JRP1	8/30/2010	Benzo(b)fluoranthene	960	ug/Kg	
SEE09061525MHS1	9/6/2010	Benzo(b)fluoranthene	950	ug/Kg	
SEE08301638MHS1	8/30/2010	Benzo(b)fluoranthene	950	ug/Kg	
SEE10171535ARM1	10/17/2010	Benzo(b)fluoranthene	940	ug/Kg	
SEE09141135PML1	9/14/2010	Benzo(b)fluoranthene	940	ug/Kg	
SEE09131026RCM1	9/13/2010	Benzo(b)fluoranthene	930	ug/Kg	
SEE10161055JDF1	10/16/2010	Benzo(b)fluoranthene	920	ug/Kg	
SEE09141515PML1	9/14/2010	Benzo(b)fluoranthene	910	ug/Kg	
SEE10011120JDF1	10/1/2010	Benzo(b)fluoranthene	900	ug/Kg	
SEE10051415ARM1	10/5/2010	Benzo(b)fluoranthene	890	ug/Kg	
SEE08281505PML1	8/28/2010	Benzo(b)fluoranthene	870	ug/kg	
SEE09121105RCM1	9/12/2010	Benzo(b)fluoranthene	850	ug/Kg	J
SEE10161530JDF1	10/16/2010	Benzo(b)fluoranthene	840	ug/Kg	
SEE09081020RCM1	9/8/2010	Benzo(b)fluoranthene	840	ug/Kg	
SEE10171410JDF1	10/17/2010	Benzo(b)fluoranthene	830	ug/Kg	
SEE10071042RCM1	10/7/2010	Benzo(b)fluoranthene	830	ug/Kg	
SEE09140945PML1	9/14/2010	Benzo(b)fluoranthene	830	ug/Kg	
SEE08301445JRP1	8/30/2010	Benzo(b)fluoranthene	830	ug/Kg	
SEE10181035JDF1	10/18/2010	Benzo(b)fluoranthene	820	ug/Kg	
SEE10161115ARM1	10/16/2010	Benzo(b)fluoranthene	820	ug/Kg	
SEE10091614PML1	10/9/2010	Benzo(b)fluoranthene	820	ug/Kg	J
SEE10141550JDF1	10/14/2010	Benzo(b)fluoranthene	810	ug/Kg	
SEE10141550JDF1	10/14/2010	Benzo(b)fluoranthene	810	ug/Kg	
SEE10121415ARM1	10/12/2010	Benzo(b)fluoranthene	810	ug/Kg	
SEE09250905RCM1	9/25/2010	Benzo(b)fluoranthene	810	ug/Kg	
SEE09111015PML1	9/11/2010	Benzo(b)fluoranthene	810	ug/Kg	J
SEE10141015JDF1	10/14/2010	Benzo(b)fluoranthene	790	ug/Kg	
SEE09161035RCM1	9/16/2010	Benzo(b)fluoranthene	790	ug/Kg	
SEE09061130MHS1	9/6/2010	Benzo(b)fluoranthene	790	ug/Kg	
SEE09181235PML1	9/18/2010	Benzo(b)fluoranthene	780	ug/Kg	
SEE09291645JDF1	9/29/2010	Benzo(b)fluoranthene	770	ug/Kg	
SEE09151145PML1	9/15/2010	Benzo(b)fluoranthene	770	ug/Kg	
SEE09151145PML1	9/15/2010	Benzo(b)fluoranthene	770	ug/Kg	
SEE09261215JDF1	9/26/2010	Benzo(b)fluoranthene	760	ug/Kg	
SEE09261625JDF1	9/26/2010	Benzo(b)fluoranthene	760	ug/Kg	
SEE09261625JDF1	9/26/2010	Benzo(b)fluoranthene	760	ug/Kg	
SEE10121155JDF1	10/12/2010	Benzo(b)fluoranthene	750	ug/Kg	
SEE09121055PML1	9/12/2010	Benzo(b)fluoranthene	750	ug/Kg	J
SEE09121055PML1	9/12/2010	Benzo(b)fluoranthene	750	ug/Kg	J
SEE08271215PML1	8/27/2010	Benzo(b)fluoranthene	750	ug/kg	
SEE08311420PML1	8/31/2010	Benzo(b)fluoranthene	740	ug/Kg	
SEE08311420PML1	8/31/2010	Benzo(b)fluoranthene	740	ug/Kg	
SEE10101215PML1	10/10/2010	Benzo(b)fluoranthene	730	ug/Kg	
SEE10101215PML1	10/10/2010	Benzo(b)fluoranthene	730	ug/Kg	
SEE09031650PML1	9/3/2010	Benzo(b)fluoranthene	730	ug/Kg	
SEE09031650PML1	9/3/2010	Benzo(b)fluoranthene	730	ug/Kg	
SEE10171115JDF1	10/17/2010	Benzo(b)fluoranthene	720	ug/Kg	
SEE10141150JDF1	10/14/2010	Benzo(b)fluoranthene	720	ug/Kg	
SEE09170839RCM1	9/17/2010	Benzo(b)fluoranthene	720	ug/Kg	
SEE10141555ARM1	10/14/2010	Benzo(b)fluoranthene	710	ug/Kg	
SEE09220935RCM1	9/22/2010	Benzo(b)fluoranthene	700	ug/Kg	

**TABLE B-2b**  
**Upstream Sediment Samples (Morrow Lake)**

Sample ID	Sample Date	Analyte	Result	Unit	Data Qualifier
SEE09191530PML1	9/19/2010	Benzo(b)fluoranthene	700	ug/Kg	
SEE09181705PML1	9/18/2010	Benzo(b)fluoranthene	700	ug/Kg	
SEE09130915JRP1	9/13/2010	Benzo(b)fluoranthene	700	ug/Kg	
SEE09031140MHS1	9/3/2010	Benzo(b)fluoranthene	700	ug/Kg	
SEE08291550KAP1	8/29/2010	Benzo(b)fluoranthene	680	ug/kg	
SEE09131445RCM1	9/13/2010	Benzo(b)fluoranthene	670	ug/Kg	
SEE08311045PML1	8/31/2010	Benzo(b)fluoranthene	670	ug/Kg	
SEE10081115PML1	10/8/2010	Benzo(b)fluoranthene	660	ug/Kg	
SEE09090900JRP1	9/9/2010	Benzo(b)fluoranthene	660	ug/Kg	
SEE08301550PML1	8/30/2010	Benzo(b)fluoranthene	660	ug/Kg	
SEE08281215PML1	8/28/2010	Benzo(b)fluoranthene	660	ug/kg	
SEE10061640PML1	10/6/2010	Benzo(b)fluoranthene	640	ug/Kg	
SEE10061640PML1	10/6/2010	Benzo(b)fluoranthene	640	ug/Kg	
SEE08281630RCM1	8/28/2010	Benzo(b)fluoranthene	640	ug/kg	J
SEE10161415JDF1	10/16/2010	Benzo(b)fluoranthene	620	ug/Kg	
SEE09071050PML1	9/7/2010	Benzo(b)fluoranthene	610	ug/Kg	
SEE10181210JDF1	10/18/2010	Benzo(b)fluoranthene	600	ug/Kg	
SEE09201115RCM1	9/20/2010	Benzo(b)fluoranthene	600	ug/Kg	
SEE09191040PML1	9/19/2010	Benzo(b)fluoranthene	580	ug/Kg	
SEE08300920JRP1	8/30/2010	Benzo(b)fluoranthene	580	ug/Kg	
SEE09081010PML1	9/8/2010	Benzo(b)fluoranthene	570	ug/Kg	
SEE09101625PML1	9/10/2010	Benzo(b)fluoranthene	560	ug/Kg	J
SEE09061105PML1	9/6/2010	Benzo(b)fluoranthene	560	ug/Kg	
SEE09200945PML1	9/20/2010	Benzo(b)fluoranthene	550	ug/Kg	
SEE09200945PML1	9/20/2010	Benzo(b)fluoranthene	550	ug/Kg	
SEE09101215PML1	9/10/2010	Benzo(b)fluoranthene	550	ug/Kg	J
SEE09091005RCM1	9/9/2010	Benzo(b)fluoranthene	550	ug/Kg	
SEE09081205PML1	9/8/2010	Benzo(b)fluoranthene	550	ug/Kg	
SEE09051550MHS1	9/5/2010	Benzo(b)fluoranthene	520	ug/Kg	
SEE10181510JDF1	10/18/2010	Benzo(b)fluoranthene	510	ug/Kg	
SEE10181510JDF1	10/18/2010	Benzo(b)fluoranthene	510	ug/Kg	
SEE08271614TWH1	8/27/2010	Benzo(b)fluoranthene	510	ug/kg	J
SEE10101010PML1	10/10/2010	Benzo(b)fluoranthene	500	ug/Kg	
SEE09211112RCM1	9/21/2010	Benzo(b)fluoranthene	490	ug/Kg	
SEE09101022PML1	9/10/2010	Benzo(b)fluoranthene	490	ug/Kg	J
SEE09031100PML1	9/3/2010	Benzo(b)fluoranthene	490	ug/Kg	
SEE08281607TWH1	8/28/2010	Benzo(b)fluoranthene	490	ug/kg	J
SEE09171445RCM1	9/17/2010	Benzo(b)fluoranthene	480	ug/Kg	
SEE10191515JDF1	10/19/2010	Benzo(b)fluoranthene	470	ug/Kg	
SEE10181430JWP1	10/18/2010	Benzo(b)fluoranthene	470	ug/Kg	
SEE10151055ARM1	10/15/2010	Benzo(b)fluoranthene	450	ug/Kg	
SEE10151355ARM1	10/15/2010	Benzo(b)fluoranthene	450	ug/Kg	
SEE09091410RCM1	9/9/2010	Benzo(b)fluoranthene	430	ug/Kg	
SEE10150945JDF1	10/15/2010	Benzo(b)fluoranthene	410	ug/Kg	
SEE08261420RCM1	8/26/2010	Benzo(b)fluoranthene	400	ug/kg	J
SEE09231645JDF1	9/23/2010	Benzo(b)fluoranthene	390	ug/Kg	
SEE09141312RCM1	9/14/2010	Benzo(b)fluoranthene	370	ug/Kg	
SEE10191100JDF1	10/19/2010	Benzo(b)fluoranthene	360	ug/Kg	
SEE09301205RCM1	9/30/2010	Benzo(b)fluoranthene	360	ug/Kg	
SEE08281510TWH1	8/28/2010	Benzo(b)fluoranthene	350	ug/kg	J
SEE08271145RCM1	8/27/2010	Benzo(b)fluoranthene	350	ug/kg	J
SEE08291354KAP1	8/29/2010	Benzo(b)fluoranthene	340	ug/kg	
SEE08291421KAP1	8/29/2010	Benzo(b)fluoranthene	340	ug/kg	J
SEE08281420TWH1	8/28/2010	Benzo(b)fluoranthene	340	ug/kg	J
SEE09230955RCM1	9/23/2010	Benzo(b)fluoranthene	330	ug/Kg	
SEE09231210JDF1	9/23/2010	Benzo(b)fluoranthene	310	ug/Kg	
SEE08271652TWH1	8/27/2010	Benzo(b)fluoranthene	310	ug/kg	J
SEE08261445JRP1	8/26/2010	Benzo(b)fluoranthene	290	ug/Kg	
SEE08311348MHS1	8/31/2010	Benzo(b)fluoranthene	280	ug/Kg	
SEE09151015PML1	9/15/2010	Benzo(b)fluoranthene	260	ug/Kg	

**TABLE B-2b**  
**Upstream Sediment Samples (Morrow Lake)**

Sample ID	Sample Date	Analyte	Result	Unit	Data Qualifier
SEE08261620RCM1	8/26/2010	Benzo(b)fluoranthene	240	ug/kg	J
SEE10071151RCM1	10/7/2010	Benzo(b)fluoranthene	230	ug/Kg	
SEE10011125ARM1	10/1/2010	Benzo(b)fluoranthene	230	ug/Kg	
SEE09290915MAE1	9/29/2010	Benzo(b)fluoranthene	220	ug/Kg	
SEE08311010JRP1	8/31/2010	Benzo(b)fluoranthene	220	ug/Kg	
SEE10061135ARM1	10/6/2010	Benzo(b)fluoranthene	190	ug/Kg	
SEE09201110ARM1	9/20/2010	Benzo(b)fluoranthene	190	ug/Kg	
SEE10211035JDF1	10/21/2010	Benzo(b)fluoranthene	180	ug/Kg	UJ
SEE10121040ARM1	10/12/2010	Benzo(b)fluoranthene	170	ug/Kg	
SEE10221110JDF1	10/22/2010	Benzo(b)fluoranthene	160	ug/Kg	U
SEE10221110JDF1	10/22/2010	Benzo(b)fluoranthene	160	ug/Kg	U
SEE10211430JDF1	10/21/2010	Benzo(b)fluoranthene	160	ug/Kg	U
SEE10191005JDF1	10/19/2010	Benzo(b)fluoranthene	160	ug/Kg	U
SEE09271500ARM1	9/27/2010	Benzo(b)fluoranthene	160	ug/Kg	
SEE08291445PML1	8/29/2010	Benzo(b)fluoranthene	160	ug/kg	J
SEE10191115JWP1	10/19/2010	Benzo(b)fluoranthene	150	ug/Kg	
SEE10191155JDF1	10/19/2010	Benzo(b)fluoranthene	150	ug/Kg	U
SEE10191415JDF1	10/19/2010	Benzo(b)fluoranthene	150	ug/Kg	U
SEE10141025ARM1	10/14/2010	Benzo(b)fluoranthene	150	ug/Kg	
SEE10211010JWP1	10/21/2010	Benzo(b)fluoranthene	140	ug/Kg	U
SEE08291110PML1	8/29/2010	Benzo(b)fluoranthene	140	ug/kg	J
SEE10221055DWS1	10/22/2010	Benzo(b)fluoranthene	130	ug/Kg	U
SEE10191010JWP1	10/19/2010	Benzo(b)fluoranthene	130	ug/Kg	U
SEE10071045ARM1	10/7/2010	Benzo(b)fluoranthene	130	ug/Kg	
SEF10011045TDF1	10/1/2010	Benzo(b)fluoranthene	130	ug/Kg	
SEE09140945JRP1	9/14/2010	Benzo(b)fluoranthene	130	ug/Kg	
SEE08261700JRP1	8/26/2010	Benzo(b)fluoranthene	130	ug/Kg	
SEE09171200ARM1	9/17/2010	Benzo(b)fluoranthene	120	ug/Kg	
SEE09301025MAE1	9/30/2010	Benzo(b)fluoranthene	110	ug/Kg	
SEE09150915JRP1	9/15/2010	Benzo(b)fluoranthene	110	ug/Kg	
SEE09051500MHS1	9/5/2010	Benzo(b)fluoranthene	110	ug/Kg	
SEE08271445JRP1	8/27/2010	Benzo(b)fluoranthene	110	ug/kg	J
SEE09211120ARM1	9/21/2010	Benzo(b)fluoranthene	93	ug/Kg	
SEE09231035ARM1	9/23/2010	Benzo(b)fluoranthene	91	ug/Kg	
SEE08281540JRP1	8/28/2010	Benzo(b)fluoranthene	83	ug/kg	J
SEE09251235ARM1	9/25/2010	Benzo(b)fluoranthene	72	ug/Kg	
SEE08301410JRP1	8/30/2010	Benzo(b)fluoranthene	66	ug/Kg	
SEE10041045ARM1	10/4/2010	Benzo(b)fluoranthene	65	ug/Kg	
SEE09231205RCM1	9/23/2010	Benzo(b)fluoranthene	64	ug/Kg	
SEE10211345JWP1	10/21/2010	Benzo(b)fluoranthene	62	ug/Kg	U
SEE09070930JRP1	9/7/2010	Benzo(b)fluoranthene	62	ug/Kg	
SEE09100920JRP1	9/10/2010	Benzo(b)fluoranthene	59	ug/Kg	J
SEE10221450DWS1	10/22/2010	Benzo(b)fluoranthene	52	ug/Kg	J
SEE09100945RCM1	9/10/2010	Benzo(b)fluoranthene	52	ug/Kg	UJ
SEE08271536TWH1	8/27/2010	Benzo(b)fluoranthene	50	ug/kg	J
SEF10221050MAE3	10/22/2010	Benzo(b)fluoranthene	46	ug/Kg	U
SEE09200911RCM1	9/20/2010	Benzo(b)fluoranthene	46	ug/Kg	U
SEF10191135NAC3	10/19/2010	Benzo(b)fluoranthene	44	ug/Kg	U
SEB08281400JLS1	8/28/2010	Benzo(b)fluoranthene	44	ug/kg	J
SEF10151030PMB3	10/15/2010	Benzo(b)fluoranthene	42	ug/Kg	U
SEF10121130PMB3	10/12/2010	Benzo(b)fluoranthene	42	ug/Kg	U
SEE09080930JRP1	9/8/2010	Benzo(b)fluoranthene	40	ug/Kg	U
SEF09281139TDF1	9/28/2010	Benzo(b)fluoranthene	39	ug/Kg	U
SEE09051500JAW1	9/5/2010	Benzo(b)fluoranthene	39	ug/Kg	J
SEF10051206TDF3	10/5/2010	Benzo(b)fluoranthene	38	ug/Kg	J
SEE10181030JWP1	10/18/2010	Benzo(b)fluoranthene	37	ug/Kg	U
SEE08301100JRP1	8/30/2010	Benzo(b)fluoranthene	30	ug/Kg	J
SEE10081035ARM1	10/8/2010	Benzo(b)fluoranthene	29	ug/Kg	J
SEE09170935RCM1	9/17/2010	Benzo(b)fluoranthene	18	ug/Kg	J
SEE10011043RCM1	10/1/2010	Benzo(b)fluoranthene	17	ug/Kg	J



**TABLE B-2b**  
**Upstream Sediment Samples (Morrow Lake)**

Sample ID	Sample Date	Analyte	Result	Unit	Data Qualifier
SEE09281445RCM1	9/28/2010	Benzo(b)fluoranthene	16	ug/Kg	J
SEE09011515JAW1	9/1/2010	Benzo(b)fluoranthene	16	ug/Kg	J
SEE09221045ARM1	9/22/2010	Benzo(b)fluoranthene	15	ug/Kg	J
SEB09011143JLS1	9/1/2010	Benzo(b)fluoranthene	15	ug/Kg	J
SEE10131035ARM1	10/13/2010	Benzo(b)fluoranthene	14	ug/Kg	J
SEE10051145RCM1	10/5/2010	Benzo(b)fluoranthene	12	ug/Kg	J
SEF10081108TDF3	10/8/2010	Benzo(b)fluoranthene	11	ug/Kg	J
ML-03-S-082010	8/20/2010	Benzo(b)fluoranthene	2.3	mg/Kg	
ML-03-S-081610	8/16/2010	Benzo(b)fluoranthene	2.2	mg/Kg	
ML-03-S-082510	8/25/2010	Benzo(b)fluoranthene	1.9	mg/Kg	
ML-05-S-082310	8/23/2010	Benzo(b)fluoranthene	1.8	mg/Kg	
ML-04-S-082010	8/20/2010	Benzo(b)fluoranthene	1.8	mg/Kg	
ML-03-S-082310	8/23/2010	Benzo(b)fluoranthene	1.7	mg/Kg	J
ML-05-S-082010	8/20/2010	Benzo(b)fluoranthene	1.7	mg/Kg	
ML-04-S-082410	8/24/2010	Benzo(b)fluoranthene	1.6	mg/Kg	J
ML-05-S-081710	8/17/2010	Benzo(b)fluoranthene	1.6	mg/Kg	
ML-01-S-081610	8/16/2010	Benzo(b)fluoranthene	1.6	mg/Kg	
ML-01-S-082510	8/25/2010	Benzo(b)fluoranthene	1.5	mg/Kg	
ML-02-S-082310	8/23/2010	Benzo(b)fluoranthene	1.5	mg/Kg	
ML-04-S-082610	8/26/2010	Benzo(b)fluoranthene	1.4	mg/Kg	
ML-02-S-082510	8/25/2010	Benzo(b)fluoranthene	1.4	mg/Kg	
ML-02-S-082010	8/20/2010	Benzo(b)fluoranthene	1.4	mg/Kg	
ML-04-S-081710	8/17/2010	Benzo(b)fluoranthene	1.2	mg/Kg	
ML-01-S-082110	8/21/2010	Benzo(b)fluoranthene	1.1	mg/Kg	
ML-01-S-081910	8/19/2010	Benzo(b)fluoranthene	1.0	mg/Kg	
ML-07-S-082410	8/24/2010	Benzo(b)fluoranthene	0.96	mg/Kg	J
ML-07-S-082110	8/21/2010	Benzo(b)fluoranthene	0.90	mg/Kg	
ML-05-S-082610	8/26/2010	Benzo(b)fluoranthene	0.88	mg/Kg	
ML-08-S-082510	8/25/2010	Benzo(b)fluoranthene	0.84	mg/Kg	
ML-02-S-081710	8/17/2010	Benzo(b)fluoranthene	0.72	mg/Kg	
ML-06-S-082310	8/23/2010	Benzo(b)fluoranthene	0.66	mg/Kg	
ML-06-S-082510	8/25/2010	Benzo(b)fluoranthene	0.65	mg/Kg	
ML-10-S-081610	8/16/2010	Benzo(b)fluoranthene	0.64	mg/Kg	
ML-10-S-081610	8/16/2010	Benzo(b)fluoranthene	0.64	mg/Kg	
ML-08-S-081610	8/16/2010	Benzo(b)fluoranthene	0.60	mg/Kg	
ML-10-S-082610	8/26/2010	Benzo(b)fluoranthene	0.59	mg/Kg	
ML-10-S-082610	8/26/2010	Benzo(b)fluoranthene	0.59	mg/Kg	
ML-07-S-081610	8/16/2010	Benzo(b)fluoranthene	0.56	mg/Kg	
ML-10-S-082110	8/21/2010	Benzo(b)fluoranthene	0.55	mg/Kg	
ML-10-S-082110	8/21/2010	Benzo(b)fluoranthene	0.55	mg/Kg	
ML-07-S-082510	8/25/2010	Benzo(b)fluoranthene	0.54	mg/Kg	
ML-09-S-082110	8/21/2010	Benzo(b)fluoranthene	0.54	mg/Kg	
ML-10-S-081910	8/19/2010	Benzo(b)fluoranthene	0.53	mg/Kg	
ML-10-S-081910	8/19/2010	Benzo(b)fluoranthene	0.53	mg/Kg	
ML-07-S-081810	8/18/2010	Benzo(b)fluoranthene	0.53	mg/Kg	J
ML-09-S-082510	8/25/2010	Benzo(b)fluoranthene	0.51	mg/Kg	
ML-10-S-082410	8/24/2010	Benzo(b)fluoranthene	0.48	mg/Kg	J
ML-10-S-082410	8/24/2010	Benzo(b)fluoranthene	0.48	mg/Kg	J
ML-09-S-082410	8/24/2010	Benzo(b)fluoranthene	0.45	mg/Kg	J
ML-06-S-081710	8/17/2010	Benzo(b)fluoranthene	0.44	mg/Kg	
ML-06-S-082010	8/20/2010	Benzo(b)fluoranthene	0.43	mg/Kg	
ML-09-S-081810	8/18/2010	Benzo(b)fluoranthene	0.41	mg/Kg	J
ML-08-S-082410	8/24/2010	Benzo(b)fluoranthene	0.31	mg/Kg	J
ML-08-S-082110	8/21/2010	Benzo(b)fluoranthene	0.26	mg/Kg	
SEE10041335JDF1	10/4/2010	Benzo(g,h,i)perylene	1700	ug/Kg	
SEE10031425JDF1	10/3/2010	Benzo(g,h,i)perylene	1600	ug/Kg	
SEE10071205PML1	10/7/2010	Benzo(g,h,i)perylene	1500	ug/Kg	
SEE10040945JDF1	10/4/2010	Benzo(g,h,i)perylene	1400	ug/Kg	
SEE10041150JDF1	10/4/2010	Benzo(g,h,i)perylene	1400	ug/Kg	
SEE09051430PML1	9/5/2010	Benzo(g,h,i)perylene	1400	ug/Kg	

**TABLE B-2b**  
**Upstream Sediment Samples (Morrow Lake)**

Sample ID	Sample Date	Analyte	Result	Unit	Data Qualifier
SEE10071540PML1	10/7/2010	Benzo(g,h,i)perylene	1300	ug/Kg	
SEE09301255MAE1	9/30/2010	Benzo(g,h,i)perylene	1300	ug/Kg	
SEE09221615JDF1	9/22/2010	Benzo(g,h,i)perylene	1300	ug/Kg	
SEE09061610JAW1	9/6/2010	Benzo(g,h,i)perylene	1300	ug/Kg	
SEE10121030JDF1	10/12/2010	Benzo(g,h,i)perylene	1200	ug/Kg	
SEE10071101PML1	10/7/2010	Benzo(g,h,i)perylene	1200	ug/Kg	
SEE09290925JDF1	9/29/2010	Benzo(g,h,i)perylene	1200	ug/Kg	
SEE09011255PML1	9/1/2010	Benzo(g,h,i)perylene	1200	ug/Kg	
SEE10061205PML1	10/6/2010	Benzo(g,h,i)perylene	1100	ug/Kg	
SEE10041050JDF1	10/4/2010	Benzo(g,h,i)perylene	1100	ug/Kg	
SEE09291035JDF1	9/29/2010	Benzo(g,h,i)perylene	1100	ug/Kg	
SEE09271515JDF1	9/27/2010	Benzo(g,h,i)perylene	1100	ug/Kg	
SEE09221105JDF1	9/22/2010	Benzo(g,h,i)perylene	1100	ug/Kg	
SEE09171125PML1	9/17/2010	Benzo(g,h,i)perylene	1100	ug/Kg	
SEE09051015PML1	9/5/2010	Benzo(g,h,i)perylene	1100	ug/Kg	
SEE09031115JAW1	9/3/2010	Benzo(g,h,i)perylene	1100	ug/Kg	
SEE09011635PML1	9/1/2010	Benzo(g,h,i)perylene	1100	ug/Kg	
SEE09301255JDF1	9/30/2010	Benzo(g,h,i)perylene	990	ug/Kg	
SEE10041355ARM1	10/4/2010	Benzo(g,h,i)perylene	980	ug/Kg	
SEE09121450PML1	9/12/2010	Benzo(g,h,i)perylene	970	ug/Kg	J
SEE10170915JDF1	10/17/2010	Benzo(g,h,i)perylene	960	ug/Kg	
SEE09131620PML1	9/13/2010	Benzo(g,h,i)perylene	960	ug/Kg	J
SEE09221440JDF1	9/22/2010	Benzo(g,h,i)perylene	950	ug/Kg	
SEE09161045PML1	9/16/2010	Benzo(g,h,i)perylene	950	ug/Kg	
SEE09011545PML1	9/1/2010	Benzo(g,h,i)perylene	940	ug/Kg	
SEE10120930JDF1	10/12/2010	Benzo(g,h,i)perylene	930	ug/Kg	
SEE10111350JDF1	10/11/2010	Benzo(g,h,i)perylene	930	ug/Kg	
SEE09130955JRP1	9/13/2010	Benzo(g,h,i)perylene	930	ug/Kg	
SEE09171530PML1	9/17/2010	Benzo(g,h,i)perylene	910	ug/Kg	
SEE09041350PML1	9/4/2010	Benzo(g,h,i)perylene	890	ug/Kg	
SEE09301105JDF1	9/30/2010	Benzo(g,h,i)perylene	870	ug/Kg	
SEE10051125PML1	10/5/2010	Benzo(g,h,i)perylene	850	ug/Kg	
SEE09051130PML1	9/5/2010	Benzo(g,h,i)perylene	850	ug/Kg	
SEE09131125PML1	9/13/2010	Benzo(g,h,i)perylene	830	ug/Kg	
SEE09091515PML1	9/9/2010	Benzo(g,h,i)perylene	830	ug/Kg	
SEE09091605PML1	9/9/2010	Benzo(g,h,i)perylene	820	ug/Kg	
SEE08301530JAW1	8/30/2010	Benzo(g,h,i)perylene	820	ug/Kg	
SEE10111125JDF1	10/11/2010	Benzo(g,h,i)perylene	810	ug/Kg	
SEE09011145PML1	9/1/2010	Benzo(g,h,i)perylene	800	ug/Kg	
SEE10111011JDF1	10/11/2010	Benzo(g,h,i)perylene	790	ug/Kg	
SEE09171415PML1	9/17/2010	Benzo(g,h,i)perylene	790	ug/Kg	
SEE10081231PML1	10/8/2010	Benzo(g,h,i)perylene	770	ug/Kg	
SEE09011050PML1	9/1/2010	Benzo(g,h,i)perylene	760	ug/Kg	
SEE10171535ARM1	10/17/2010	Benzo(g,h,i)perylene	750	ug/Kg	
SEE10051653PML1	10/5/2010	Benzo(g,h,i)perylene	750	ug/Kg	
SEE09131505PML1	9/13/2010	Benzo(g,h,i)perylene	750	ug/Kg	
SEE09091025JRP1	9/9/2010	Benzo(g,h,i)perylene	750	ug/Kg	
SEE09291135JDF1	9/29/2010	Benzo(g,h,i)perylene	740	ug/Kg	
SEE10071415ARM1	10/7/2010	Benzo(g,h,i)perylene	720	ug/Kg	
SEE09211155JDF1	9/21/2010	Benzo(g,h,i)perylene	720	ug/Kg	
SEE09201645ARM1	9/20/2010	Benzo(g,h,i)perylene	720	ug/Kg	
SEE09011545MHS1	9/1/2010	Benzo(g,h,i)perylene	720	ug/Kg	
SEE09170945PML1	9/17/2010	Benzo(g,h,i)perylene	710	ug/Kg	
SEE09211530JDF1	9/21/2010	Benzo(g,h,i)perylene	690	ug/Kg	
SEE09130940PML1	9/13/2010	Benzo(g,h,i)perylene	690	ug/Kg	
SEE10171410JDF1	10/17/2010	Benzo(g,h,i)perylene	680	ug/Kg	
SEE10131150JDF1	10/13/2010	Benzo(g,h,i)perylene	670	ug/Kg	
SEE10061051RCM1	10/6/2010	Benzo(g,h,i)perylene	670	ug/Kg	
SEE09231130ARM1	9/23/2010	Benzo(g,h,i)perylene	670	ug/Kg	
SEE09040950PML1	9/4/2010	Benzo(g,h,i)perylene	670	ug/Kg	

**TABLE B-2b**  
**Upstream Sediment Samples (Morrow Lake)**

Sample ID	Sample Date	Analyte	Result	Unit	Data Qualifier
SEE09021400PML1	9/2/2010	Benzo(g,h,i)perylene	670	ug/Kg	
SEE08301145MHS1	8/30/2010	Benzo(g,h,i)perylene	660	ug/Kg	
SEE10091200ARM1	10/9/2010	Benzo(g,h,i)perylene	650	ug/Kg	J
SEE09260930RCM1	9/26/2010	Benzo(g,h,i)perylene	650	ug/Kg	
SEE09251135JDF1	9/25/2010	Benzo(g,h,i)perylene	650	ug/Kg	
SEE09061500PML1	9/6/2010	Benzo(g,h,i)perylene	650	ug/Kg	
SEE09091410PML1	9/9/2010	Benzo(g,h,i)perylene	640	ug/Kg	
SEE09061525MHS1	9/6/2010	Benzo(g,h,i)perylene	640	ug/Kg	
SEE09031645MHS1	9/3/2010	Benzo(g,h,i)perylene	640	ug/Kg	
SEE08301638MHS1	8/30/2010	Benzo(g,h,i)perylene	640	ug/Kg	
SEE09091145PML1	9/9/2010	Benzo(g,h,i)perylene	630	ug/Kg	
SEE08301015JRP1	8/30/2010	Benzo(g,h,i)perylene	630	ug/Kg	
SEE10121415ARM1	10/12/2010	Benzo(g,h,i)perylene	620	ug/Kg	
SEE10031115JDF1	10/3/2010	Benzo(g,h,i)perylene	620	ug/Kg	
SEE10031115JDF1	10/3/2010	Benzo(g,h,i)perylene	620	ug/Kg	
SEE10181035JDF1	10/18/2010	Benzo(g,h,i)perylene	610	ug/Kg	
SEE09030925PML1	9/3/2010	Benzo(g,h,i)perylene	600	ug/Kg	
SEE10041530JDF1	10/4/2010	Benzo(g,h,i)perylene	590	ug/Kg	
SEE09291023RCM1	9/29/2010	Benzo(g,h,i)perylene	590	ug/Kg	
SEE09121055PML1	9/12/2010	Benzo(g,h,i)perylene	590	ug/Kg	J
SEE09121055PML1	9/12/2010	Benzo(g,h,i)perylene	590	ug/Kg	J
SEE09081020RCM1	9/8/2010	Benzo(g,h,i)perylene	590	ug/Kg	
SEE08301130PML1	8/30/2010	Benzo(g,h,i)perylene	590	ug/Kg	
SEE08271500PML1	8/27/2010	Benzo(g,h,i)perylene	590	ug/kg	J
SEE09271025ARM1	9/27/2010	Benzo(g,h,i)perylene	580	ug/Kg	
SEE09051550MHS1	9/5/2010	Benzo(g,h,i)perylene	580	ug/Kg	
SEE09021010PML1	9/2/2010	Benzo(g,h,i)perylene	580	ug/Kg	
SEE10091401PML1	10/9/2010	Benzo(g,h,i)perylene	570	ug/Kg	J
SEE10011120JDF1	10/1/2010	Benzo(g,h,i)perylene	570	ug/Kg	
SEE09250905RCM1	9/25/2010	Benzo(g,h,i)perylene	570	ug/Kg	
SEE10171115JDF1	10/17/2010	Benzo(g,h,i)perylene	560	ug/Kg	
SEE09261625JDF1	9/26/2010	Benzo(g,h,i)perylene	560	ug/Kg	
SEE09261625JDF1	9/26/2010	Benzo(g,h,i)perylene	560	ug/Kg	
SEE09191445RCM1	9/19/2010	Benzo(g,h,i)perylene	560	ug/Kg	
SEE09121436RCM1	9/12/2010	Benzo(g,h,i)perylene	560	ug/Kg	J
SEE09091010PML1	9/9/2010	Benzo(g,h,i)perylene	560	ug/Kg	
SEE08301520JRP1	8/30/2010	Benzo(g,h,i)perylene	560	ug/Kg	
SEE10161055JDF1	10/16/2010	Benzo(g,h,i)perylene	550	ug/Kg	
SEE10081051RCM1	10/8/2010	Benzo(g,h,i)perylene	550	ug/Kg	
SEE10071042RCM1	10/7/2010	Benzo(g,h,i)perylene	550	ug/Kg	
SEE10051415ARM1	10/5/2010	Benzo(g,h,i)perylene	540	ug/Kg	
SEE10141550JDF1	10/14/2010	Benzo(g,h,i)perylene	530	ug/Kg	
SEE10141550JDF1	10/14/2010	Benzo(g,h,i)perylene	530	ug/Kg	
SEE09141135PML1	9/14/2010	Benzo(g,h,i)perylene	530	ug/Kg	
SEE09141515PML1	9/14/2010	Benzo(g,h,i)perylene	530	ug/Kg	
SEE09151145PML1	9/15/2010	Benzo(g,h,i)perylene	520	ug/Kg	
SEE09151145PML1	9/15/2010	Benzo(g,h,i)perylene	520	ug/Kg	
SEE10101215PML1	10/10/2010	Benzo(g,h,i)perylene	510	ug/Kg	
SEE10101215PML1	10/10/2010	Benzo(g,h,i)perylene	510	ug/Kg	
SEE09121105RCM1	9/12/2010	Benzo(g,h,i)perylene	510	ug/Kg	J
SEE09061130MHS1	9/6/2010	Benzo(g,h,i)perylene	510	ug/Kg	
SEE09261215JDF1	9/26/2010	Benzo(g,h,i)perylene	500	ug/Kg	
SEE09170839RCM1	9/17/2010	Benzo(g,h,i)perylene	500	ug/Kg	
SEE09140945PML1	9/14/2010	Benzo(g,h,i)perylene	500	ug/Kg	
SEE09111015PML1	9/11/2010	Benzo(g,h,i)perylene	500	ug/Kg	J
SEE10151355ARM1	10/15/2010	Benzo(g,h,i)perylene	490	ug/Kg	
SEE10121155JDF1	10/12/2010	Benzo(g,h,i)perylene	490	ug/Kg	
SEE10041138RCM1	10/4/2010	Benzo(g,h,i)perylene	490	ug/Kg	
SEE10181210JDF1	10/18/2010	Benzo(g,h,i)perylene	480	ug/Kg	
SEE09191530PML1	9/19/2010	Benzo(g,h,i)perylene	480	ug/Kg	

**TABLE B-2b**  
**Upstream Sediment Samples (Morrow Lake)**

Sample ID	Sample Date	Analyte	Result	Unit	Data Qualifier
SEE09181235PML1	9/18/2010	Benzo(g,h,i)perylene	480	ug/Kg	
SEE09161035RCM1	9/16/2010	Benzo(g,h,i)perylene	480	ug/Kg	
SEE09131026RCM1	9/13/2010	Benzo(g,h,i)perylene	480	ug/Kg	
SEE10161115ARM1	10/16/2010	Benzo(g,h,i)perylene	470	ug/Kg	
SEE10141150JDF1	10/14/2010	Benzo(g,h,i)perylene	470	ug/Kg	
SEE08301445JRP1	8/30/2010	Benzo(g,h,i)perylene	470	ug/Kg	
SEE10161530JDF1	10/16/2010	Benzo(g,h,i)perylene	460	ug/Kg	
SEE10181510JDF1	10/18/2010	Benzo(g,h,i)perylene	450	ug/Kg	
SEE10181510JDF1	10/18/2010	Benzo(g,h,i)perylene	450	ug/Kg	
SEE09181705PML1	9/18/2010	Benzo(g,h,i)perylene	450	ug/Kg	
SEE08311420PML1	8/31/2010	Benzo(g,h,i)perylene	450	ug/Kg	
SEE08311420PML1	8/31/2010	Benzo(g,h,i)perylene	450	ug/Kg	
SEE09220935RCM1	9/22/2010	Benzo(g,h,i)perylene	440	ug/Kg	
SEE09090900JRP1	9/9/2010	Benzo(g,h,i)perylene	440	ug/Kg	
SEE10150945JDF1	10/15/2010	Benzo(g,h,i)perylene	430	ug/Kg	
SEE10091614PML1	10/9/2010	Benzo(g,h,i)perylene	430	ug/Kg	J
SEE10081115PML1	10/8/2010	Benzo(g,h,i)perylene	430	ug/Kg	
SEE09291645JDF1	9/29/2010	Benzo(g,h,i)perylene	430	ug/Kg	
SEE09271130JDF1	9/27/2010	Benzo(g,h,i)perylene	430	ug/Kg	
SEE09061105PML1	9/6/2010	Benzo(g,h,i)perylene	430	ug/Kg	
SEE08311045PML1	8/31/2010	Benzo(g,h,i)perylene	430	ug/Kg	
SEE08301550PML1	8/30/2010	Benzo(g,h,i)perylene	430	ug/Kg	
SEE09031140MHS1	9/3/2010	Benzo(g,h,i)perylene	420	ug/Kg	
SEE09031650PML1	9/3/2010	Benzo(g,h,i)perylene	420	ug/Kg	
SEE09031650PML1	9/3/2010	Benzo(g,h,i)perylene	420	ug/Kg	
SEE10141015JDF1	10/14/2010	Benzo(g,h,i)perylene	410	ug/Kg	
SEE10141555ARM1	10/14/2010	Benzo(g,h,i)perylene	400	ug/Kg	
SEE08271215PML1	8/27/2010	Benzo(g,h,i)perylene	400	ug/kg	J
SEE10061640PML1	10/6/2010	Benzo(g,h,i)perylene	390	ug/Kg	
SEE10061640PML1	10/6/2010	Benzo(g,h,i)perylene	390	ug/Kg	
SEE10151055ARM1	10/15/2010	Benzo(g,h,i)perylene	380	ug/Kg	
SEE09131445RCM1	9/13/2010	Benzo(g,h,i)perylene	380	ug/Kg	
SEE09081010PML1	9/8/2010	Benzo(g,h,i)perylene	380	ug/Kg	
SEE09071050PML1	9/7/2010	Benzo(g,h,i)perylene	380	ug/Kg	
SEE08281505PML1	8/28/2010	Benzo(g,h,i)perylene	370	ug/kg	J
SEE09081205PML1	9/8/2010	Benzo(g,h,i)perylene	360	ug/Kg	
SEE08300920JRP1	8/30/2010	Benzo(g,h,i)perylene	360	ug/Kg	
SEE10181430JWP1	10/18/2010	Benzo(g,h,i)perylene	350	ug/Kg	
SEE10161415JDF1	10/16/2010	Benzo(g,h,i)perylene	350	ug/Kg	
SEE09201115RCM1	9/20/2010	Benzo(g,h,i)perylene	350	ug/Kg	
SEE09200945PML1	9/20/2010	Benzo(g,h,i)perylene	340	ug/Kg	
SEE09200945PML1	9/20/2010	Benzo(g,h,i)perylene	340	ug/Kg	
SEE09031100PML1	9/3/2010	Benzo(g,h,i)perylene	330	ug/Kg	
SEE09101215PML1	9/10/2010	Benzo(g,h,i)perylene	320	ug/Kg	J
SEE09101625PML1	9/10/2010	Benzo(g,h,i)perylene	320	ug/Kg	J
SEE08291550KAP1	8/29/2010	Benzo(g,h,i)perylene	320	ug/kg	J
SEE08281630RCM1	8/28/2010	Benzo(g,h,i)perylene	320	ug/kg	J
SEE09191040PML1	9/19/2010	Benzo(g,h,i)perylene	310	ug/Kg	
SEE08281215PML1	8/28/2010	Benzo(g,h,i)perylene	310	ug/kg	J
SEE10101010PML1	10/10/2010	Benzo(g,h,i)perylene	300	ug/Kg	
SEE09211112RCM1	9/21/2010	Benzo(g,h,i)perylene	300	ug/Kg	
SEE09130915JRP1	9/13/2010	Benzo(g,h,i)perylene	290	ug/Kg	
SEE09231645JDF1	9/23/2010	Benzo(g,h,i)perylene	280	ug/Kg	
SEE09171445RCM1	9/17/2010	Benzo(g,h,i)perylene	280	ug/Kg	
SEE09101022PML1	9/10/2010	Benzo(g,h,i)perylene	280	ug/Kg	J
SEE09091005RCM1	9/9/2010	Benzo(g,h,i)perylene	280	ug/Kg	
SEE10191515JDF1	10/19/2010	Benzo(g,h,i)perylene	260	ug/Kg	
SEE09091410RCM1	9/9/2010	Benzo(g,h,i)perylene	250	ug/Kg	
SEE08261420RCM1	8/26/2010	Benzo(g,h,i)perylene	250	ug/kg	J
SEE09151015PML1	9/15/2010	Benzo(g,h,i)perylene	240	ug/Kg	

**TABLE B-2b**  
**Upstream Sediment Samples (Morrow Lake)**

Sample ID	Sample Date	Analyte	Result	Unit	Data Qualifier
SEE09141312RCM1	9/14/2010	Benzo(g,h,i)perylene	240	ug/Kg	
SEE08271614TWH1	8/27/2010	Benzo(g,h,i)perylene	240	ug/kg	J
SEE09301205RCM1	9/30/2010	Benzo(g,h,i)perylene	230	ug/Kg	
SEE09271500ARM1	9/27/2010	Benzo(g,h,i)perylene	200	ug/Kg	
SEE09231210JDF1	9/23/2010	Benzo(g,h,i)perylene	200	ug/Kg	
SEE08261445JRP1	8/26/2010	Benzo(g,h,i)perylene	200	ug/Kg	
SEE10071151RCM1	10/7/2010	Benzo(g,h,i)perylene	190	ug/Kg	
SEE09230955RCM1	9/23/2010	Benzo(g,h,i)perylene	190	ug/Kg	
SEE08281607TWH1	8/28/2010	Benzo(g,h,i)perylene	190	ug/kg	J
SEE10211035JDF1	10/21/2010	Benzo(g,h,i)perylene	180	ug/Kg	UJ
SEE08291354KAP1	8/29/2010	Benzo(g,h,i)perylene	180	ug/kg	J
SEE08311348MHS1	8/31/2010	Benzo(g,h,i)perylene	170	ug/Kg	
SEE08271145RCM1	8/27/2010	Benzo(g,h,i)perylene	170	ug/kg	J
SEE10221110JDF1	10/22/2010	Benzo(g,h,i)perylene	160	ug/Kg	U
SEE10221110JDF1	10/22/2010	Benzo(g,h,i)perylene	160	ug/Kg	U
SEE10211430JDF1	10/21/2010	Benzo(g,h,i)perylene	160	ug/Kg	U
SEE10191005JDF1	10/19/2010	Benzo(g,h,i)perylene	160	ug/Kg	U
SEE08291421KAP1	8/29/2010	Benzo(g,h,i)perylene	160	ug/kg	J
SEE08281420TWH1	8/28/2010	Benzo(g,h,i)perylene	160	ug/kg	J
SEE10191155JDF1	10/19/2010	Benzo(g,h,i)perylene	150	ug/Kg	U
SEE10191415JDF1	10/19/2010	Benzo(g,h,i)perylene	150	ug/Kg	U
SEE08281510TWH1	8/28/2010	Benzo(g,h,i)perylene	150	ug/kg	J
SEE08271652TWH1	8/27/2010	Benzo(g,h,i)perylene	150	ug/kg	J
SEE10211010JWP1	10/21/2010	Benzo(g,h,i)perylene	140	ug/Kg	U
SEE10191100JDF1	10/19/2010	Benzo(g,h,i)perylene	140	ug/Kg	U
SEE10221055DWS1	10/22/2010	Benzo(g,h,i)perylene	130	ug/Kg	U
SEE10191010JWP1	10/19/2010	Benzo(g,h,i)perylene	130	ug/Kg	U
SEE09290915MAE1	9/29/2010	Benzo(g,h,i)perylene	130	ug/Kg	
SEE08261620RCM1	8/26/2010	Benzo(g,h,i)perylene	130	ug/kg	J
SEE10011125ARM1	10/1/2010	Benzo(g,h,i)perylene	120	ug/Kg	
SEE10061135ARM1	10/6/2010	Benzo(g,h,i)perylene	110	ug/Kg	
SEE10071045ARM1	10/7/2010	Benzo(g,h,i)perylene	100	ug/Kg	
SEE09201110ARM1	9/20/2010	Benzo(g,h,i)perylene	100	ug/Kg	
SEE10121040ARM1	10/12/2010	Benzo(g,h,i)perylene	96	ug/Kg	
SEE08311010JRP1	8/31/2010	Benzo(g,h,i)perylene	91	ug/Kg	J
SEE10141025ARM1	10/14/2010	Benzo(g,h,i)perylene	82	ug/Kg	
SEE09171200ARM1	9/17/2010	Benzo(g,h,i)perylene	82	ug/Kg	
SEE09051500MHS1	9/5/2010	Benzo(g,h,i)perylene	81	ug/Kg	
SEE09301025MAE1	9/30/2010	Benzo(g,h,i)perylene	78	ug/Kg	
SEE08261700JRP1	8/26/2010	Benzo(g,h,i)perylene	78	ug/Kg	
SEE08291110PML1	8/29/2010	Benzo(g,h,i)perylene	75	ug/kg	J
SEE10221450DWS1	10/22/2010	Benzo(g,h,i)perylene	73	ug/Kg	U
SEE08291445PML1	8/29/2010	Benzo(g,h,i)perylene	73	ug/kg	J
SEE09140945JRP1	9/14/2010	Benzo(g,h,i)perylene	70	ug/Kg	
SEE10211345JWP1	10/21/2010	Benzo(g,h,i)perylene	62	ug/Kg	U
SEE09150915JRP1	9/15/2010	Benzo(g,h,i)perylene	57	ug/Kg	
SEE09231035ARM1	9/23/2010	Benzo(g,h,i)perylene	54	ug/Kg	
SEE08271445JRP1	8/27/2010	Benzo(g,h,i)perylene	54	ug/kg	J
SEF10011045TDF1	10/1/2010	Benzo(g,h,i)perylene	53	ug/Kg	
SEE09211120ARM1	9/21/2010	Benzo(g,h,i)perylene	53	ug/Kg	
SEE09100945RCM1	9/10/2010	Benzo(g,h,i)perylene	52	ug/Kg	UJ
SEE10191115JWP1	10/19/2010	Benzo(g,h,i)perylene	48	ug/Kg	
SEF10221050MAE3	10/22/2010	Benzo(g,h,i)perylene	46	ug/Kg	U
SEF10191135NAC3	10/19/2010	Benzo(g,h,i)perylene	44	ug/Kg	U
SEF10081108TDF3	10/8/2010	Benzo(g,h,i)perylene	43	ug/Kg	U
SEE10011043RCM1	10/1/2010	Benzo(g,h,i)perylene	43	ug/Kg	U
SEE09231205RCM1	9/23/2010	Benzo(g,h,i)perylene	43	ug/Kg	J
SEE09170935RCM1	9/17/2010	Benzo(g,h,i)perylene	43	ug/Kg	U
SEF10151030PMB3	10/15/2010	Benzo(g,h,i)perylene	42	ug/Kg	U
SEF10121130PMB3	10/12/2010	Benzo(g,h,i)perylene	42	ug/Kg	U

**TABLE B-2b**  
**Upstream Sediment Samples (Morrow Lake)**

Sample ID	Sample Date	Analyte	Result	Unit	Data Qualifier
SEE09070930JRP1	9/7/2010	Benzo(g,h,i)perylene	42	ug/Kg	J
SEE10131035ARM1	10/13/2010	Benzo(g,h,i)perylene	40	ug/Kg	U
SEE10051145RCM1	10/5/2010	Benzo(g,h,i)perylene	40	ug/Kg	U
SEE10041045ARM1	10/4/2010	Benzo(g,h,i)perylene	40	ug/Kg	J
SEE09221045ARM1	9/22/2010	Benzo(g,h,i)perylene	40	ug/Kg	U
SEE09080930JRP1	9/8/2010	Benzo(g,h,i)perylene	40	ug/Kg	U
SEE09011515JAW1	9/1/2010	Benzo(g,h,i)perylene	40	ug/Kg	U
SEF09281139TDF1	9/28/2010	Benzo(g,h,i)perylene	39	ug/Kg	U
SEE09100920JRP1	9/10/2010	Benzo(g,h,i)perylene	38	ug/Kg	J
SEE10181030JWP1	10/18/2010	Benzo(g,h,i)perylene	37	ug/Kg	U
SEE08281540JRP1	8/28/2010	Benzo(g,h,i)perylene	36	ug/kg	J
SEE09251235ARM1	9/25/2010	Benzo(g,h,i)perylene	35	ug/Kg	J
SEE08301410JRP1	8/30/2010	Benzo(g,h,i)perylene	32	ug/Kg	J
SEE08271536TWH1	8/27/2010	Benzo(g,h,i)perylene	29	ug/kg	J
SEB08281400JLS1	8/28/2010	Benzo(g,h,i)perylene	24	ug/kg	J
SEE09051500JAW1	9/5/2010	Benzo(g,h,i)perylene	22	ug/Kg	J
SEE08301100JRP1	8/30/2010	Benzo(g,h,i)perylene	22	ug/Kg	J
SEE09281445RCM1	9/28/2010	Benzo(g,h,i)perylene	21	ug/Kg	J
SEF10051206TDF3	10/5/2010	Benzo(g,h,i)perylene	19	ug/Kg	J
SEE10081035ARM1	10/8/2010	Benzo(g,h,i)perylene	18	ug/Kg	J
SEE09200911RCM1	9/20/2010	Benzo(g,h,i)perylene	15	ug/Kg	J
SEB09011143JLS1	9/1/2010	Benzo(g,h,i)perylene	13	ug/Kg	J
ML-05-S-081710	8/17/2010	Benzo(g,h,i)perylene	0.89	mg/Kg	
ML-03-S-082310	8/23/2010	Benzo(g,h,i)perylene	0.83	mg/Kg	
ML-03-S-082010	8/20/2010	Benzo(g,h,i)perylene	0.75	mg/Kg	
ML-05-S-082310	8/23/2010	Benzo(g,h,i)perylene	0.72	mg/Kg	
ML-02-S-082310	8/23/2010	Benzo(g,h,i)perylene	0.68	mg/Kg	
ML-04-S-082610	8/26/2010	Benzo(g,h,i)perylene	0.67	mg/Kg	
ML-04-S-081710	8/17/2010	Benzo(g,h,i)perylene	0.61	mg/Kg	
ML-03-S-081610	8/16/2010	Benzo(g,h,i)perylene	0.59	mg/Kg	
ML-03-S-082510	8/25/2010	Benzo(g,h,i)perylene	0.56	mg/Kg	
ML-04-S-082410	8/24/2010	Benzo(g,h,i)perylene	0.52	mg/Kg	J
ML-04-S-082010	8/20/2010	Benzo(g,h,i)perylene	0.52	mg/Kg	
ML-05-S-082010	8/20/2010	Benzo(g,h,i)perylene	0.51	mg/Kg	
ML-01-S-081610	8/16/2010	Benzo(g,h,i)perylene	0.45	mg/Kg	
ML-01-S-082510	8/25/2010	Benzo(g,h,i)perylene	0.43	mg/Kg	
ML-02-S-082510	8/25/2010	Benzo(g,h,i)perylene	0.43	mg/Kg	
ML-01-S-081910	8/19/2010	Benzo(g,h,i)perylene	0.41	mg/Kg	
ML-02-S-081710	8/17/2010	Benzo(g,h,i)perylene	0.40	mg/Kg	J
ML-05-S-082610	8/26/2010	Benzo(g,h,i)perylene	0.39	mg/Kg	
ML-01-S-082110	8/21/2010	Benzo(g,h,i)perylene	0.39	mg/Kg	
ML-07-S-082410	8/24/2010	Benzo(g,h,i)perylene	0.38	mg/Kg	J
ML-02-S-082010	8/20/2010	Benzo(g,h,i)perylene	0.38	mg/Kg	
ML-06-S-082510	8/25/2010	Benzo(g,h,i)perylene	0.37	mg/Kg	
ML-07-S-082110	8/21/2010	Benzo(g,h,i)perylene	0.36	mg/Kg	
ML-09-S-082110	8/21/2010	Benzo(g,h,i)perylene	0.29	mg/Kg	
ML-08-S-082510	8/25/2010	Benzo(g,h,i)perylene	0.27	mg/Kg	
ML-07-S-081610	8/16/2010	Benzo(g,h,i)perylene	0.26	mg/Kg	
ML-06-S-082310	8/23/2010	Benzo(g,h,i)perylene	0.25	mg/Kg	J
ML-10-S-081910	8/19/2010	Benzo(g,h,i)perylene	0.25	mg/Kg	J
ML-10-S-081910	8/19/2010	Benzo(g,h,i)perylene	0.25	mg/Kg	J
ML-08-S-081610	8/16/2010	Benzo(g,h,i)perylene	0.25	mg/Kg	
ML-06-S-081710	8/17/2010	Benzo(g,h,i)perylene	0.23	mg/Kg	J
ML-10-S-082110	8/21/2010	Benzo(g,h,i)perylene	0.22	mg/Kg	
ML-10-S-082110	8/21/2010	Benzo(g,h,i)perylene	0.22	mg/Kg	
ML-07-S-081810	8/18/2010	Benzo(g,h,i)perylene	0.22	mg/Kg	J
ML-10-S-082610	8/26/2010	Benzo(g,h,i)perylene	0.20	mg/Kg	J
ML-10-S-082610	8/26/2010	Benzo(g,h,i)perylene	0.20	mg/Kg	J
ML-07-S-082510	8/25/2010	Benzo(g,h,i)perylene	0.20	mg/Kg	
ML-10-S-081610	8/16/2010	Benzo(g,h,i)perylene	0.20	mg/Kg	

**TABLE B-2b**  
**Upstream Sediment Samples (Morrow Lake)**

Sample ID	Sample Date	Analyte	Result	Unit	Data Qualifier
ML-10-S-081610	8/16/2010	Benzo(g,h,i)perylene	0.20	mg/Kg	
ML-09-S-082510	8/25/2010	Benzo(g,h,i)perylene	0.18	mg/Kg	
ML-08-S-082110	8/21/2010	Benzo(g,h,i)perylene	0.17	mg/Kg	
ML-09-S-081810	8/18/2010	Benzo(g,h,i)perylene	0.17	mg/Kg	J
ML-09-S-082410	8/24/2010	Benzo(g,h,i)perylene	0.15	mg/Kg	J
ML-06-S-082010	8/20/2010	Benzo(g,h,i)perylene	0.15	mg/Kg	J
ML-10-S-082410	8/24/2010	Benzo(g,h,i)perylene	0.14	mg/Kg	J
ML-10-S-082410	8/24/2010	Benzo(g,h,i)perylene	0.14	mg/Kg	J
ML-08-S-082410	8/24/2010	Benzo(g,h,i)perylene	0.11	mg/Kg	J
SEE09051430PML1	9/5/2010	Benzo(k)fluoranthene	2600	ug/Kg	
SEE10071205PML1	10/7/2010	Benzo(k)fluoranthene	1700	ug/Kg	
SEE10071540PML1	10/7/2010	Benzo(k)fluoranthene	1600	ug/Kg	
SEE10041335JDF1	10/4/2010	Benzo(k)fluoranthene	1500	ug/Kg	
SEE10071101PML1	10/7/2010	Benzo(k)fluoranthene	1400	ug/Kg	
SEE09131620PML1	9/13/2010	Benzo(k)fluoranthene	1400	ug/Kg	J
SEE10111350JDF1	10/11/2010	Benzo(k)fluoranthene	1300	ug/Kg	
SEE09271130JDF1	9/27/2010	Benzo(k)fluoranthene	1300	ug/Kg	
SEE10040945JDF1	10/4/2010	Benzo(k)fluoranthene	1200	ug/Kg	
SEE10031425JDF1	10/3/2010	Benzo(k)fluoranthene	1200	ug/Kg	
SEE09271025ARM1	9/27/2010	Benzo(k)fluoranthene	1200	ug/Kg	
SEE09221615JDF1	9/22/2010	Benzo(k)fluoranthene	1200	ug/Kg	
SEE10170915JDF1	10/17/2010	Benzo(k)fluoranthene	1100	ug/Kg	
SEE10171535ARM1	10/17/2010	Benzo(k)fluoranthene	1100	ug/Kg	
SEE09031115JAW1	9/3/2010	Benzo(k)fluoranthene	1100	ug/Kg	
SEE09290925JDF1	9/29/2010	Benzo(k)fluoranthene	1000	ug/Kg	
SEE09011255PML1	9/1/2010	Benzo(k)fluoranthene	1000	ug/Kg	
SEE09011635PML1	9/1/2010	Benzo(k)fluoranthene	980	ug/Kg	
SEE10041150JDF1	10/4/2010	Benzo(k)fluoranthene	950	ug/Kg	
SEE09081020RCM1	9/8/2010	Benzo(k)fluoranthene	940	ug/Kg	
SEE09221105JDF1	9/22/2010	Benzo(k)fluoranthene	900	ug/Kg	
SEE09011545PML1	9/1/2010	Benzo(k)fluoranthene	900	ug/Kg	
SEE09301255MAE1	9/30/2010	Benzo(k)fluoranthene	880	ug/Kg	
SEE09041350PML1	9/4/2010	Benzo(k)fluoranthene	880	ug/Kg	
SEE09291035JDF1	9/29/2010	Benzo(k)fluoranthene	870	ug/Kg	
SEE09271515JDF1	9/27/2010	Benzo(k)fluoranthene	860	ug/Kg	
SEE09171125PML1	9/17/2010	Benzo(k)fluoranthene	850	ug/Kg	
SEE09051130PML1	9/5/2010	Benzo(k)fluoranthene	850	ug/Kg	
SEE09051015PML1	9/5/2010	Benzo(k)fluoranthene	840	ug/Kg	
SEE09051550MHS1	9/5/2010	Benzo(k)fluoranthene	830	ug/Kg	
SEE10041050JDF1	10/4/2010	Benzo(k)fluoranthene	820	ug/Kg	
SEE09061610JAW1	9/6/2010	Benzo(k)fluoranthene	810	ug/Kg	
SEE10111125JDF1	10/11/2010	Benzo(k)fluoranthene	790	ug/Kg	
SEE09211530JDF1	9/21/2010	Benzo(k)fluoranthene	780	ug/Kg	J
SEE09011545MHS1	9/1/2010	Benzo(k)fluoranthene	770	ug/Kg	
SEE10071415ARM1	10/7/2010	Benzo(k)fluoranthene	750	ug/Kg	
SEE10121030JDF1	10/12/2010	Benzo(k)fluoranthene	740	ug/Kg	
SEE10081231PML1	10/8/2010	Benzo(k)fluoranthene	740	ug/Kg	
SEE10041355ARM1	10/4/2010	Benzo(k)fluoranthene	740	ug/Kg	
SEE09171530PML1	9/17/2010	Benzo(k)fluoranthene	740	ug/Kg	
SEE10061205PML1	10/6/2010	Benzo(k)fluoranthene	730	ug/Kg	
SEE09130955JRP1	9/13/2010	Benzo(k)fluoranthene	730	ug/Kg	
SEE09011145PML1	9/1/2010	Benzo(k)fluoranthene	710	ug/Kg	
SEE10171410JDF1	10/17/2010	Benzo(k)fluoranthene	700	ug/Kg	
SEE09301255JDF1	9/30/2010	Benzo(k)fluoranthene	700	ug/Kg	
SEE09121450PML1	9/12/2010	Benzo(k)fluoranthene	700	ug/Kg	J
SEE10181035JDF1	10/18/2010	Benzo(k)fluoranthene	690	ug/Kg	
SEE10111101JDF1	10/11/2010	Benzo(k)fluoranthene	690	ug/Kg	
SEE09221440JDF1	9/22/2010	Benzo(k)fluoranthene	690	ug/Kg	
SEE09011050PML1	9/1/2010	Benzo(k)fluoranthene	680	ug/Kg	
SEE09211155JDF1	9/21/2010	Benzo(k)fluoranthene	670	ug/Kg	J

**TABLE B-2b**  
**Upstream Sediment Samples (Morrow Lake)**

Sample ID	Sample Date	Analyte	Result	Unit	Data Qualifier
SEE09291135JDF1	9/29/2010	Benzo(k)fluoranthene	660	ug/Kg	
SEE09171415PML1	9/17/2010	Benzo(k)fluoranthene	660	ug/Kg	
SEE09131125PML1	9/13/2010	Benzo(k)fluoranthene	650	ug/Kg	
SEE10120930JDF1	10/12/2010	Benzo(k)fluoranthene	640	ug/Kg	
SEE09131505PML1	9/13/2010	Benzo(k)fluoranthene	630	ug/Kg	
SEE10051653PML1	10/5/2010	Benzo(k)fluoranthene	610	ug/Kg	
SEE09301105JDF1	9/30/2010	Benzo(k)fluoranthene	610	ug/Kg	
SEE09161045PML1	9/16/2010	Benzo(k)fluoranthene	610	ug/Kg	
SEE09201645ARM1	9/20/2010	Benzo(k)fluoranthene	600	ug/Kg	
SEE10061051RCM1	10/6/2010	Benzo(k)fluoranthene	590	ug/Kg	
SEE09091515PML1	9/9/2010	Benzo(k)fluoranthene	590	ug/Kg	
SEE09061130MHS1	9/6/2010	Benzo(k)fluoranthene	580	ug/Kg	
SEE10171115JDF1	10/17/2010	Benzo(k)fluoranthene	570	ug/Kg	
SEE09021400PML1	9/2/2010	Benzo(k)fluoranthene	570	ug/Kg	
SEE10051125PML1	10/5/2010	Benzo(k)fluoranthene	560	ug/Kg	
SEE09040950PML1	9/4/2010	Benzo(k)fluoranthene	560	ug/Kg	
SEE09031645MHS1	9/3/2010	Benzo(k)fluoranthene	560	ug/Kg	
SEE10151355ARM1	10/15/2010	Benzo(k)fluoranthene	550	ug/Kg	
SEE09091605PML1	9/9/2010	Benzo(k)fluoranthene	540	ug/Kg	
SEE08301530JAW1	8/30/2010	Benzo(k)fluoranthene	540	ug/Kg	
SEE09061105PML1	9/6/2010	Benzo(k)fluoranthene	530	ug/Kg	
SEE08301145MHS1	8/30/2010	Benzo(k)fluoranthene	520	ug/Kg	
SEE10091200ARM1	10/9/2010	Benzo(k)fluoranthene	510	ug/Kg	
SEE10121415ARM1	10/12/2010	Benzo(k)fluoranthene	500	ug/Kg	
SEE10101215PML1	10/10/2010	Benzo(k)fluoranthene	500	ug/Kg	
SEE10101215PML1	10/10/2010	Benzo(k)fluoranthene	500	ug/Kg	
SEE08301638MHS1	8/30/2010	Benzo(k)fluoranthene	500	ug/Kg	
SEE10161055JDF1	10/16/2010	Benzo(k)fluoranthene	490	ug/Kg	
SEE10161530JDF1	10/16/2010	Benzo(k)fluoranthene	490	ug/Kg	
SEE10151055ARM1	10/15/2010	Benzo(k)fluoranthene	490	ug/Kg	
SEE10131150JDF1	10/13/2010	Benzo(k)fluoranthene	490	ug/Kg	
SEE09231130ARM1	9/23/2010	Benzo(k)fluoranthene	490	ug/Kg	
SEE09191530PML1	9/19/2010	Benzo(k)fluoranthene	490	ug/Kg	
SEE08301015JRP1	8/30/2010	Benzo(k)fluoranthene	490	ug/Kg	
SEE10181210JDF1	10/18/2010	Benzo(k)fluoranthene	480	ug/Kg	
SEE10071042RCM1	10/7/2010	Benzo(k)fluoranthene	480	ug/Kg	
SEE09130940PML1	9/13/2010	Benzo(k)fluoranthene	480	ug/Kg	
SEE09091410PML1	9/9/2010	Benzo(k)fluoranthene	480	ug/Kg	
SEE10041138RCM1	10/4/2010	Benzo(k)fluoranthene	470	ug/Kg	
SEE08271500PML1	8/27/2010	Benzo(k)fluoranthene	470	ug/kg	J
SEE09061500PML1	9/6/2010	Benzo(k)fluoranthene	460	ug/Kg	
SEE09021010PML1	9/2/2010	Benzo(k)fluoranthene	460	ug/Kg	
SEE09291023RCM1	9/29/2010	Benzo(k)fluoranthene	450	ug/Kg	
SEE09170839RCM1	9/17/2010	Benzo(k)fluoranthene	450	ug/Kg	
SEE09061525MHS1	9/6/2010	Benzo(k)fluoranthene	450	ug/Kg	
SEE09191445RCM1	9/19/2010	Benzo(k)fluoranthene	440	ug/Kg	
SEE09091025JRP1	9/9/2010	Benzo(k)fluoranthene	440	ug/Kg	
SEE08301130PML1	8/30/2010	Benzo(k)fluoranthene	440	ug/Kg	
SEE10181510JDF1	10/18/2010	Benzo(k)fluoranthene	430	ug/Kg	
SEE10181510JDF1	10/18/2010	Benzo(k)fluoranthene	430	ug/Kg	
SEE10091401PML1	10/9/2010	Benzo(k)fluoranthene	430	ug/Kg	
SEE10081051RCM1	10/8/2010	Benzo(k)fluoranthene	430	ug/Kg	
SEE09260930RCM1	9/26/2010	Benzo(k)fluoranthene	430	ug/Kg	
SEE09121055PML1	9/12/2010	Benzo(k)fluoranthene	430	ug/Kg	J
SEE09121055PML1	9/12/2010	Benzo(k)fluoranthene	430	ug/Kg	J
SEE10181430JWP1	10/18/2010	Benzo(k)fluoranthene	420	ug/Kg	
SEE09170945PML1	9/17/2010	Benzo(k)fluoranthene	420	ug/Kg	
SEE09151145PML1	9/15/2010	Benzo(k)fluoranthene	420	ug/Kg	
SEE09151145PML1	9/15/2010	Benzo(k)fluoranthene	420	ug/Kg	
SEE09140945PML1	9/14/2010	Benzo(k)fluoranthene	420	ug/Kg	



**TABLE B-2b**  
**Upstream Sediment Samples (Morrow Lake)**

Sample ID	Sample Date	Analyte	Result	Unit	Data Qualifier
SEE10051415ARM1	10/5/2010	Benzo(k)fluoranthene	410	ug/Kg	
SEE10031115JDF1	10/3/2010	Benzo(k)fluoranthene	410	ug/Kg	
SEE10031115JDF1	10/3/2010	Benzo(k)fluoranthene	410	ug/Kg	
SEE09261625JDF1	9/26/2010	Benzo(k)fluoranthene	410	ug/Kg	
SEE09261625JDF1	9/26/2010	Benzo(k)fluoranthene	410	ug/Kg	
SEE09091145PML1	9/9/2010	Benzo(k)fluoranthene	410	ug/Kg	
SEE09030925PML1	9/3/2010	Benzo(k)fluoranthene	410	ug/Kg	
SEE08301520JRP1	8/30/2010	Benzo(k)fluoranthene	410	ug/Kg	
SEE10150945JDF1	10/15/2010	Benzo(k)fluoranthene	400	ug/Kg	
SEE10141550JDF1	10/14/2010	Benzo(k)fluoranthene	400	ug/Kg	
SEE10141550JDF1	10/14/2010	Benzo(k)fluoranthene	400	ug/Kg	
SEE10081115PML1	10/8/2010	Benzo(k)fluoranthene	400	ug/Kg	
SEE09250905RCM1	9/25/2010	Benzo(k)fluoranthene	400	ug/Kg	J
SEE09251135JDF1	9/25/2010	Benzo(k)fluoranthene	400	ug/Kg	J
SEE09141135PML1	9/14/2010	Benzo(k)fluoranthene	400	ug/Kg	
SEE09121436RCM1	9/12/2010	Benzo(k)fluoranthene	400	ug/Kg	J
SEE09181705PML1	9/18/2010	Benzo(k)fluoranthene	390	ug/Kg	
SEE09091010PML1	9/9/2010	Benzo(k)fluoranthene	390	ug/Kg	
SEE10091614PML1	10/9/2010	Benzo(k)fluoranthene	380	ug/Kg	
SEE09220935RCM1	9/22/2010	Benzo(k)fluoranthene	380	ug/Kg	
SEE09111015PML1	9/11/2010	Benzo(k)fluoranthene	380	ug/Kg	J
SEE09081010PML1	9/8/2010	Benzo(k)fluoranthene	380	ug/Kg	
SEE09261215JDF1	9/26/2010	Benzo(k)fluoranthene	370	ug/Kg	
SEE09161035RCM1	9/16/2010	Benzo(k)fluoranthene	370	ug/Kg	
SEE09031100PML1	9/3/2010	Benzo(k)fluoranthene	370	ug/Kg	
SEE08301445JRP1	8/30/2010	Benzo(k)fluoranthene	370	ug/Kg	
SEE10161115ARM1	10/16/2010	Benzo(k)fluoranthene	360	ug/Kg	
SEE09291645JDF1	9/29/2010	Benzo(k)fluoranthene	360	ug/Kg	
SEE09081205PML1	9/8/2010	Benzo(k)fluoranthene	360	ug/Kg	
SEE08311045PML1	8/31/2010	Benzo(k)fluoranthene	360	ug/Kg	
SEE10041530JDF1	10/4/2010	Benzo(k)fluoranthene	350	ug/Kg	
SEE10011120JDF1	10/1/2010	Benzo(k)fluoranthene	350	ug/Kg	
SEE10141015JDF1	10/14/2010	Benzo(k)fluoranthene	340	ug/Kg	
SEE09301205RCM1	9/30/2010	Benzo(k)fluoranthene	340	ug/Kg	
SEE09031140MHS1	9/3/2010	Benzo(k)fluoranthene	340	ug/Kg	
SEE10121155JDF1	10/12/2010	Benzo(k)fluoranthene	320	ug/Kg	
SEE09141515PML1	9/14/2010	Benzo(k)fluoranthene	320	ug/Kg	
SEE09131026RCM1	9/13/2010	Benzo(k)fluoranthene	320	ug/Kg	
SEE09121105RCM1	9/12/2010	Benzo(k)fluoranthene	320	ug/Kg	J
SEE09181235PML1	9/18/2010	Benzo(k)fluoranthene	310	ug/Kg	
SEE09131445RCM1	9/13/2010	Benzo(k)fluoranthene	310	ug/Kg	
SEE08301550PML1	8/30/2010	Benzo(k)fluoranthene	310	ug/Kg	
SEE10161415JDF1	10/16/2010	Benzo(k)fluoranthene	300	ug/Kg	
SEE09151015PML1	9/15/2010	Benzo(k)fluoranthene	300	ug/Kg	
SEE08281505PML1	8/28/2010	Benzo(k)fluoranthene	300	ug/kg	J
SEE09191040PML1	9/19/2010	Benzo(k)fluoranthene	290	ug/Kg	
SEE08281630RCM1	8/28/2010	Benzo(k)fluoranthene	290	ug/kg	J
SEE10141150JDF1	10/14/2010	Benzo(k)fluoranthene	280	ug/Kg	
SEE09231645JDF1	9/23/2010	Benzo(k)fluoranthene	280	ug/Kg	
SEE09071050PML1	9/7/2010	Benzo(k)fluoranthene	280	ug/Kg	
SEE08281215PML1	8/28/2010	Benzo(k)fluoranthene	280	ug/kg	J
SEE09201115RCM1	9/20/2010	Benzo(k)fluoranthene	270	ug/Kg	
SEE08311420PML1	8/31/2010	Benzo(k)fluoranthene	270	ug/Kg	
SEE08311420PML1	8/31/2010	Benzo(k)fluoranthene	270	ug/Kg	
SEE10191515JDF1	10/19/2010	Benzo(k)fluoranthene	260	ug/Kg	
SEE10101010PML1	10/10/2010	Benzo(k)fluoranthene	260	ug/Kg	
SEE09130915JRP1	9/13/2010	Benzo(k)fluoranthene	260	ug/Kg	
SEE08291550KAP1	8/29/2010	Benzo(k)fluoranthene	260	ug/kg	J
SEE09031650PML1	9/3/2010	Benzo(k)fluoranthene	250	ug/Kg	
SEE09031650PML1	9/3/2010	Benzo(k)fluoranthene	250	ug/Kg	

**TABLE B-2b**  
**Upstream Sediment Samples (Morrow Lake)**

Sample ID	Sample Date	Analyte	Result	Unit	Data Qualifier
SEE10191100JDF1	10/19/2010	Benzo(k)fluoranthene	240	ug/Kg	
SEE10141555ARM1	10/14/2010	Benzo(k)fluoranthene	240	ug/Kg	
SEE09200945PML1	9/20/2010	Benzo(k)fluoranthene	240	ug/Kg	
SEE09200945PML1	9/20/2010	Benzo(k)fluoranthene	240	ug/Kg	
SEE09171445RCM1	9/17/2010	Benzo(k)fluoranthene	230	ug/Kg	
SEE08300920JRP1	8/30/2010	Benzo(k)fluoranthene	230	ug/Kg	
SEE08271215PML1	8/27/2010	Benzo(k)fluoranthene	230	ug/kg	J
SEE09211112RCM1	9/21/2010	Benzo(k)fluoranthene	220	ug/Kg	J
SEE09101215PML1	9/10/2010	Benzo(k)fluoranthene	220	ug/Kg	
SEE09101625PML1	9/10/2010	Benzo(k)fluoranthene	220	ug/Kg	
SEE10061640PML1	10/6/2010	Benzo(k)fluoranthene	210	ug/Kg	
SEE10061640PML1	10/6/2010	Benzo(k)fluoranthene	210	ug/Kg	
SEE08281607TWH1	8/28/2010	Benzo(k)fluoranthene	210	ug/kg	J
SEE09091005RCM1	9/9/2010	Benzo(k)fluoranthene	190	ug/Kg	
SEE09091410RCM1	9/9/2010	Benzo(k)fluoranthene	190	ug/Kg	
SEE08261445JRP1	8/26/2010	Benzo(k)fluoranthene	190	ug/Kg	
SEE10211035JDF1	10/21/2010	Benzo(k)fluoranthene	180	ug/Kg	UJ
SEE09101022PML1	9/10/2010	Benzo(k)fluoranthene	180	ug/Kg	
SEE09090900JRP1	9/9/2010	Benzo(k)fluoranthene	180	ug/Kg	
SEE10071151RCM1	10/7/2010	Benzo(k)fluoranthene	170	ug/Kg	
SEE08261420RCM1	8/26/2010	Benzo(k)fluoranthene	170	ug/kg	J
SEE10221110JDF1	10/22/2010	Benzo(k)fluoranthene	160	ug/Kg	U
SEE10221110JDF1	10/22/2010	Benzo(k)fluoranthene	160	ug/Kg	U
SEE10211430JDF1	10/21/2010	Benzo(k)fluoranthene	160	ug/Kg	U
SEE10191005JDF1	10/19/2010	Benzo(k)fluoranthene	160	ug/Kg	U
SEE10191155JDF1	10/19/2010	Benzo(k)fluoranthene	160	ug/Kg	
SEE08281420TWH1	8/28/2010	Benzo(k)fluoranthene	160	ug/kg	J
SEE10191415JDF1	10/19/2010	Benzo(k)fluoranthene	150	ug/Kg	U
SEE09141312RCM1	9/14/2010	Benzo(k)fluoranthene	150	ug/Kg	
SEE10211010JWP1	10/21/2010	Benzo(k)fluoranthene	140	ug/Kg	U
SEE08271614TWH1	8/27/2010	Benzo(k)fluoranthene	140	ug/kg	J
SEE10221055DWS1	10/22/2010	Benzo(k)fluoranthene	130	ug/Kg	U
SEE10191010JWP1	10/19/2010	Benzo(k)fluoranthene	130	ug/Kg	U
SEE10071045ARM1	10/7/2010	Benzo(k)fluoranthene	130	ug/Kg	
SEE09230955RCM1	9/23/2010	Benzo(k)fluoranthene	130	ug/Kg	J
SEE09231210JDF1	9/23/2010	Benzo(k)fluoranthene	130	ug/Kg	J
SEE08291354KAP1	8/29/2010	Benzo(k)fluoranthene	130	ug/kg	J
SEE08291421KAP1	8/29/2010	Benzo(k)fluoranthene	130	ug/kg	J
SEE09290915MAE1	9/29/2010	Benzo(k)fluoranthene	120	ug/Kg	
SEE08281510TWH1	8/28/2010	Benzo(k)fluoranthene	120	ug/kg	J
SEE08271652TWH1	8/27/2010	Benzo(k)fluoranthene	120	ug/kg	J
SEE08311348MHS1	8/31/2010	Benzo(k)fluoranthene	110	ug/Kg	
SEE08271145RCM1	8/27/2010	Benzo(k)fluoranthene	110	ug/kg	J
SEE10191115JWP1	10/19/2010	Benzo(k)fluoranthene	100	ug/Kg	
SEE09051500MHS1	9/5/2010	Benzo(k)fluoranthene	100	ug/Kg	
SEE10221450DWS1	10/22/2010	Benzo(k)fluoranthene	96	ug/Kg	
SEE10011125ARM1	10/1/2010	Benzo(k)fluoranthene	87	ug/Kg	
SEE08261620RCM1	8/26/2010	Benzo(k)fluoranthene	85	ug/kg	J
SEE10061135ARM1	10/6/2010	Benzo(k)fluoranthene	83	ug/Kg	
SEE09271500ARM1	9/27/2010	Benzo(k)fluoranthene	77	ug/Kg	
SEE08311010JRP1	8/31/2010	Benzo(k)fluoranthene	76	ug/Kg	J
SEE10121040ARM1	10/12/2010	Benzo(k)fluoranthene	73	ug/Kg	
SEE09201110ARM1	9/20/2010	Benzo(k)fluoranthene	73	ug/Kg	
SEE09140945JRP1	9/14/2010	Benzo(k)fluoranthene	71	ug/Kg	
SEE10211345JWP1	10/21/2010	Benzo(k)fluoranthene	62	ug/Kg	U
SEE10141025ARM1	10/14/2010	Benzo(k)fluoranthene	60	ug/Kg	J
SEE09171200ARM1	9/17/2010	Benzo(k)fluoranthene	58	ug/Kg	
SEE08291445PML1	8/29/2010	Benzo(k)fluoranthene	58	ug/kg	J
SEE09301025MAE1	9/30/2010	Benzo(k)fluoranthene	54	ug/Kg	
SEF10011045TDF1	10/1/2010	Benzo(k)fluoranthene	53	ug/Kg	

**TABLE B-2b**  
**Upstream Sediment Samples (Morrow Lake)**

Sample ID	Sample Date	Analyte	Result	Unit	Data Qualifier
SEE09100945RCM1	9/10/2010	Benzo(k)fluoranthene	52	ug/Kg	UJ
SEE08291110PML1	8/29/2010	Benzo(k)fluoranthene	52	ug/kg	J
SEE08261700JRP1	8/26/2010	Benzo(k)fluoranthene	49	ug/Kg	J
SEE10081035ARM1	10/8/2010	Benzo(k)fluoranthene	47	ug/Kg	U
SEF10221050MAE3	10/22/2010	Benzo(k)fluoranthene	46	ug/Kg	U
SEE09200911RCM1	9/20/2010	Benzo(k)fluoranthene	46	ug/Kg	U
SEF10191135NAC3	10/19/2010	Benzo(k)fluoranthene	44	ug/Kg	U
SEE09231035ARM1	9/23/2010	Benzo(k)fluoranthene	44	ug/Kg	
SEF10081108TDF3	10/8/2010	Benzo(k)fluoranthene	43	ug/Kg	U
SEE10011043RCM1	10/1/2010	Benzo(k)fluoranthene	43	ug/Kg	U
SEF10151030PMB3	10/15/2010	Benzo(k)fluoranthene	42	ug/Kg	U
SEF10121130PMB3	10/12/2010	Benzo(k)fluoranthene	42	ug/Kg	U
SEB09011143JLS1	9/1/2010	Benzo(k)fluoranthene	42	ug/Kg	U
SEE10131035ARM1	10/13/2010	Benzo(k)fluoranthene	40	ug/Kg	U
SEE10051145RCM1	10/5/2010	Benzo(k)fluoranthene	40	ug/Kg	U
SEE09221045ARM1	9/22/2010	Benzo(k)fluoranthene	40	ug/Kg	U
SEE09080930JRP1	9/8/2010	Benzo(k)fluoranthene	40	ug/Kg	U
SEE09011515JAW1	9/1/2010	Benzo(k)fluoranthene	40	ug/Kg	U
SEF09281139TDF1	9/28/2010	Benzo(k)fluoranthene	39	ug/Kg	U
SEE09211120ARM1	9/21/2010	Benzo(k)fluoranthene	39	ug/Kg	J
SEE10181030JWP1	10/18/2010	Benzo(k)fluoranthene	37	ug/Kg	U
SEE10041045ARM1	10/4/2010	Benzo(k)fluoranthene	36	ug/Kg	J
SEE08271445JRP1	8/27/2010	Benzo(k)fluoranthene	36	ug/kg	J
SEE09251235ARM1	9/25/2010	Benzo(k)fluoranthene	35	ug/Kg	J
SEE09231205RCM1	9/23/2010	Benzo(k)fluoranthene	35	ug/Kg	J
SEE09150915JRP1	9/15/2010	Benzo(k)fluoranthene	34	ug/Kg	J
SEE09070930JRP1	9/7/2010	Benzo(k)fluoranthene	34	ug/Kg	J
SEE08301410JRP1	8/30/2010	Benzo(k)fluoranthene	33	ug/Kg	J
SEE08281540JRP1	8/28/2010	Benzo(k)fluoranthene	30	ug/kg	J
SEE09100920JRP1	9/10/2010	Benzo(k)fluoranthene	29	ug/Kg	J
SEB08281400JLS1	8/28/2010	Benzo(k)fluoranthene	23	ug/kg	J
SEE09281445RCM1	9/28/2010	Benzo(k)fluoranthene	21	ug/Kg	J
SEE09051500JAW1	9/5/2010	Benzo(k)fluoranthene	19	ug/Kg	J
SEE08271536TWH1	8/27/2010	Benzo(k)fluoranthene	19	ug/kg	J
SEE08301100JRP1	8/30/2010	Benzo(k)fluoranthene	18	ug/Kg	J
SEE09170935RCM1	9/17/2010	Benzo(k)fluoranthene	13	ug/Kg	J
SEF10051206TDF3	10/5/2010	Benzo(k)fluoranthene	11	ug/Kg	J
ML-05-S-081710	8/17/2010	Benzo(k)fluoranthene	0.93	mg/Kg	
ML-03-S-082310	8/23/2010	Benzo(k)fluoranthene	0.87	mg/Kg	
ML-04-S-081710	8/17/2010	Benzo(k)fluoranthene	0.78	mg/Kg	
ML-04-S-082410	8/24/2010	Benzo(k)fluoranthene	0.74	mg/Kg	J
ML-03-S-081610	8/16/2010	Benzo(k)fluoranthene	0.72	mg/Kg	
ML-03-S-082510	8/25/2010	Benzo(k)fluoranthene	0.70	mg/Kg	
ML-02-S-082510	8/25/2010	Benzo(k)fluoranthene	0.64	mg/Kg	
ML-04-S-082010	8/20/2010	Benzo(k)fluoranthene	0.63	mg/Kg	
ML-01-S-082510	8/25/2010	Benzo(k)fluoranthene	0.62	mg/Kg	
ML-02-S-082310	8/23/2010	Benzo(k)fluoranthene	0.62	mg/Kg	
ML-05-S-082010	8/20/2010	Benzo(k)fluoranthene	0.62	mg/Kg	
ML-05-S-082310	8/23/2010	Benzo(k)fluoranthene	0.60	mg/Kg	
ML-02-S-082010	8/20/2010	Benzo(k)fluoranthene	0.53	mg/Kg	
ML-04-S-082610	8/26/2010	Benzo(k)fluoranthene	0.51	mg/Kg	
ML-03-S-082010	8/20/2010	Benzo(k)fluoranthene	0.51	mg/Kg	
ML-05-S-082610	8/26/2010	Benzo(k)fluoranthene	0.44	mg/Kg	
ML-07-S-082410	8/24/2010	Benzo(k)fluoranthene	0.44	mg/Kg	J
ML-01-S-082110	8/21/2010	Benzo(k)fluoranthene	0.43	mg/Kg	
ML-02-S-081710	8/17/2010	Benzo(k)fluoranthene	0.41	mg/Kg	J
ML-01-S-081910	8/19/2010	Benzo(k)fluoranthene	0.40	mg/Kg	
ML-07-S-082510	8/25/2010	Benzo(k)fluoranthene	0.37	mg/Kg	
ML-01-S-081610	8/16/2010	Benzo(k)fluoranthene	0.36	mg/Kg	
ML-07-S-082110	8/21/2010	Benzo(k)fluoranthene	0.33	mg/Kg	

**TABLE B-2b**  
**Upstream Sediment Samples (Morrow Lake)**

Sample ID	Sample Date	Analyte	Result	Unit	Data Qualifier
ML-09-S-082410	8/24/2010	Benzo(k)fluoranthene	0.28	mg/Kg	J
ML-09-S-082110	8/21/2010	Benzo(k)fluoranthene	0.28	mg/Kg	
ML-10-S-081910	8/19/2010	Benzo(k)fluoranthene	0.26	mg/Kg	J
ML-10-S-081910	8/19/2010	Benzo(k)fluoranthene	0.26	mg/Kg	J
ML-10-S-082110	8/21/2010	Benzo(k)fluoranthene	0.24	mg/Kg	
ML-10-S-082110	8/21/2010	Benzo(k)fluoranthene	0.24	mg/Kg	
ML-10-S-081610	8/16/2010	Benzo(k)fluoranthene	0.23	mg/Kg	
ML-10-S-081610	8/16/2010	Benzo(k)fluoranthene	0.23	mg/Kg	
ML-09-S-081810	8/18/2010	Benzo(k)fluoranthene	0.22	mg/Kg	J
ML-06-S-082510	8/25/2010	Benzo(k)fluoranthene	0.21	mg/Kg	
ML-07-S-081810	8/18/2010	Benzo(k)fluoranthene	0.20	mg/Kg	J
ML-06-S-081710	8/17/2010	Benzo(k)fluoranthene	0.20	mg/Kg	J
ML-08-S-082410	8/24/2010	Benzo(k)fluoranthene	0.19	mg/Kg	J
ML-08-S-082510	8/25/2010	Benzo(k)fluoranthene	0.18	mg/Kg	
ML-10-S-082410	8/24/2010	Benzo(k)fluoranthene	0.18	mg/Kg	J
ML-10-S-082410	8/24/2010	Benzo(k)fluoranthene	0.18	mg/Kg	J
ML-10-S-082610	8/26/2010	Benzo(k)fluoranthene	0.16	mg/Kg	J
ML-10-S-082610	8/26/2010	Benzo(k)fluoranthene	0.16	mg/Kg	J
ML-06-S-082010	8/20/2010	Benzo(k)fluoranthene	0.16	mg/Kg	
ML-07-S-081610	8/16/2010	Benzo(k)fluoranthene	0.16	mg/Kg	J
ML-08-S-081610	8/16/2010	Benzo(k)fluoranthene	0.15	mg/Kg	J
ML-06-S-082310	8/23/2010	Benzo(k)fluoranthene	0.13	mg/Kg	J
ML-09-S-082510	8/25/2010	Benzo(k)fluoranthene	0.11	mg/Kg	J
ML-08-S-082110	8/21/2010	Benzo(k)fluoranthene	0.11	mg/Kg	J
SEE08291110PML1	8/29/2010	Beryllium	1490	ug/kg	U
SEE08311010JRP1	8/31/2010	Beryllium	1100	ug/Kg	
SEE08291354KAP1	8/29/2010	Beryllium	841	ug/kg	U
SEE10151355ARM1	10/15/2010	Beryllium	710	ug/Kg	
SEE08271614TWH1	8/27/2010	Beryllium	698	ug/kg	U
SEE08291445PML1	8/29/2010	Beryllium	689	ug/kg	U
SEE10151055ARM1	10/15/2010	Beryllium	670	ug/Kg	J
SEE08301445JRP1	8/30/2010	Beryllium	660	ug/Kg	J
SEE10141555ARM1	10/14/2010	Beryllium	640	ug/Kg	J
SEE08301015JRP1	8/30/2010	Beryllium	640	ug/Kg	J
SEE08301520JRP1	8/30/2010	Beryllium	640	ug/Kg	J
SEE09170839RCM1	9/17/2010	Beryllium	620	ug/Kg	J
SEE09011545MHS1	9/1/2010	Beryllium	620	ug/Kg	J
SEE10121415ARM1	10/12/2010	Beryllium	610	ug/Kg	J
SEE09301205RCM1	9/30/2010	Beryllium	610	ug/Kg	J
SEE08300920JRP1	8/30/2010	Beryllium	610	ug/Kg	
SEE09191445RCM1	9/19/2010	Beryllium	600	ug/Kg	J
SEE09101215PML1	9/10/2010	Beryllium	580	ug/Kg	J
SEE09081020RCM1	9/8/2010	Beryllium	580	ug/Kg	J
SEE10181430JWP1	10/18/2010	Beryllium	570	ug/Kg	J
SEE09171415PML1	9/17/2010	Beryllium	570	ug/Kg	J
SEE09011050PML1	9/1/2010	Beryllium	570	ug/Kg	J
SEE08301130PML1	8/30/2010	Beryllium	570	ug/Kg	J
SEE08271445JRP1	8/27/2010	Beryllium	569	ug/kg	U
SEE10061051RCM1	10/6/2010	Beryllium	560	ug/Kg	J
SEE10150945JDF1	10/15/2010	Beryllium	550	ug/Kg	J
SEE10091401PML1	10/9/2010	Beryllium	550	ug/Kg	J
SEE10081051RCM1	10/8/2010	Beryllium	550	ug/Kg	J
SEE09260930RCM1	9/26/2010	Beryllium	550	ug/Kg	J
SEE09161045PML1	9/16/2010	Beryllium	550	ug/Kg	J
SEE09101022PML1	9/10/2010	Beryllium	550	ug/Kg	J
SEE09011545PML1	9/1/2010	Beryllium	550	ug/Kg	J
SEE09291023RCM1	9/29/2010	Beryllium	540	ug/Kg	U
SEE09141135PML1	9/14/2010	Beryllium	540	ug/Kg	J
SEE09121436RCM1	9/12/2010	Beryllium	540	ug/Kg	J
SEE09121450PML1	9/12/2010	Beryllium	540	ug/Kg	J

**TABLE B-2b**  
**Upstream Sediment Samples (Morrow Lake)**

Sample ID	Sample Date	Analyte	Result	Unit	Data Qualifier
SEE09061130MHS1	9/6/2010	Beryllium	540	ug/Kg	J
SEE09061500PML1	9/6/2010	Beryllium	540	ug/Kg	J
SEE09021400PML1	9/2/2010	Beryllium	540	ug/Kg	J
SEE08301530JAW1	8/30/2010	Beryllium	540	ug/Kg	J
SEE08261445JRP1	8/26/2010	Beryllium	540	ug/Kg	J
SEE10071205PML1	10/7/2010	Beryllium	530	ug/Kg	J
SEE10071415ARM1	10/7/2010	Beryllium	530	ug/Kg	J
SEE09271130JDF1	9/27/2010	Beryllium	530	ug/Kg	J
SEE09171125PML1	9/17/2010	Beryllium	530	ug/Kg	J
SEE09171530PML1	9/17/2010	Beryllium	530	ug/Kg	J
SEE09101625PML1	9/10/2010	Beryllium	530	ug/Kg	J
SEB08281400JLS1	8/28/2010	Beryllium	529	ug/kg	U
SEE08281540JRP1	8/28/2010	Beryllium	524	ug/kg	U
SEE10031425JDF1	10/3/2010	Beryllium	520	ug/Kg	J
SEE09301105JDF1	9/30/2010	Beryllium	520	ug/Kg	J
SEE09230955RCM1	9/23/2010	Beryllium	520	ug/Kg	J
SEE09220935RCM1	9/22/2010	Beryllium	520	ug/Kg	J
SEE09191040PML1	9/19/2010	Beryllium	520	ug/Kg	J
SEE09181235PML1	9/18/2010	Beryllium	520	ug/Kg	J
SEE09170945PML1	9/17/2010	Beryllium	520	ug/Kg	J
SEE10051125PML1	10/5/2010	Beryllium	510	ug/Kg	J
SEE09271025ARM1	9/27/2010	Beryllium	510	ug/Kg	J
SEE09271515JDF1	9/27/2010	Beryllium	510	ug/Kg	J
SEE09231645JDF1	9/23/2010	Beryllium	510	ug/Kg	J
SEE09090900JRP1	9/9/2010	Beryllium	510	ug/Kg	J
SEE09091005RCM1	9/9/2010	Beryllium	510	ug/Kg	J
SEE09091025JRP1	9/9/2010	Beryllium	510	ug/Kg	J
SEE09051550MHS1	9/5/2010	Beryllium	510	ug/Kg	J
SEE09030925PML1	9/3/2010	Beryllium	510	ug/Kg	J
SEE10111125JDF1	10/11/2010	Beryllium	500	ug/Kg	J
SEE09221440JDF1	9/22/2010	Beryllium	500	ug/Kg	J
SEE09131125PML1	9/13/2010	Beryllium	500	ug/Kg	J
SEE09091010PML1	9/9/2010	Beryllium	500	ug/Kg	J
SEE09091410RCM1	9/9/2010	Beryllium	500	ug/Kg	J
SEE09040950PML1	9/4/2010	Beryllium	500	ug/Kg	J
SEE08301550PML1	8/30/2010	Beryllium	500	ug/Kg	J
SEE10120930JDF1	10/12/2010	Beryllium	490	ug/Kg	J
SEE10091614PML1	10/9/2010	Beryllium	490	ug/Kg	J
SEE10081115PML1	10/8/2010	Beryllium	490	ug/Kg	J
SEE09251135JDF1	9/25/2010	Beryllium	490	ug/Kg	J
SEE09171445RCM1	9/17/2010	Beryllium	490	ug/Kg	J
SEE09141515PML1	9/14/2010	Beryllium	490	ug/Kg	J
SEE09131026RCM1	9/13/2010	Beryllium	490	ug/Kg	J
SEE09131505PML1	9/13/2010	Beryllium	490	ug/Kg	J
SEE09091145PML1	9/9/2010	Beryllium	490	ug/Kg	J
SEE09071050PML1	9/7/2010	Beryllium	490	ug/Kg	J
SEE08301638MHS1	8/30/2010	Beryllium	490	ug/Kg	J
SEE10171410JDF1	10/17/2010	Beryllium	480	ug/Kg	J
SEE10161115ARM1	10/16/2010	Beryllium	480	ug/Kg	J
SEE10131150JDF1	10/13/2010	Beryllium	480	ug/Kg	J
SEE10071042RCM1	10/7/2010	Beryllium	480	ug/Kg	J
SEE09191530PML1	9/19/2010	Beryllium	480	ug/Kg	J
SEE09161035RCM1	9/16/2010	Beryllium	480	ug/Kg	J
SEE09091410PML1	9/9/2010	Beryllium	480	ug/Kg	J
SEE09051015PML1	9/5/2010	Beryllium	480	ug/Kg	J
SEE09031140MHS1	9/3/2010	Beryllium	480	ug/Kg	J
SEE09031645MHS1	9/3/2010	Beryllium	480	ug/Kg	J
SEE09011145PML1	9/1/2010	Beryllium	480	ug/Kg	J
SEE08301145MHS1	8/30/2010	Beryllium	480	ug/Kg	J
SEE10111011JDF1	10/11/2010	Beryllium	470	ug/Kg	J

**TABLE B-2b**  
**Upstream Sediment Samples (Morrow Lake)**

Sample ID	Sample Date	Analyte	Result	Unit	Data Qualifier
SEE10071101PML1	10/7/2010	Beryllium	470	ug/Kg	J
SEE10041138RCM1	10/4/2010	Beryllium	470	ug/Kg	J
SEE09221105JDF1	9/22/2010	Beryllium	470	ug/Kg	J
SEE09211155JDF1	9/21/2010	Beryllium	470	ug/Kg	J
SEE09140945PML1	9/14/2010	Beryllium	470	ug/Kg	J
SEE09121105RCM1	9/12/2010	Beryllium	470	ug/Kg	J
SEE09091515PML1	9/9/2010	Beryllium	470	ug/Kg	J
SEE09021010PML1	9/2/2010	Beryllium	470	ug/Kg	J
SEE09011255PML1	9/1/2010	Beryllium	470	ug/Kg	J
SEE10111350JDF1	10/11/2010	Beryllium	460	ug/Kg	J
SEE10081231PML1	10/8/2010	Beryllium	460	ug/Kg	J
SEE09261215JDF1	9/26/2010	Beryllium	460	ug/Kg	J
SEE09231130ARM1	9/23/2010	Beryllium	460	ug/Kg	J
SEE09131445RCM1	9/13/2010	Beryllium	460	ug/Kg	J
SEE09041350PML1	9/4/2010	Beryllium	460	ug/Kg	J
SEE08311420PML1	8/31/2010	Beryllium	460	ug/Kg	J
SEE08311420PML1	8/31/2010	Beryllium	460	ug/Kg	J
SEE10161415JDF1	10/16/2010	Beryllium	450	ug/Kg	J
SEE10101215PML1	10/10/2010	Beryllium	450	ug/Kg	J
SEE10101215PML1	10/10/2010	Beryllium	450	ug/Kg	J
SEE10071540PML1	10/7/2010	Beryllium	450	ug/Kg	J
SEE10051653PML1	10/5/2010	Beryllium	450	ug/Kg	J
SEE09301255JDF1	9/30/2010	Beryllium	450	ug/Kg	J
SEE09231210JDF1	9/23/2010	Beryllium	450	ug/Kg	J
SEE09181705PML1	9/18/2010	Beryllium	450	ug/Kg	J
SEE09130940PML1	9/13/2010	Beryllium	450	ug/Kg	J
SEE09130955JRP1	9/13/2010	Beryllium	450	ug/Kg	J
SEE09091605PML1	9/9/2010	Beryllium	450	ug/Kg	J
SEE09061525MHS1	9/6/2010	Beryllium	450	ug/Kg	J
SEE09051130PML1	9/5/2010	Beryllium	450	ug/Kg	J
SEE09031115JAW1	9/3/2010	Beryllium	450	ug/Kg	J
SEE08311045PML1	8/31/2010	Beryllium	450	ug/Kg	J
SEE10161055JDF1	10/16/2010	Beryllium	440	ug/Kg	J
SEE10161530JDF1	10/16/2010	Beryllium	440	ug/Kg	J
SEE10101010PML1	10/10/2010	Beryllium	440	ug/Kg	J
SEE09081205PML1	9/8/2010	Beryllium	440	ug/Kg	J
SEE09011635PML1	9/1/2010	Beryllium	440	ug/Kg	J
SEE10040945JDF1	10/4/2010	Beryllium	430	ug/Kg	J
SEE10041050JDF1	10/4/2010	Beryllium	430	ug/Kg	J
SEE10011120JDF1	10/1/2010	Beryllium	430	ug/Kg	J
SEE09301255MAE1	9/30/2010	Beryllium	430	ug/Kg	J
SEE09290925JDF1	9/29/2010	Beryllium	430	ug/Kg	J
SEE09261625JDF1	9/26/2010	Beryllium	430	ug/Kg	J
SEE09261625JDF1	9/26/2010	Beryllium	430	ug/Kg	J
SEE09221615JDF1	9/22/2010	Beryllium	430	ug/Kg	J
SEE09201115RCM1	9/20/2010	Beryllium	430	ug/Kg	J
SEE09151145PML1	9/15/2010	Beryllium	430	ug/Kg	J
SEE09151145PML1	9/15/2010	Beryllium	430	ug/Kg	J
SEE09131620PML1	9/13/2010	Beryllium	430	ug/Kg	J
SEE09051430PML1	9/5/2010	Beryllium	430	ug/Kg	J
SEE10171115JDF1	10/17/2010	Beryllium	420	ug/Kg	J
SEE10141015JDF1	10/14/2010	Beryllium	420	ug/Kg	J
SEE10041150JDF1	10/4/2010	Beryllium	420	ug/Kg	J
SEE09250905RCM1	9/25/2010	Beryllium	420	ug/Kg	J
SEE09201645ARM1	9/20/2010	Beryllium	420	ug/Kg	J
SEE09121055PML1	9/12/2010	Beryllium	420	ug/Kg	J
SEE09121055PML1	9/12/2010	Beryllium	420	ug/Kg	J
SEE09061105PML1	9/6/2010	Beryllium	420	ug/Kg	J
SEE09031100PML1	9/3/2010	Beryllium	420	ug/Kg	J
SEE09211530JDF1	9/21/2010	Beryllium	410	ug/Kg	J

**TABLE B-2b**  
**Upstream Sediment Samples (Morrow Lake)**

Sample ID	Sample Date	Analyte	Result	Unit	Data Qualifier
SEE09151015PML1	9/15/2010	Beryllium	410	ug/Kg	J
SEE09081010PML1	9/8/2010	Beryllium	410	ug/Kg	J
SEE10181035JDF1	10/18/2010	Beryllium	400	ug/Kg	J
SEE10041530JDF1	10/4/2010	Beryllium	400	ug/Kg	J
SEE10031115JDF1	10/3/2010	Beryllium	400	ug/Kg	J
SEE10031115JDF1	10/3/2010	Beryllium	400	ug/Kg	J
SEE09291035JDF1	9/29/2010	Beryllium	400	ug/Kg	J
SEE09111015PML1	9/11/2010	Beryllium	400	ug/Kg	J
SEE09031650PML1	9/3/2010	Beryllium	400	ug/Kg	J
SEE09031650PML1	9/3/2010	Beryllium	400	ug/Kg	J
SEE10121155JDF1	10/12/2010	Beryllium	390	ug/Kg	J
SEE10041355ARM1	10/4/2010	Beryllium	390	ug/Kg	J
SEE09200945PML1	9/20/2010	Beryllium	390	ug/Kg	J
SEE09200945PML1	9/20/2010	Beryllium	390	ug/Kg	J
SEE10121030JDF1	10/12/2010	Beryllium	380	ug/Kg	J
SEE10061205PML1	10/6/2010	Beryllium	380	ug/Kg	J
SEE10141550JDF1	10/14/2010	Beryllium	370	ug/Kg	J
SEE10141550JDF1	10/14/2010	Beryllium	370	ug/Kg	J
SEE10061640PML1	10/6/2010	Beryllium	370	ug/Kg	J
SEE10061640PML1	10/6/2010	Beryllium	370	ug/Kg	J
SEE10181510JDF1	10/18/2010	Beryllium	360	ug/Kg	J
SEE10181510JDF1	10/18/2010	Beryllium	360	ug/Kg	J
SEE09141312RCM1	9/14/2010	Beryllium	360	ug/Kg	J
SEE10181210JDF1	10/18/2010	Beryllium	350	ug/Kg	J
SEE09211112RCM1	9/21/2010	Beryllium	350	ug/Kg	J
SEE10141150JDF1	10/14/2010	Beryllium	340	ug/Kg	J
SEE10041335JDF1	10/4/2010	Beryllium	340	ug/Kg	J
SEE10170915JDF1	10/17/2010	Beryllium	310	ug/Kg	J
SEE10091200ARM1	10/9/2010	Beryllium	310	ug/Kg	U
SEE08311348MHS1	8/31/2010	Beryllium	280	ug/Kg	J
SEE09291135JDF1	9/29/2010	Beryllium	260	ug/Kg	J
SEE09130915JRP1	9/13/2010	Beryllium	250	ug/Kg	J
SEE08301100JRP1	8/30/2010	Beryllium	250	ug/Kg	J
SEE08281420TWH1	8/28/2010	Beryllium	241	ug/kg	J
SEE09231205RCM1	9/23/2010	Beryllium	230	ug/Kg	J
SEE10071045ARM1	10/7/2010	Beryllium	220	ug/Kg	J
SEE10011125ARM1	10/1/2010	Beryllium	220	ug/Kg	J
SEE10141025ARM1	10/14/2010	Beryllium	210	ug/Kg	J
SEE10071151RCM1	10/7/2010	Beryllium	210	ug/Kg	J
SEE08271215PML1	8/27/2010	Beryllium	206	ug/kg	J
SEE10171535ARM1	10/17/2010	Beryllium	200	ug/Kg	J
SEE10051415ARM1	10/5/2010	Beryllium	200	ug/Kg	J
SEE09061610JAW1	9/6/2010	Beryllium	200	ug/Kg	J
SEE08301410JRP1	8/30/2010	Beryllium	200	ug/Kg	J
SEE08281630RCM1	8/28/2010	Beryllium	192	ug/kg	J
SEE09291645JDF1	9/29/2010	Beryllium	180	ug/Kg	J
SEE08281510TWH1	8/28/2010	Beryllium	174	ug/kg	J
SEE09271500ARM1	9/27/2010	Beryllium	170	ug/Kg	J
SEE08261700JRP1	8/26/2010	Beryllium	170	ug/Kg	J
SEE08271500PML1	8/27/2010	Beryllium	166	ug/kg	J
SEE08281607TWH1	8/28/2010	Beryllium	165	ug/kg	J
SEE08261620RCM1	8/26/2010	Beryllium	165	ug/kg	J
SEE08261420RCM1	8/26/2010	Beryllium	164	ug/kg	J
SEE10081035ARM1	10/8/2010	Beryllium	160	ug/Kg	J
SEE09171200ARM1	9/17/2010	Beryllium	160	ug/Kg	J
SEE09100920JRP1	9/10/2010	Beryllium	160	ug/Kg	J
SEE08281505PML1	8/28/2010	Beryllium	159	ug/kg	J
SEF09281139TDF1	9/28/2010	Beryllium	150	ug/Kg	J
SEE09251235ARM1	9/25/2010	Beryllium	150	ug/Kg	J
SEE09231035ARM1	9/23/2010	Beryllium	150	ug/Kg	J

**TABLE B-2b**  
**Upstream Sediment Samples (Morrow Lake)**

Sample ID	Sample Date	Analyte	Result	Unit	Data Qualifier
SEE09201110ARM1	9/20/2010	Beryllium	150	ug/Kg	J
SEE09100945RCM1	9/10/2010	Beryllium	150	ug/Kg	J
SEE09051500MHS1	9/5/2010	Beryllium	150	ug/Kg	J
SEE10131035ARM1	10/13/2010	Beryllium	140	ug/Kg	J
SEE09140945JRP1	9/14/2010	Beryllium	140	ug/Kg	J
SEE08291421KAP1	8/29/2010	Beryllium	140	ug/kg	J
SEE10181030JWP1	10/18/2010	Beryllium	130	ug/Kg	J
SEE10061135ARM1	10/6/2010	Beryllium	130	ug/Kg	J
SEE09290915MAE1	9/29/2010	Beryllium	130	ug/Kg	J
SEE09211120ARM1	9/21/2010	Beryllium	130	ug/Kg	J
SEE09070930JRP1	9/7/2010	Beryllium	130	ug/Kg	J
SEE10041045ARM1	10/4/2010	Beryllium	120	ug/Kg	J
SEE09301025MAE1	9/30/2010	Beryllium	120	ug/Kg	J
SEE09011515JAW1	9/1/2010	Beryllium	120	ug/Kg	J
SEE08281215PML1	8/28/2010	Beryllium	114	ug/kg	J
SEE10121040ARM1	10/12/2010	Beryllium	110	ug/Kg	J
SEF10121130PMB3	10/12/2010	Beryllium	110	ug/Kg	J
SEE09150915JRP1	9/15/2010	Beryllium	110	ug/Kg	J
SEE09080930JRP1	9/8/2010	Beryllium	110	ug/Kg	J
SEE08271652TWH1	8/27/2010	Beryllium	103	ug/kg	J
SEE09221045ARM1	9/22/2010	Beryllium	100	ug/Kg	J
SEE09051500JAW1	9/5/2010	Beryllium	100	ug/Kg	J
SEF10151030PMB3	10/15/2010	Beryllium	98	ug/Kg	J
SEE08291550KAP1	8/29/2010	Beryllium	96	ug/kg	J
SEE08271145RCM1	8/27/2010	Beryllium	95	ug/kg	J
SEF10011045TDF1	10/1/2010	Beryllium	93	ug/Kg	J
SEE09281445RCM1	9/28/2010	Beryllium	92	ug/Kg	J
SEB09011143JLS1	9/1/2010	Beryllium	89	ug/Kg	J
SEE09200911RCM1	9/20/2010	Beryllium	88	ug/Kg	J
SEE10051145RCM1	10/5/2010	Beryllium	85	ug/Kg	J
SEF10081108TDF3	10/8/2010	Beryllium	82	ug/Kg	J
SEE10011043RCM1	10/1/2010	Beryllium	80	ug/Kg	J
SEE09170935RCM1	9/17/2010	Beryllium	67	ug/Kg	J
SEF10051206TDF3	10/5/2010	Beryllium	65	ug/Kg	J
SEE08271536TWH1	8/27/2010	Beryllium	52	ug/kg	J
SEE09051430PML1	9/5/2010	bis(2-chloroethoxy)methane	3000	ug/Kg	U
SEE09011635PML1	9/1/2010	bis(2-chloroethoxy)methane	3000	ug/Kg	U
SEE08271145RCM1	8/27/2010	bis(2-chloroethoxy)methane	1600	ug/kg	U
SEE08261620RCM1	8/26/2010	bis(2-chloroethoxy)methane	1400	ug/kg	U
SEE08261420RCM1	8/26/2010	bis(2-chloroethoxy)methane	1200	ug/kg	U
SEE10211035JDF1	10/21/2010	bis(2-chloroethoxy)methane	960	ug/Kg	UJ
SEE10051125PML1	10/5/2010	bis(2-chloroethoxy)methane	930	ug/Kg	U
SEE09061500PML1	9/6/2010	bis(2-chloroethoxy)methane	920	ug/Kg	U
SEE09021400PML1	9/2/2010	bis(2-chloroethoxy)methane	920	ug/Kg	U
SEE09301105JDF1	9/30/2010	bis(2-chloroethoxy)methane	910	ug/Kg	U
SEE08301130PML1	8/30/2010	bis(2-chloroethoxy)methane	910	ug/Kg	U
SEE10191005JDF1	10/19/2010	bis(2-chloroethoxy)methane	880	ug/Kg	U
SEE10171410JDF1	10/17/2010	bis(2-chloroethoxy)methane	880	ug/Kg	U
SEE09181235PML1	9/18/2010	bis(2-chloroethoxy)methane	880	ug/Kg	UJ
SEE09101022PML1	9/10/2010	bis(2-chloroethoxy)methane	880	ug/Kg	UJ
SEE09011545PML1	9/1/2010	bis(2-chloroethoxy)methane	870	ug/Kg	U
SEE10211430JDF1	10/21/2010	bis(2-chloroethoxy)methane	860	ug/Kg	U
SEE09231645JDF1	9/23/2010	bis(2-chloroethoxy)methane	860	ug/Kg	U
SEE09141135PML1	9/14/2010	bis(2-chloroethoxy)methane	860	ug/Kg	UJ
SEE09091410RCM1	9/9/2010	bis(2-chloroethoxy)methane	860	ug/Kg	U
SEE10081115PML1	10/8/2010	bis(2-chloroethoxy)methane	850	ug/Kg	UJ
SEE09121105RCM1	9/12/2010	bis(2-chloroethoxy)methane	850	ug/Kg	UJ
SEE09101215PML1	9/10/2010	bis(2-chloroethoxy)methane	850	ug/Kg	UJ
SEE09081020RCM1	9/8/2010	bis(2-chloroethoxy)methane	850	ug/Kg	U
SEE09031645MHS1	9/3/2010	bis(2-chloroethoxy)methane	850	ug/Kg	U



**TABLE B-2b**  
**Upstream Sediment Samples (Morrow Lake)**

Sample ID	Sample Date	Analyte	Result	Unit	Data Qualifier
SEE09011545MHS1	9/1/2010	bis(2-chloroethoxy)methane	850	ug/Kg	U
SEE08311420PML1	8/31/2010	bis(2-chloroethoxy)methane	850	ug/Kg	U
SEE08311420PML1	8/31/2010	bis(2-chloroethoxy)methane	850	ug/Kg	U
SEE10131150JDF1	10/13/2010	bis(2-chloroethoxy)methane	840	ug/Kg	U
SEE09301255JDF1	9/30/2010	bis(2-chloroethoxy)methane	840	ug/Kg	U
SEE10221110JDF1	10/22/2010	bis(2-chloroethoxy)methane	830	ug/Kg	U
SEE10221110JDF1	10/22/2010	bis(2-chloroethoxy)methane	830	ug/Kg	U
SEE09030925PML1	9/3/2010	bis(2-chloroethoxy)methane	830	ug/Kg	U
SEE08281607TWH1	8/28/2010	bis(2-chloroethoxy)methane	830	ug/kg	U
SEE08281630RCM1	8/28/2010	bis(2-chloroethoxy)methane	830	ug/kg	U
SEE10191515JDF1	10/19/2010	bis(2-chloroethoxy)methane	820	ug/Kg	U
SEE10091401PML1	10/9/2010	bis(2-chloroethoxy)methane	820	ug/Kg	UJ
SEE09051550MHS1	9/5/2010	bis(2-chloroethoxy)methane	820	ug/Kg	U
SEE09291023RCM1	9/29/2010	bis(2-chloroethoxy)methane	810	ug/Kg	UJ
SEE09121436RCM1	9/12/2010	bis(2-chloroethoxy)methane	810	ug/Kg	UJ
SEE09021010PML1	9/2/2010	bis(2-chloroethoxy)methane	810	ug/Kg	U
SEE10041530JDF1	10/4/2010	bis(2-chloroethoxy)methane	800	ug/Kg	U
SEE09101625PML1	9/10/2010	bis(2-chloroethoxy)methane	800	ug/Kg	UJ
SEE09061525MHS1	9/6/2010	bis(2-chloroethoxy)methane	800	ug/Kg	U
SEE09031100PML1	9/3/2010	bis(2-chloroethoxy)methane	800	ug/Kg	U
SEE08301638MHS1	8/30/2010	bis(2-chloroethoxy)methane	800	ug/Kg	U
SEE10191415JDF1	10/19/2010	bis(2-chloroethoxy)methane	790	ug/Kg	U
SEE10181035JDF1	10/18/2010	bis(2-chloroethoxy)methane	790	ug/Kg	U
SEE10091614PML1	10/9/2010	bis(2-chloroethoxy)methane	790	ug/Kg	UJ
SEE10051653PML1	10/5/2010	bis(2-chloroethoxy)methane	790	ug/Kg	U
SEE09231210JDF1	9/23/2010	bis(2-chloroethoxy)methane	790	ug/Kg	U
SEE09141515PML1	9/14/2010	bis(2-chloroethoxy)methane	790	ug/Kg	UJ
SEE09131026RCM1	9/13/2010	bis(2-chloroethoxy)methane	790	ug/Kg	U
SEE09051130PML1	9/5/2010	bis(2-chloroethoxy)methane	790	ug/Kg	U
SEE08301550PML1	8/30/2010	bis(2-chloroethoxy)methane	790	ug/Kg	U
SEE10191155JDF1	10/19/2010	bis(2-chloroethoxy)methane	780	ug/Kg	U
SEE10171115JDF1	10/17/2010	bis(2-chloroethoxy)methane	780	ug/Kg	U
SEE10141015JDF1	10/14/2010	bis(2-chloroethoxy)methane	780	ug/Kg	UJ
SEE09220935RCM1	9/22/2010	bis(2-chloroethoxy)methane	780	ug/Kg	U
SEE09191445RCM1	9/19/2010	bis(2-chloroethoxy)methane	780	ug/Kg	U
SEE09161045PML1	9/16/2010	bis(2-chloroethoxy)methane	780	ug/Kg	U
SEE09071050PML1	9/7/2010	bis(2-chloroethoxy)methane	780	ug/Kg	UJ
SEE10211010JWP1	10/21/2010	bis(2-chloroethoxy)methane	770	ug/Kg	U
SEE10181510JDF1	10/18/2010	bis(2-chloroethoxy)methane	770	ug/Kg	U
SEE10181510JDF1	10/18/2010	bis(2-chloroethoxy)methane	770	ug/Kg	U
SEE10061205PML1	10/6/2010	bis(2-chloroethoxy)methane	770	ug/Kg	U
SEE10031115JDF1	10/3/2010	bis(2-chloroethoxy)methane	770	ug/Kg	UJ
SEE10031115JDF1	10/3/2010	bis(2-chloroethoxy)methane	770	ug/Kg	UJ
SEE09171415PML1	9/17/2010	bis(2-chloroethoxy)methane	770	ug/Kg	UJ
SEE09140945PML1	9/14/2010	bis(2-chloroethoxy)methane	770	ug/Kg	UJ
SEE09131445RCM1	9/13/2010	bis(2-chloroethoxy)methane	770	ug/Kg	U
SEE09131505PML1	9/13/2010	bis(2-chloroethoxy)methane	770	ug/Kg	U
SEE08301145MHS1	8/30/2010	bis(2-chloroethoxy)methane	770	ug/Kg	U
SEE10141555ARM1	10/14/2010	bis(2-chloroethoxy)methane	760	ug/Kg	UJ
SEE10101215PML1	10/10/2010	bis(2-chloroethoxy)methane	760	ug/Kg	U
SEE10101215PML1	10/10/2010	bis(2-chloroethoxy)methane	760	ug/Kg	U
SEE09170839RCM1	9/17/2010	bis(2-chloroethoxy)methane	760	ug/Kg	UJ
SEE09081205PML1	9/8/2010	bis(2-chloroethoxy)methane	760	ug/Kg	U
SEE09031140MHS1	9/3/2010	bis(2-chloroethoxy)methane	760	ug/Kg	U
SEE10061051RCM1	10/6/2010	bis(2-chloroethoxy)methane	750	ug/Kg	U
SEE10041138RCM1	10/4/2010	bis(2-chloroethoxy)methane	750	ug/Kg	U
SEE09251135JDF1	9/25/2010	bis(2-chloroethoxy)methane	750	ug/Kg	UJ
SEE09200945PML1	9/20/2010	bis(2-chloroethoxy)methane	750	ug/Kg	U
SEE09200945PML1	9/20/2010	bis(2-chloroethoxy)methane	750	ug/Kg	U
SEE09191040PML1	9/19/2010	bis(2-chloroethoxy)methane	750	ug/Kg	U

**TABLE B-2b**  
**Upstream Sediment Samples (Morrow Lake)**

Sample ID	Sample Date	Analyte	Result	Unit	Data Qualifier
SEE09181705PML1	9/18/2010	bis(2-chloroethoxy)methane	750	ug/Kg	UJ
SEE09091005RCM1	9/9/2010	bis(2-chloroethoxy)methane	750	ug/Kg	U
SEE09061105PML1	9/6/2010	bis(2-chloroethoxy)methane	750	ug/Kg	U
SEE09031650PML1	9/3/2010	bis(2-chloroethoxy)methane	750	ug/Kg	U
SEE09031650PML1	9/3/2010	bis(2-chloroethoxy)methane	750	ug/Kg	U
SEE10191100JDF1	10/19/2010	bis(2-chloroethoxy)methane	740	ug/Kg	U
SEE10141150JDF1	10/14/2010	bis(2-chloroethoxy)methane	740	ug/Kg	UJ
SEE10101010PML1	10/10/2010	bis(2-chloroethoxy)methane	740	ug/Kg	U
SEE10081051RCM1	10/8/2010	bis(2-chloroethoxy)methane	740	ug/Kg	UJ
SEE09261625JDF1	9/26/2010	bis(2-chloroethoxy)methane	740	ug/Kg	UJ
SEE09261625JDF1	9/26/2010	bis(2-chloroethoxy)methane	740	ug/Kg	UJ
SEE09191530PML1	9/19/2010	bis(2-chloroethoxy)methane	740	ug/Kg	U
SEE09151145PML1	9/15/2010	bis(2-chloroethoxy)methane	740	ug/Kg	U
SEE09151145PML1	9/15/2010	bis(2-chloroethoxy)methane	740	ug/Kg	U
SEE09121055PML1	9/12/2010	bis(2-chloroethoxy)methane	740	ug/Kg	UJ
SEE09121055PML1	9/12/2010	bis(2-chloroethoxy)methane	740	ug/Kg	UJ
SEE09091515PML1	9/9/2010	bis(2-chloroethoxy)methane	740	ug/Kg	U
SEE09081010PML1	9/8/2010	bis(2-chloroethoxy)methane	740	ug/Kg	U
SEE08311045PML1	8/31/2010	bis(2-chloroethoxy)methane	740	ug/Kg	U
SEE10161530JDF1	10/16/2010	bis(2-chloroethoxy)methane	730	ug/Kg	U
SEE10141550JDF1	10/14/2010	bis(2-chloroethoxy)methane	730	ug/Kg	UJ
SEE10141550JDF1	10/14/2010	bis(2-chloroethoxy)methane	730	ug/Kg	UJ
SEE10121155JDF1	10/12/2010	bis(2-chloroethoxy)methane	730	ug/Kg	U
SEE10011120JDF1	10/1/2010	bis(2-chloroethoxy)methane	730	ug/Kg	UJ
SEE09260930RCM1	9/26/2010	bis(2-chloroethoxy)methane	730	ug/Kg	UJ
SEE09230955RCM1	9/23/2010	bis(2-chloroethoxy)methane	730	ug/Kg	U
SEE09151015PML1	9/15/2010	bis(2-chloroethoxy)methane	730	ug/Kg	U
SEE09111015PML1	9/11/2010	bis(2-chloroethoxy)methane	730	ug/Kg	UJ
SEE08281505PML1	8/28/2010	bis(2-chloroethoxy)methane	730	ug/kg	U
SEE10181210JDF1	10/18/2010	bis(2-chloroethoxy)methane	720	ug/Kg	U
SEE10150945JDF1	10/15/2010	bis(2-chloroethoxy)methane	720	ug/Kg	U
SEE10120930JDF1	10/12/2010	bis(2-chloroethoxy)methane	720	ug/Kg	U
SEE10081231PML1	10/8/2010	bis(2-chloroethoxy)methane	720	ug/Kg	UJ
SEE10071042RCM1	10/7/2010	bis(2-chloroethoxy)methane	720	ug/Kg	U
SEE10071101PML1	10/7/2010	bis(2-chloroethoxy)methane	720	ug/Kg	U
SEE09261215JDF1	9/26/2010	bis(2-chloroethoxy)methane	720	ug/Kg	UJ
SEE09011050PML1	9/1/2010	bis(2-chloroethoxy)methane	720	ug/Kg	U
SEE08271215PML1	8/27/2010	bis(2-chloroethoxy)methane	720	ug/kg	U
SEE10221055DWS1	10/22/2010	bis(2-chloroethoxy)methane	710	ug/Kg	U
SEE09221440JDF1	9/22/2010	bis(2-chloroethoxy)methane	710	ug/Kg	U
SEE09040950PML1	9/4/2010	bis(2-chloroethoxy)methane	710	ug/Kg	U
SEE10181430JWP1	10/18/2010	bis(2-chloroethoxy)methane	700	ug/Kg	U
SEE10161115ARM1	10/16/2010	bis(2-chloroethoxy)methane	700	ug/Kg	U
SEE10061640PML1	10/6/2010	bis(2-chloroethoxy)methane	700	ug/Kg	U
SEE10061640PML1	10/6/2010	bis(2-chloroethoxy)methane	700	ug/Kg	U
SEE09301205RCM1	9/30/2010	bis(2-chloroethoxy)methane	700	ug/Kg	U
SEE09211155JDF1	9/21/2010	bis(2-chloroethoxy)methane	700	ug/Kg	UJ
SEE09201115RCM1	9/20/2010	bis(2-chloroethoxy)methane	700	ug/Kg	U
SEE09171445RCM1	9/17/2010	bis(2-chloroethoxy)methane	700	ug/Kg	UJ
SEE09161035RCM1	9/16/2010	bis(2-chloroethoxy)methane	700	ug/Kg	U
SEE10191010JWP1	10/19/2010	bis(2-chloroethoxy)methane	690	ug/Kg	U
SEE10041150JDF1	10/4/2010	bis(2-chloroethoxy)methane	690	ug/Kg	U
SEE09121450PML1	9/12/2010	bis(2-chloroethoxy)methane	690	ug/Kg	UJ
SEE08301520JRP1	8/30/2010	bis(2-chloroethoxy)methane	690	ug/Kg	U
SEE08271614TWH1	8/27/2010	bis(2-chloroethoxy)methane	690	ug/kg	U
SEE10111125JDF1	10/11/2010	bis(2-chloroethoxy)methane	680	ug/Kg	U
SEE09271130JDF1	9/27/2010	bis(2-chloroethoxy)methane	680	ug/Kg	U
SEE09131620PML1	9/13/2010	bis(2-chloroethoxy)methane	680	ug/Kg	UJ
SEE09061130MHS1	9/6/2010	bis(2-chloroethoxy)methane	680	ug/Kg	U
SEE08261445JRP1	8/26/2010	bis(2-chloroethoxy)methane	680	ug/Kg	U

**TABLE B-2b**  
**Upstream Sediment Samples (Morrow Lake)**

Sample ID	Sample Date	Analyte	Result	Unit	Data Qualifier
SEE10031425JDF1	10/3/2010	bis(2-chloroethoxy)methane	670	ug/Kg	UJ
SEE09291035JDF1	9/29/2010	bis(2-chloroethoxy)methane	670	ug/Kg	UJ
SEE09250905RCM1	9/25/2010	bis(2-chloroethoxy)methane	670	ug/Kg	UJ
SEE09211530JDF1	9/21/2010	bis(2-chloroethoxy)methane	670	ug/Kg	UJ
SEE09131125PML1	9/13/2010	bis(2-chloroethoxy)methane	670	ug/Kg	U
SEE09091605PML1	9/9/2010	bis(2-chloroethoxy)methane	670	ug/Kg	U
SEE09041350PML1	9/4/2010	bis(2-chloroethoxy)methane	670	ug/Kg	U
SEE09011255PML1	9/1/2010	bis(2-chloroethoxy)methane	670	ug/Kg	U
SEE09170945PML1	9/17/2010	bis(2-chloroethoxy)methane	660	ug/Kg	UJ
SEE09091145PML1	9/9/2010	bis(2-chloroethoxy)methane	660	ug/Kg	U
SEE08301445JRP1	8/30/2010	bis(2-chloroethoxy)methane	660	ug/Kg	U
SEE08271500PML1	8/27/2010	bis(2-chloroethoxy)methane	660	ug/kg	U
SEE09091410PML1	9/9/2010	bis(2-chloroethoxy)methane	650	ug/Kg	U
SEE09171125PML1	9/17/2010	bis(2-chloroethoxy)methane	640	ug/Kg	UJ
SEE09051015PML1	9/5/2010	bis(2-chloroethoxy)methane	640	ug/Kg	U
SEE10161415JDF1	10/16/2010	bis(2-chloroethoxy)methane	630	ug/Kg	U
SEE10111011JDF1	10/11/2010	bis(2-chloroethoxy)methane	630	ug/Kg	U
SEE09130940PML1	9/13/2010	bis(2-chloroethoxy)methane	630	ug/Kg	U
SEE08301015JRP1	8/30/2010	bis(2-chloroethoxy)methane	630	ug/Kg	U
SEE10121415ARM1	10/12/2010	bis(2-chloroethoxy)methane	620	ug/Kg	U
SEE10071540PML1	10/7/2010	bis(2-chloroethoxy)methane	620	ug/Kg	U
SEE09031115JAW1	9/3/2010	bis(2-chloroethoxy)methane	620	ug/Kg	U
SEE08301530JAW1	8/30/2010	bis(2-chloroethoxy)methane	620	ug/Kg	U
SEE10161055JDF1	10/16/2010	bis(2-chloroethoxy)methane	610	ug/Kg	U
SEE10071205PML1	10/7/2010	bis(2-chloroethoxy)methane	610	ug/Kg	U
SEE09271515JDF1	9/27/2010	bis(2-chloroethoxy)methane	610	ug/Kg	U
SEE09211112RCM1	9/21/2010	bis(2-chloroethoxy)methane	610	ug/Kg	UJ
SEE09201645ARM1	9/20/2010	bis(2-chloroethoxy)methane	610	ug/Kg	U
SEE09171530PML1	9/17/2010	bis(2-chloroethoxy)methane	610	ug/Kg	UJ
SEE09091010PML1	9/9/2010	bis(2-chloroethoxy)methane	610	ug/Kg	U
SEE09091025JRP1	9/9/2010	bis(2-chloroethoxy)methane	610	ug/Kg	U
SEE10111350JDF1	10/11/2010	bis(2-chloroethoxy)methane	600	ug/Kg	U
SEE09290925JDF1	9/29/2010	bis(2-chloroethoxy)methane	600	ug/Kg	UJ
SEE09221105JDF1	9/22/2010	bis(2-chloroethoxy)methane	600	ug/Kg	U
SEE09221615JDF1	9/22/2010	bis(2-chloroethoxy)methane	600	ug/Kg	U
SEE10151055ARM1	10/15/2010	bis(2-chloroethoxy)methane	590	ug/Kg	U
SEE09301255MAE1	9/30/2010	bis(2-chloroethoxy)methane	590	ug/Kg	U
SEE09011145PML1	9/1/2010	bis(2-chloroethoxy)methane	590	ug/Kg	U
SEE08291110PML1	8/29/2010	bis(2-chloroethoxy)methane	590	ug/kg	U
SEE10041050JDF1	10/4/2010	bis(2-chloroethoxy)methane	580	ug/Kg	U
SEE09231130ARM1	9/23/2010	bis(2-chloroethoxy)methane	580	ug/Kg	U
SEE10121030JDF1	10/12/2010	bis(2-chloroethoxy)methane	570	ug/Kg	U
SEE10041335JDF1	10/4/2010	bis(2-chloroethoxy)methane	570	ug/Kg	U
SEE09271025ARM1	9/27/2010	bis(2-chloroethoxy)methane	570	ug/Kg	U
SEE08281215PML1	8/28/2010	bis(2-chloroethoxy)methane	570	ug/kg	U
SEE08281420TWH1	8/28/2010	bis(2-chloroethoxy)methane	570	ug/kg	U
SEE10040945JDF1	10/4/2010	bis(2-chloroethoxy)methane	560	ug/Kg	U
SEE09130955JRP1	9/13/2010	bis(2-chloroethoxy)methane	560	ug/Kg	U
SEE09291645JDF1	9/29/2010	bis(2-chloroethoxy)methane	550	ug/Kg	UJ
SEE08281510TWH1	8/28/2010	bis(2-chloroethoxy)methane	540	ug/kg	U
SEE09141312RCM1	9/14/2010	bis(2-chloroethoxy)methane	530	ug/Kg	UJ
SEE08291421KAP1	8/29/2010	bis(2-chloroethoxy)methane	510	ug/kg	U
SEE08271652TWH1	8/27/2010	bis(2-chloroethoxy)methane	500	ug/kg	U
SEE10151355ARM1	10/15/2010	bis(2-chloroethoxy)methane	480	ug/Kg	U
SEE10041355ARM1	10/4/2010	bis(2-chloroethoxy)methane	480	ug/Kg	U
SEE09090900JRP1	9/9/2010	bis(2-chloroethoxy)methane	470	ug/Kg	U
SEE08311010JRP1	8/31/2010	bis(2-chloroethoxy)methane	470	ug/Kg	U
SEE08311348MHS1	8/31/2010	bis(2-chloroethoxy)methane	470	ug/Kg	U
SEE10170915JDF1	10/17/2010	bis(2-chloroethoxy)methane	460	ug/Kg	U
SEE10071415ARM1	10/7/2010	bis(2-chloroethoxy)methane	460	ug/Kg	U

**TABLE B-2b**  
**Upstream Sediment Samples (Morrow Lake)**

Sample ID	Sample Date	Analyte	Result	Unit	Data Qualifier
SEE09291135JDF1	9/29/2010	bis(2-chloroethoxy)methane	460	ug/Kg	UJ
SEE10071151RCM1	10/7/2010	bis(2-chloroethoxy)methane	430	ug/Kg	U
SEE08300920JRP1	8/30/2010	bis(2-chloroethoxy)methane	410	ug/Kg	U
SEE08291550KAP1	8/29/2010	bis(2-chloroethoxy)methane	410	ug/kg	U
SEE10221450DWS1	10/22/2010	bis(2-chloroethoxy)methane	390	ug/Kg	U
SEE09051500MHS1	9/5/2010	bis(2-chloroethoxy)methane	380	ug/Kg	U
SEE10141025ARM1	10/14/2010	bis(2-chloroethoxy)methane	370	ug/Kg	UJ
SEE10211345JWP1	10/21/2010	bis(2-chloroethoxy)methane	330	ug/Kg	U
SEE10091200ARM1	10/9/2010	bis(2-chloroethoxy)methane	330	ug/Kg	UJ
SEE09130915JRP1	9/13/2010	bis(2-chloroethoxy)methane	330	ug/Kg	U
SEE08291354KAP1	8/29/2010	bis(2-chloroethoxy)methane	330	ug/kg	U
SEE09061610JAW1	9/6/2010	bis(2-chloroethoxy)methane	290	ug/Kg	U
SEE10051415ARM1	10/5/2010	bis(2-chloroethoxy)methane	280	ug/Kg	U
SEE10171535ARM1	10/17/2010	bis(2-chloroethoxy)methane	270	ug/Kg	U
SEE08291445PML1	8/29/2010	bis(2-chloroethoxy)methane	270	ug/kg	U
SEE08261700JRP1	8/26/2010	bis(2-chloroethoxy)methane	270	ug/Kg	U
SEE09100945RCM1	9/10/2010	bis(2-chloroethoxy)methane	260	ug/Kg	UJ
SEE08301410JRP1	8/30/2010	bis(2-chloroethoxy)methane	260	ug/Kg	U
SEE10011125ARM1	10/1/2010	bis(2-chloroethoxy)methane	250	ug/Kg	UJ
SEE09211120ARM1	9/21/2010	bis(2-chloroethoxy)methane	250	ug/Kg	UJ
SEE09201110ARM1	9/20/2010	bis(2-chloroethoxy)methane	250	ug/Kg	U
SEF10221050MAE3	10/22/2010	bis(2-chloroethoxy)methane	240	ug/Kg	U
SEF10191135NAC3	10/19/2010	bis(2-chloroethoxy)methane	240	ug/Kg	U
SEE10081035ARM1	10/8/2010	bis(2-chloroethoxy)methane	240	ug/Kg	UJ
SEE09171200ARM1	9/17/2010	bis(2-chloroethoxy)methane	240	ug/Kg	UJ
SEF10011045TDF1	10/1/2010	bis(2-chloroethoxy)methane	230	ug/Kg	UJ
SEE09290915MAE1	9/29/2010	bis(2-chloroethoxy)methane	230	ug/Kg	UJ
SEE09271500ARM1	9/27/2010	bis(2-chloroethoxy)methane	230	ug/Kg	U
SEE09231205RCM1	9/23/2010	bis(2-chloroethoxy)methane	230	ug/Kg	U
SEE09200911RCM1	9/20/2010	bis(2-chloroethoxy)methane	230	ug/Kg	U
SEE09140945JRP1	9/14/2010	bis(2-chloroethoxy)methane	230	ug/Kg	UJ
SEE08271445JRP1	8/27/2010	bis(2-chloroethoxy)methane	230	ug/kg	U
SEF10081108TDF3	10/8/2010	bis(2-chloroethoxy)methane	220	ug/Kg	UJ
SEE10071045ARM1	10/7/2010	bis(2-chloroethoxy)methane	220	ug/Kg	U
SEE10041045ARM1	10/4/2010	bis(2-chloroethoxy)methane	220	ug/Kg	U
SEE10011043RCM1	10/1/2010	bis(2-chloroethoxy)methane	220	ug/Kg	UJ
SEE09281445RCM1	9/28/2010	bis(2-chloroethoxy)methane	220	ug/Kg	U
SEE09251235ARM1	9/25/2010	bis(2-chloroethoxy)methane	220	ug/Kg	UJ
SEE09231035ARM1	9/23/2010	bis(2-chloroethoxy)methane	220	ug/Kg	U
SEE09170935RCM1	9/17/2010	bis(2-chloroethoxy)methane	220	ug/Kg	UJ
SEE09150915JRP1	9/15/2010	bis(2-chloroethoxy)methane	220	ug/Kg	U
SEE09070930JRP1	9/7/2010	bis(2-chloroethoxy)methane	220	ug/Kg	UJ
SEB09011143JLS1	9/1/2010	bis(2-chloroethoxy)methane	220	ug/Kg	U
SEE08301100JRP1	8/30/2010	bis(2-chloroethoxy)methane	220	ug/Kg	U
SEE08271536TWH1	8/27/2010	bis(2-chloroethoxy)methane	220	ug/kg	U
SEE10191115JWP1	10/19/2010	bis(2-chloroethoxy)methane	210	ug/Kg	U
SEF10151030PMB3	10/15/2010	bis(2-chloroethoxy)methane	210	ug/Kg	U
SEF10121130PMB3	10/12/2010	bis(2-chloroethoxy)methane	210	ug/Kg	U
SEE10061135ARM1	10/6/2010	bis(2-chloroethoxy)methane	210	ug/Kg	U
SEF10051206TDF3	10/5/2010	bis(2-chloroethoxy)methane	210	ug/Kg	U
SEE09100920JRP1	9/10/2010	bis(2-chloroethoxy)methane	210	ug/Kg	UJ
SEE09051500JAW1	9/5/2010	bis(2-chloroethoxy)methane	210	ug/Kg	U
SEB08281400JLS1	8/28/2010	bis(2-chloroethoxy)methane	210	ug/kg	U
SEE08281540JRP1	8/28/2010	bis(2-chloroethoxy)methane	210	ug/kg	U
SEE10131035ARM1	10/13/2010	bis(2-chloroethoxy)methane	200	ug/Kg	U
SEE10121040ARM1	10/12/2010	bis(2-chloroethoxy)methane	200	ug/Kg	U
SEE10051145RCM1	10/5/2010	bis(2-chloroethoxy)methane	200	ug/Kg	U
SEE09301025MAE1	9/30/2010	bis(2-chloroethoxy)methane	200	ug/Kg	U
SEF09281139TDF1	9/28/2010	bis(2-chloroethoxy)methane	200	ug/Kg	U
SEE09221045ARM1	9/22/2010	bis(2-chloroethoxy)methane	200	ug/Kg	U

**TABLE B-2b**  
**Upstream Sediment Samples (Morrow Lake)**

Sample ID	Sample Date	Analyte	Result	Unit	Data Qualifier
SEE09080930JRP1	9/8/2010	bis(2-chloroethoxy)methane	200	ug/Kg	U
SEE09011515JAW1	9/1/2010	bis(2-chloroethoxy)methane	200	ug/Kg	U
SEE10181030JWP1	10/18/2010	bis(2-chloroethoxy)methane	190	ug/Kg	U
ML-07-S-081810	8/18/2010	bis(2-chloroethoxy)methane	0.37	mg/Kg	UJ
ML-06-S-082310	8/23/2010	bis(2-chloroethoxy)methane	0.33	mg/Kg	U
ML-04-S-081710	8/17/2010	bis(2-chloroethoxy)methane	0.32	mg/Kg	U
ML-04-S-082610	8/26/2010	bis(2-chloroethoxy)methane	0.31	mg/Kg	U
ML-03-S-082310	8/23/2010	bis(2-chloroethoxy)methane	0.31	mg/Kg	U
ML-10-S-081910	8/19/2010	bis(2-chloroethoxy)methane	0.31	mg/Kg	U
ML-10-S-081910	8/19/2010	bis(2-chloroethoxy)methane	0.31	mg/Kg	U
ML-09-S-081810	8/18/2010	bis(2-chloroethoxy)methane	0.31	mg/Kg	UJ
ML-06-S-081710	8/17/2010	bis(2-chloroethoxy)methane	0.31	mg/Kg	U
ML-10-S-082610	8/26/2010	bis(2-chloroethoxy)methane	0.30	mg/Kg	U
ML-10-S-082610	8/26/2010	bis(2-chloroethoxy)methane	0.30	mg/Kg	U
ML-05-S-082310	8/23/2010	bis(2-chloroethoxy)methane	0.28	mg/Kg	U
ML-01-S-081910	8/19/2010	bis(2-chloroethoxy)methane	0.27	mg/Kg	U
ML-05-S-081710	8/17/2010	bis(2-chloroethoxy)methane	0.26	mg/Kg	U
ML-02-S-082310	8/23/2010	bis(2-chloroethoxy)methane	0.25	mg/Kg	U
ML-02-S-081710	8/17/2010	bis(2-chloroethoxy)methane	0.24	mg/Kg	U
ML-06-S-082510	8/25/2010	bis(2-chloroethoxy)methane	0.18	mg/Kg	U
ML-07-S-082410	8/24/2010	bis(2-chloroethoxy)methane	0.18	mg/Kg	UJ
ML-07-S-082110	8/21/2010	bis(2-chloroethoxy)methane	0.18	mg/Kg	U
ML-05-S-082610	8/26/2010	bis(2-chloroethoxy)methane	0.17	mg/Kg	U
ML-07-S-082510	8/25/2010	bis(2-chloroethoxy)methane	0.17	mg/Kg	U
ML-08-S-082110	8/21/2010	bis(2-chloroethoxy)methane	0.17	mg/Kg	U
ML-07-S-081610	8/16/2010	bis(2-chloroethoxy)methane	0.17	mg/Kg	U
ML-08-S-081610	8/16/2010	bis(2-chloroethoxy)methane	0.17	mg/Kg	U
ML-08-S-082510	8/25/2010	bis(2-chloroethoxy)methane	0.16	mg/Kg	U
ML-08-S-082410	8/24/2010	bis(2-chloroethoxy)methane	0.16	mg/Kg	UJ
ML-06-S-082010	8/20/2010	bis(2-chloroethoxy)methane	0.16	mg/Kg	U
ML-01-S-081610	8/16/2010	bis(2-chloroethoxy)methane	0.16	mg/Kg	U
ML-01-S-082510	8/25/2010	bis(2-chloroethoxy)methane	0.15	mg/Kg	U
ML-09-S-082510	8/25/2010	bis(2-chloroethoxy)methane	0.15	mg/Kg	U
ML-04-S-082410	8/24/2010	bis(2-chloroethoxy)methane	0.15	mg/Kg	UJ
ML-10-S-082410	8/24/2010	bis(2-chloroethoxy)methane	0.15	mg/Kg	UJ
ML-10-S-082410	8/24/2010	bis(2-chloroethoxy)methane	0.15	mg/Kg	UJ
ML-09-S-082110	8/21/2010	bis(2-chloroethoxy)methane	0.15	mg/Kg	U
ML-10-S-082110	8/21/2010	bis(2-chloroethoxy)methane	0.15	mg/Kg	U
ML-10-S-082110	8/21/2010	bis(2-chloroethoxy)methane	0.15	mg/Kg	U
ML-05-S-082010	8/20/2010	bis(2-chloroethoxy)methane	0.15	mg/Kg	U
ML-10-S-081610	8/16/2010	bis(2-chloroethoxy)methane	0.15	mg/Kg	U
ML-10-S-081610	8/16/2010	bis(2-chloroethoxy)methane	0.15	mg/Kg	U
ML-02-S-082510	8/25/2010	bis(2-chloroethoxy)methane	0.14	mg/Kg	U
ML-09-S-082410	8/24/2010	bis(2-chloroethoxy)methane	0.14	mg/Kg	UJ
ML-01-S-082110	8/21/2010	bis(2-chloroethoxy)methane	0.14	mg/Kg	U
ML-03-S-082510	8/25/2010	bis(2-chloroethoxy)methane	0.13	mg/Kg	U
ML-02-S-082010	8/20/2010	bis(2-chloroethoxy)methane	0.13	mg/Kg	U
ML-03-S-082010	8/20/2010	bis(2-chloroethoxy)methane	0.13	mg/Kg	U
ML-04-S-082010	8/20/2010	bis(2-chloroethoxy)methane	0.13	mg/Kg	U
ML-03-S-081610	8/16/2010	bis(2-chloroethoxy)methane	0.12	mg/Kg	U
SEE09051430PML1	9/5/2010	bis(2-chloroethyl)ether	3000	ug/Kg	U
SEE09011635PML1	9/1/2010	bis(2-chloroethyl)ether	3000	ug/Kg	U
SEE10211035JDF1	10/21/2010	bis(2-chloroethyl)ether	960	ug/Kg	UJ
SEE10051125PML1	10/5/2010	bis(2-chloroethyl)ether	930	ug/Kg	U
SEE09061500PML1	9/6/2010	bis(2-chloroethyl)ether	920	ug/Kg	U
SEE09021400PML1	9/2/2010	bis(2-chloroethyl)ether	920	ug/Kg	U
SEE09301105JDF1	9/30/2010	bis(2-chloroethyl)ether	910	ug/Kg	U
SEE08301130PML1	8/30/2010	bis(2-chloroethyl)ether	910	ug/Kg	U
SEE10191005JDF1	10/19/2010	bis(2-chloroethyl)ether	880	ug/Kg	U
SEE10171410JDF1	10/17/2010	bis(2-chloroethyl)ether	880	ug/Kg	UJ

**TABLE B-2b**  
**Upstream Sediment Samples (Morrow Lake)**

Sample ID	Sample Date	Analyte	Result	Unit	Data Qualifier
SEE09181235PML1	9/18/2010	bis(2-chloroethyl)ether	880	ug/Kg	U
SEE09101022PML1	9/10/2010	bis(2-chloroethyl)ether	880	ug/Kg	U
SEE09011545PML1	9/1/2010	bis(2-chloroethyl)ether	870	ug/Kg	U
SEE10211430JDF1	10/21/2010	bis(2-chloroethyl)ether	860	ug/Kg	U
SEE09231645JDF1	9/23/2010	bis(2-chloroethyl)ether	860	ug/Kg	U
SEE09141135PML1	9/14/2010	bis(2-chloroethyl)ether	860	ug/Kg	U
SEE09091410RCM1	9/9/2010	bis(2-chloroethyl)ether	860	ug/Kg	U
SEE10081115PML1	10/8/2010	bis(2-chloroethyl)ether	850	ug/Kg	U
SEE09121105RCM1	9/12/2010	bis(2-chloroethyl)ether	850	ug/Kg	UJ
SEE09101215PML1	9/10/2010	bis(2-chloroethyl)ether	850	ug/Kg	U
SEE09081020RCM1	9/8/2010	bis(2-chloroethyl)ether	850	ug/Kg	U
SEE09031645MHS1	9/3/2010	bis(2-chloroethyl)ether	850	ug/Kg	U
SEE09011545MHS1	9/1/2010	bis(2-chloroethyl)ether	850	ug/Kg	U
SEE08311420PML1	8/31/2010	bis(2-chloroethyl)ether	850	ug/Kg	U
SEE08311420PML1	8/31/2010	bis(2-chloroethyl)ether	850	ug/Kg	U
SEE10131150JDF1	10/13/2010	bis(2-chloroethyl)ether	840	ug/Kg	U
SEE09301255JDF1	9/30/2010	bis(2-chloroethyl)ether	840	ug/Kg	U
SEE10221110JDF1	10/22/2010	bis(2-chloroethyl)ether	830	ug/Kg	U
SEE10221110JDF1	10/22/2010	bis(2-chloroethyl)ether	830	ug/Kg	U
SEE09030925PML1	9/3/2010	bis(2-chloroethyl)ether	830	ug/Kg	U
SEE10191515JDF1	10/19/2010	bis(2-chloroethyl)ether	820	ug/Kg	U
SEE10091401PML1	10/9/2010	bis(2-chloroethyl)ether	820	ug/Kg	UJ
SEE09051550MHS1	9/5/2010	bis(2-chloroethyl)ether	820	ug/Kg	U
SEE09291023RCM1	9/29/2010	bis(2-chloroethyl)ether	810	ug/Kg	UJ
SEE09121436RCM1	9/12/2010	bis(2-chloroethyl)ether	810	ug/Kg	UJ
SEE09021010PML1	9/2/2010	bis(2-chloroethyl)ether	810	ug/Kg	U
SEE10041530JDF1	10/4/2010	bis(2-chloroethyl)ether	800	ug/Kg	U
SEE09101625PML1	9/10/2010	bis(2-chloroethyl)ether	800	ug/Kg	U
SEE09061525MHS1	9/6/2010	bis(2-chloroethyl)ether	800	ug/Kg	U
SEE09031100PML1	9/3/2010	bis(2-chloroethyl)ether	800	ug/Kg	U
SEE08301638MHS1	8/30/2010	bis(2-chloroethyl)ether	800	ug/Kg	U
SEE10191415JDF1	10/19/2010	bis(2-chloroethyl)ether	790	ug/Kg	U
SEE10181035JDF1	10/18/2010	bis(2-chloroethyl)ether	790	ug/Kg	U
SEE10091614PML1	10/9/2010	bis(2-chloroethyl)ether	790	ug/Kg	UJ
SEE10051653PML1	10/5/2010	bis(2-chloroethyl)ether	790	ug/Kg	U
SEE09231210JDF1	9/23/2010	bis(2-chloroethyl)ether	790	ug/Kg	U
SEE09141515PML1	9/14/2010	bis(2-chloroethyl)ether	790	ug/Kg	U
SEE09131026RCM1	9/13/2010	bis(2-chloroethyl)ether	790	ug/Kg	U
SEE09051130PML1	9/5/2010	bis(2-chloroethyl)ether	790	ug/Kg	U
SEE08301550PML1	8/30/2010	bis(2-chloroethyl)ether	790	ug/Kg	U
SEE10191155JDF1	10/19/2010	bis(2-chloroethyl)ether	780	ug/Kg	U
SEE10171115JDF1	10/17/2010	bis(2-chloroethyl)ether	780	ug/Kg	UJ
SEE10141015JDF1	10/14/2010	bis(2-chloroethyl)ether	780	ug/Kg	U
SEE09220935RCM1	9/22/2010	bis(2-chloroethyl)ether	780	ug/Kg	U
SEE09191445RCM1	9/19/2010	bis(2-chloroethyl)ether	780	ug/Kg	U
SEE09161045PML1	9/16/2010	bis(2-chloroethyl)ether	780	ug/Kg	U
SEE09071050PML1	9/7/2010	bis(2-chloroethyl)ether	780	ug/Kg	U
SEE10211010JWP1	10/21/2010	bis(2-chloroethyl)ether	770	ug/Kg	U
SEE10181510JDF1	10/18/2010	bis(2-chloroethyl)ether	770	ug/Kg	U
SEE10181510JDF1	10/18/2010	bis(2-chloroethyl)ether	770	ug/Kg	U
SEE10061205PML1	10/6/2010	bis(2-chloroethyl)ether	770	ug/Kg	U
SEE10031115JDF1	10/3/2010	bis(2-chloroethyl)ether	770	ug/Kg	U
SEE10031115JDF1	10/3/2010	bis(2-chloroethyl)ether	770	ug/Kg	U
SEE09171415PML1	9/17/2010	bis(2-chloroethyl)ether	770	ug/Kg	U
SEE09140945PML1	9/14/2010	bis(2-chloroethyl)ether	770	ug/Kg	U
SEE09131445RCM1	9/13/2010	bis(2-chloroethyl)ether	770	ug/Kg	U
SEE09131505PML1	9/13/2010	bis(2-chloroethyl)ether	770	ug/Kg	U
SEE08301145MHS1	8/30/2010	bis(2-chloroethyl)ether	770	ug/Kg	U
SEE10141555ARM1	10/14/2010	bis(2-chloroethyl)ether	760	ug/Kg	U
SEE10101215PML1	10/10/2010	bis(2-chloroethyl)ether	760	ug/Kg	U

**TABLE B-2b**  
**Upstream Sediment Samples (Morrow Lake)**

Sample ID	Sample Date	Analyte	Result	Unit	Data Qualifier
SEE10101215PML1	10/10/2010	bis(2-chloroethyl)ether	760	ug/Kg	U
SEE09170839RCM1	9/17/2010	bis(2-chloroethyl)ether	760	ug/Kg	U
SEE09081205PML1	9/8/2010	bis(2-chloroethyl)ether	760	ug/Kg	U
SEE09031140MHS1	9/3/2010	bis(2-chloroethyl)ether	760	ug/Kg	U
SEE10061051RCM1	10/6/2010	bis(2-chloroethyl)ether	750	ug/Kg	U
SEE10041138RCM1	10/4/2010	bis(2-chloroethyl)ether	750	ug/Kg	U
SEE09251135JDF1	9/25/2010	bis(2-chloroethyl)ether	750	ug/Kg	U
SEE09200945PML1	9/20/2010	bis(2-chloroethyl)ether	750	ug/Kg	U
SEE09200945PML1	9/20/2010	bis(2-chloroethyl)ether	750	ug/Kg	U
SEE09191040PML1	9/19/2010	bis(2-chloroethyl)ether	750	ug/Kg	U
SEE09181705PML1	9/18/2010	bis(2-chloroethyl)ether	750	ug/Kg	U
SEE09091005RCM1	9/9/2010	bis(2-chloroethyl)ether	750	ug/Kg	U
SEE09061105PML1	9/6/2010	bis(2-chloroethyl)ether	750	ug/Kg	U
SEE09031650PML1	9/3/2010	bis(2-chloroethyl)ether	750	ug/Kg	U
SEE09031650PML1	9/3/2010	bis(2-chloroethyl)ether	750	ug/Kg	U
SEE10191100JDF1	10/19/2010	bis(2-chloroethyl)ether	740	ug/Kg	U
SEE10141150JDF1	10/14/2010	bis(2-chloroethyl)ether	740	ug/Kg	U
SEE10101010PML1	10/10/2010	bis(2-chloroethyl)ether	740	ug/Kg	U
SEE10081051RCM1	10/8/2010	bis(2-chloroethyl)ether	740	ug/Kg	U
SEE09261625JDF1	9/26/2010	bis(2-chloroethyl)ether	740	ug/Kg	U
SEE09261625JDF1	9/26/2010	bis(2-chloroethyl)ether	740	ug/Kg	U
SEE09191530PML1	9/19/2010	bis(2-chloroethyl)ether	740	ug/Kg	U
SEE09151145PML1	9/15/2010	bis(2-chloroethyl)ether	740	ug/Kg	U
SEE09151145PML1	9/15/2010	bis(2-chloroethyl)ether	740	ug/Kg	U
SEE09121055PML1	9/12/2010	bis(2-chloroethyl)ether	740	ug/Kg	UJ
SEE09121055PML1	9/12/2010	bis(2-chloroethyl)ether	740	ug/Kg	UJ
SEE09091515PML1	9/9/2010	bis(2-chloroethyl)ether	740	ug/Kg	U
SEE09081010PML1	9/8/2010	bis(2-chloroethyl)ether	740	ug/Kg	U
SEE08311045PML1	8/31/2010	bis(2-chloroethyl)ether	740	ug/Kg	U
SEE10161530JDF1	10/16/2010	bis(2-chloroethyl)ether	730	ug/Kg	U
SEE10141550JDF1	10/14/2010	bis(2-chloroethyl)ether	730	ug/Kg	U
SEE10141550JDF1	10/14/2010	bis(2-chloroethyl)ether	730	ug/Kg	U
SEE10121155JDF1	10/12/2010	bis(2-chloroethyl)ether	730	ug/Kg	U
SEE10011120JDF1	10/1/2010	bis(2-chloroethyl)ether	730	ug/Kg	U
SEE09260930RCM1	9/26/2010	bis(2-chloroethyl)ether	730	ug/Kg	U
SEE09230955RCM1	9/23/2010	bis(2-chloroethyl)ether	730	ug/Kg	U
SEE09151015PML1	9/15/2010	bis(2-chloroethyl)ether	730	ug/Kg	U
SEE09111015PML1	9/11/2010	bis(2-chloroethyl)ether	730	ug/Kg	UJ
SEE10181210JDF1	10/18/2010	bis(2-chloroethyl)ether	720	ug/Kg	U
SEE10150945JDF1	10/15/2010	bis(2-chloroethyl)ether	720	ug/Kg	U
SEE10120930JDF1	10/12/2010	bis(2-chloroethyl)ether	720	ug/Kg	U
SEE10081231PML1	10/8/2010	bis(2-chloroethyl)ether	720	ug/Kg	U
SEE10071042RCM1	10/7/2010	bis(2-chloroethyl)ether	720	ug/Kg	U
SEE10071101PML1	10/7/2010	bis(2-chloroethyl)ether	720	ug/Kg	U
SEE09261215JDF1	9/26/2010	bis(2-chloroethyl)ether	720	ug/Kg	U
SEE09011050PML1	9/1/2010	bis(2-chloroethyl)ether	720	ug/Kg	U
SEE10221055DWS1	10/22/2010	bis(2-chloroethyl)ether	710	ug/Kg	U
SEE09221440JDF1	9/22/2010	bis(2-chloroethyl)ether	710	ug/Kg	U
SEE09040950PML1	9/4/2010	bis(2-chloroethyl)ether	710	ug/Kg	U
SEE10181430JWP1	10/18/2010	bis(2-chloroethyl)ether	700	ug/Kg	U
SEE10161115ARM1	10/16/2010	bis(2-chloroethyl)ether	700	ug/Kg	U
SEE10061640PML1	10/6/2010	bis(2-chloroethyl)ether	700	ug/Kg	U
SEE10061640PML1	10/6/2010	bis(2-chloroethyl)ether	700	ug/Kg	U
SEE09301205RCM1	9/30/2010	bis(2-chloroethyl)ether	700	ug/Kg	U
SEE09211155JDF1	9/21/2010	bis(2-chloroethyl)ether	700	ug/Kg	U
SEE09201115RCM1	9/20/2010	bis(2-chloroethyl)ether	700	ug/Kg	U
SEE09171445RCM1	9/17/2010	bis(2-chloroethyl)ether	700	ug/Kg	U
SEE09161035RCM1	9/16/2010	bis(2-chloroethyl)ether	700	ug/Kg	U
SEE10191010JWP1	10/19/2010	bis(2-chloroethyl)ether	690	ug/Kg	U
SEE10041150JDF1	10/4/2010	bis(2-chloroethyl)ether	690	ug/Kg	U

**TABLE B-2b**  
**Upstream Sediment Samples (Morrow Lake)**

Sample ID	Sample Date	Analyte	Result	Unit	Data Qualifier
SEE09121450PML1	9/12/2010	bis(2-chloroethyl)ether	690	ug/Kg	UJ
SEE08301520JRP1	8/30/2010	bis(2-chloroethyl)ether	690	ug/Kg	U
SEE10111125JDF1	10/11/2010	bis(2-chloroethyl)ether	680	ug/Kg	U
SEE09271130JDF1	9/27/2010	bis(2-chloroethyl)ether	680	ug/Kg	U
SEE09131620PML1	9/13/2010	bis(2-chloroethyl)ether	680	ug/Kg	U
SEE09061130MHS1	9/6/2010	bis(2-chloroethyl)ether	680	ug/Kg	U
SEE08261445JRP1	8/26/2010	bis(2-chloroethyl)ether	680	ug/Kg	U
SEE10031425JDF1	10/3/2010	bis(2-chloroethyl)ether	670	ug/Kg	U
SEE09291035JDF1	9/29/2010	bis(2-chloroethyl)ether	670	ug/Kg	UJ
SEE09250905RCM1	9/25/2010	bis(2-chloroethyl)ether	670	ug/Kg	U
SEE09211530JDF1	9/21/2010	bis(2-chloroethyl)ether	670	ug/Kg	U
SEE09131125PML1	9/13/2010	bis(2-chloroethyl)ether	670	ug/Kg	U
SEE09091605PML1	9/9/2010	bis(2-chloroethyl)ether	670	ug/Kg	U
SEE09041350PML1	9/4/2010	bis(2-chloroethyl)ether	670	ug/Kg	U
SEE09011255PML1	9/1/2010	bis(2-chloroethyl)ether	670	ug/Kg	U
SEE09170945PML1	9/17/2010	bis(2-chloroethyl)ether	660	ug/Kg	U
SEE09091145PML1	9/9/2010	bis(2-chloroethyl)ether	660	ug/Kg	U
SEE08301445JRP1	8/30/2010	bis(2-chloroethyl)ether	660	ug/Kg	U
SEE09091410PML1	9/9/2010	bis(2-chloroethyl)ether	650	ug/Kg	U
SEE09171125PML1	9/17/2010	bis(2-chloroethyl)ether	640	ug/Kg	U
SEE09051015PML1	9/5/2010	bis(2-chloroethyl)ether	640	ug/Kg	U
SEE10161415JDF1	10/16/2010	bis(2-chloroethyl)ether	630	ug/Kg	U
SEE101111011JDF1	10/11/2010	bis(2-chloroethyl)ether	630	ug/Kg	U
SEE09130940PML1	9/13/2010	bis(2-chloroethyl)ether	630	ug/Kg	U
SEE08301015JRP1	8/30/2010	bis(2-chloroethyl)ether	630	ug/Kg	U
SEE10121415ARM1	10/12/2010	bis(2-chloroethyl)ether	620	ug/Kg	U
SEE10071540PML1	10/7/2010	bis(2-chloroethyl)ether	620	ug/Kg	U
SEE09031115JAW1	9/3/2010	bis(2-chloroethyl)ether	620	ug/Kg	U
SEE08301530JAW1	8/30/2010	bis(2-chloroethyl)ether	620	ug/Kg	U
SEE10161055JDF1	10/16/2010	bis(2-chloroethyl)ether	610	ug/Kg	U
SEE10071205PML1	10/7/2010	bis(2-chloroethyl)ether	610	ug/Kg	U
SEE09271515JDF1	9/27/2010	bis(2-chloroethyl)ether	610	ug/Kg	U
SEE09211112RCM1	9/21/2010	bis(2-chloroethyl)ether	610	ug/Kg	U
SEE09201645ARM1	9/20/2010	bis(2-chloroethyl)ether	610	ug/Kg	U
SEE09171530PML1	9/17/2010	bis(2-chloroethyl)ether	610	ug/Kg	U
SEE09091010PML1	9/9/2010	bis(2-chloroethyl)ether	610	ug/Kg	U
SEE09091025JRP1	9/9/2010	bis(2-chloroethyl)ether	610	ug/Kg	U
SEE10111350JDF1	10/11/2010	bis(2-chloroethyl)ether	600	ug/Kg	U
SEE09290925JDF1	9/29/2010	bis(2-chloroethyl)ether	600	ug/Kg	UJ
SEE09221105JDF1	9/22/2010	bis(2-chloroethyl)ether	600	ug/Kg	U
SEE09221615JDF1	9/22/2010	bis(2-chloroethyl)ether	600	ug/Kg	U
SEE10151055ARM1	10/15/2010	bis(2-chloroethyl)ether	590	ug/Kg	U
SEE09301255MAE1	9/30/2010	bis(2-chloroethyl)ether	590	ug/Kg	U
SEE09011145PML1	9/1/2010	bis(2-chloroethyl)ether	590	ug/Kg	U
SEE10041050JDF1	10/4/2010	bis(2-chloroethyl)ether	580	ug/Kg	U
SEE09231130ARM1	9/23/2010	bis(2-chloroethyl)ether	580	ug/Kg	U
SEE10121030JDF1	10/12/2010	bis(2-chloroethyl)ether	570	ug/Kg	U
SEE10041335JDF1	10/4/2010	bis(2-chloroethyl)ether	570	ug/Kg	U
SEE09271025ARM1	9/27/2010	bis(2-chloroethyl)ether	570	ug/Kg	U
SEE10040945JDF1	10/4/2010	bis(2-chloroethyl)ether	560	ug/Kg	U
SEE09130955JRP1	9/13/2010	bis(2-chloroethyl)ether	560	ug/Kg	U
SEE09291645JDF1	9/29/2010	bis(2-chloroethyl)ether	550	ug/Kg	UJ
SEE09141312RCM1	9/14/2010	bis(2-chloroethyl)ether	530	ug/Kg	U
SEE08271145RCM1	8/27/2010	bis(2-chloroethyl)ether	490	ug/kg	U
SEE10151355ARM1	10/15/2010	bis(2-chloroethyl)ether	480	ug/Kg	U
SEE10041355ARM1	10/4/2010	bis(2-chloroethyl)ether	480	ug/Kg	U
SEE09090900JRP1	9/9/2010	bis(2-chloroethyl)ether	470	ug/Kg	U
SEE08311010JRP1	8/31/2010	bis(2-chloroethyl)ether	470	ug/Kg	U
SEE08311348MHS1	8/31/2010	bis(2-chloroethyl)ether	470	ug/Kg	U
SEE10170915JDF1	10/17/2010	bis(2-chloroethyl)ether	460	ug/Kg	UJ



**TABLE B-2b**  
**Upstream Sediment Samples (Morrow Lake)**

Sample ID	Sample Date	Analyte	Result	Unit	Data Qualifier
SEE10071415ARM1	10/7/2010	bis(2-chloroethyl)ether	460	ug/Kg	U
SEE09291135JDF1	9/29/2010	bis(2-chloroethyl)ether	460	ug/Kg	UJ
SEE08261620RCM1	8/26/2010	bis(2-chloroethyl)ether	440	ug/kg	U
SEE10071151RCM1	10/7/2010	bis(2-chloroethyl)ether	430	ug/Kg	U
SEE08300920JRP1	8/30/2010	bis(2-chloroethyl)ether	410	ug/Kg	U
SEE10221450DWS1	10/22/2010	bis(2-chloroethyl)ether	390	ug/Kg	U
SEE09051500MHS1	9/5/2010	bis(2-chloroethyl)ether	380	ug/Kg	U
SEE10141025ARM1	10/14/2010	bis(2-chloroethyl)ether	370	ug/Kg	U
SEE08261420RCM1	8/26/2010	bis(2-chloroethyl)ether	370	ug/kg	U
SEE10211345JWP1	10/21/2010	bis(2-chloroethyl)ether	330	ug/Kg	U
SEE10091200ARM1	10/9/2010	bis(2-chloroethyl)ether	330	ug/Kg	UJ
SEE09130915JRP1	9/13/2010	bis(2-chloroethyl)ether	330	ug/Kg	U
SEE09061610JAW1	9/6/2010	bis(2-chloroethyl)ether	290	ug/Kg	U
SEE10051415ARM1	10/5/2010	bis(2-chloroethyl)ether	280	ug/Kg	U
SEE10171535ARM1	10/17/2010	bis(2-chloroethyl)ether	270	ug/Kg	UJ
SEE08261700JRP1	8/26/2010	bis(2-chloroethyl)ether	270	ug/Kg	U
SEE09100945RCM1	9/10/2010	bis(2-chloroethyl)ether	260	ug/Kg	U
SEE08301410JRP1	8/30/2010	bis(2-chloroethyl)ether	260	ug/Kg	U
SEE10011125ARM1	10/1/2010	bis(2-chloroethyl)ether	250	ug/Kg	U
SEE09211120ARM1	9/21/2010	bis(2-chloroethyl)ether	250	ug/Kg	U
SEE09201110ARM1	9/20/2010	bis(2-chloroethyl)ether	250	ug/Kg	U
SEE08281607TWH1	8/28/2010	bis(2-chloroethyl)ether	250	ug/kg	UJ
SEE08281630RCM1	8/28/2010	bis(2-chloroethyl)ether	250	ug/kg	UJ
SEF10221050MAE3	10/22/2010	bis(2-chloroethyl)ether	240	ug/Kg	U
SEF10191135NAC3	10/19/2010	bis(2-chloroethyl)ether	240	ug/Kg	U
SEE10081035ARM1	10/8/2010	bis(2-chloroethyl)ether	240	ug/Kg	U
SEE09171200ARM1	9/17/2010	bis(2-chloroethyl)ether	240	ug/Kg	U
SEF10011045TDF1	10/1/2010	bis(2-chloroethyl)ether	230	ug/Kg	U
SEE09290915MAE1	9/29/2010	bis(2-chloroethyl)ether	230	ug/Kg	UJ
SEE09271500ARM1	9/27/2010	bis(2-chloroethyl)ether	230	ug/Kg	U
SEE09231205RCM1	9/23/2010	bis(2-chloroethyl)ether	230	ug/Kg	U
SEE09200911RCM1	9/20/2010	bis(2-chloroethyl)ether	230	ug/Kg	U
SEE09140945JRP1	9/14/2010	bis(2-chloroethyl)ether	230	ug/Kg	U
SEF10081108TDF3	10/8/2010	bis(2-chloroethyl)ether	220	ug/Kg	U
SEE10071045ARM1	10/7/2010	bis(2-chloroethyl)ether	220	ug/Kg	U
SEE10041045ARM1	10/4/2010	bis(2-chloroethyl)ether	220	ug/Kg	U
SEE10011043RCM1	10/1/2010	bis(2-chloroethyl)ether	220	ug/Kg	U
SEE09281445RCM1	9/28/2010	bis(2-chloroethyl)ether	220	ug/Kg	U
SEE09251235ARM1	9/25/2010	bis(2-chloroethyl)ether	220	ug/Kg	U
SEE09231035ARM1	9/23/2010	bis(2-chloroethyl)ether	220	ug/Kg	U
SEE09170935RCM1	9/17/2010	bis(2-chloroethyl)ether	220	ug/Kg	U
SEE09150915JRP1	9/15/2010	bis(2-chloroethyl)ether	220	ug/Kg	U
SEE09070930JRP1	9/7/2010	bis(2-chloroethyl)ether	220	ug/Kg	U
SEB09011143JLS1	9/1/2010	bis(2-chloroethyl)ether	220	ug/Kg	U
SEE08301100JRP1	8/30/2010	bis(2-chloroethyl)ether	220	ug/Kg	U
SEE08281505PML1	8/28/2010	bis(2-chloroethyl)ether	220	ug/kg	UJ
SEE08271215PML1	8/27/2010	bis(2-chloroethyl)ether	220	ug/kg	U
SEE10191115JWP1	10/19/2010	bis(2-chloroethyl)ether	210	ug/Kg	U
SEF10151030PMB3	10/15/2010	bis(2-chloroethyl)ether	210	ug/Kg	U
SEF10121130PMB3	10/12/2010	bis(2-chloroethyl)ether	210	ug/Kg	U
SEE10061135ARM1	10/6/2010	bis(2-chloroethyl)ether	210	ug/Kg	U
SEF10051206TDF3	10/5/2010	bis(2-chloroethyl)ether	210	ug/Kg	U
SEE09100920JRP1	9/10/2010	bis(2-chloroethyl)ether	210	ug/Kg	U
SEE09051500JAW1	9/5/2010	bis(2-chloroethyl)ether	210	ug/Kg	U
SEE08271614TWH1	8/27/2010	bis(2-chloroethyl)ether	210	ug/kg	U
SEE10131035ARM1	10/13/2010	bis(2-chloroethyl)ether	200	ug/Kg	U
SEE10121040ARM1	10/12/2010	bis(2-chloroethyl)ether	200	ug/Kg	U
SEE10051145RCM1	10/5/2010	bis(2-chloroethyl)ether	200	ug/Kg	U
SEE09301025MAE1	9/30/2010	bis(2-chloroethyl)ether	200	ug/Kg	U
SEF09281139TDF1	9/28/2010	bis(2-chloroethyl)ether	200	ug/Kg	U

**TABLE B-2b**  
**Upstream Sediment Samples (Morrow Lake)**

Sample ID	Sample Date	Analyte	Result	Unit	Data Qualifier
SEE09221045ARM1	9/22/2010	bis(2-chloroethyl)ether	200	ug/Kg	U
SEE09080930JRP1	9/8/2010	bis(2-chloroethyl)ether	200	ug/Kg	U
SEE09011515JAW1	9/1/2010	bis(2-chloroethyl)ether	200	ug/Kg	U
SEE08271500PML1	8/27/2010	bis(2-chloroethyl)ether	200	ug/kg	U
SEE10181030JWP1	10/18/2010	bis(2-chloroethyl)ether	190	ug/Kg	U
SEE08291110PML1	8/29/2010	bis(2-chloroethyl)ether	180	ug/kg	U
SEE08281215PML1	8/28/2010	bis(2-chloroethyl)ether	170	ug/kg	U
SEE08281420TWH1	8/28/2010	bis(2-chloroethyl)ether	170	ug/kg	UJ
SEE08281510TWH1	8/28/2010	bis(2-chloroethyl)ether	160	ug/kg	UJ
SEE08291421KAP1	8/29/2010	bis(2-chloroethyl)ether	150	ug/kg	U
SEE08271652TWH1	8/27/2010	bis(2-chloroethyl)ether	150	ug/kg	U
SEE08291550KAP1	8/29/2010	bis(2-chloroethyl)ether	130	ug/kg	U
SEE08291354KAP1	8/29/2010	bis(2-chloroethyl)ether	100	ug/kg	U
SEE08291445PML1	8/29/2010	bis(2-chloroethyl)ether	83	ug/kg	U
SEE08271445JRP1	8/27/2010	bis(2-chloroethyl)ether	68	ug/kg	U
SEE08271536TWH1	8/27/2010	bis(2-chloroethyl)ether	67	ug/kg	U
SEB08281400JLS1	8/28/2010	bis(2-chloroethyl)ether	64	ug/kg	UJ
SEE08281540JRP1	8/28/2010	bis(2-chloroethyl)ether	63	ug/kg	U
ML-07-S-081810	8/18/2010	bis(2-chloroethyl)ether	0.37	mg/Kg	UJ
ML-06-S-082310	8/23/2010	bis(2-chloroethyl)ether	0.33	mg/Kg	U
ML-04-S-081710	8/17/2010	bis(2-chloroethyl)ether	0.32	mg/Kg	U
ML-04-S-082610	8/26/2010	bis(2-chloroethyl)ether	0.31	mg/Kg	U
ML-03-S-082310	8/23/2010	bis(2-chloroethyl)ether	0.31	mg/Kg	U
ML-10-S-081910	8/19/2010	bis(2-chloroethyl)ether	0.31	mg/Kg	U
ML-10-S-081910	8/19/2010	bis(2-chloroethyl)ether	0.31	mg/Kg	U
ML-09-S-081810	8/18/2010	bis(2-chloroethyl)ether	0.31	mg/Kg	UJ
ML-06-S-081710	8/17/2010	bis(2-chloroethyl)ether	0.31	mg/Kg	U
ML-10-S-082610	8/26/2010	bis(2-chloroethyl)ether	0.30	mg/Kg	U
ML-10-S-082610	8/26/2010	bis(2-chloroethyl)ether	0.30	mg/Kg	U
ML-05-S-082310	8/23/2010	bis(2-chloroethyl)ether	0.28	mg/Kg	U
ML-05-S-081710	8/17/2010	bis(2-chloroethyl)ether	0.26	mg/Kg	U
ML-02-S-082310	8/23/2010	bis(2-chloroethyl)ether	0.25	mg/Kg	U
ML-02-S-081710	8/17/2010	bis(2-chloroethyl)ether	0.24	mg/Kg	U
ML-06-S-082510	8/25/2010	bis(2-chloroethyl)ether	0.18	mg/Kg	U
ML-07-S-082410	8/24/2010	bis(2-chloroethyl)ether	0.18	mg/Kg	UJ
ML-07-S-082110	8/21/2010	bis(2-chloroethyl)ether	0.18	mg/Kg	U
ML-05-S-082610	8/26/2010	bis(2-chloroethyl)ether	0.17	mg/Kg	U
ML-07-S-082510	8/25/2010	bis(2-chloroethyl)ether	0.17	mg/Kg	U
ML-08-S-082110	8/21/2010	bis(2-chloroethyl)ether	0.17	mg/Kg	U
ML-07-S-081610	8/16/2010	bis(2-chloroethyl)ether	0.17	mg/Kg	U
ML-08-S-081610	8/16/2010	bis(2-chloroethyl)ether	0.17	mg/Kg	U
ML-08-S-082510	8/25/2010	bis(2-chloroethyl)ether	0.16	mg/Kg	U
ML-08-S-082410	8/24/2010	bis(2-chloroethyl)ether	0.16	mg/Kg	UJ
ML-06-S-082010	8/20/2010	bis(2-chloroethyl)ether	0.16	mg/Kg	U
ML-01-S-081610	8/16/2010	bis(2-chloroethyl)ether	0.16	mg/Kg	U
ML-01-S-082510	8/25/2010	bis(2-chloroethyl)ether	0.15	mg/Kg	U
ML-09-S-082510	8/25/2010	bis(2-chloroethyl)ether	0.15	mg/Kg	U
ML-04-S-082410	8/24/2010	bis(2-chloroethyl)ether	0.15	mg/Kg	UJ
ML-10-S-082410	8/24/2010	bis(2-chloroethyl)ether	0.15	mg/Kg	UJ
ML-10-S-082410	8/24/2010	bis(2-chloroethyl)ether	0.15	mg/Kg	UJ
ML-09-S-082110	8/21/2010	bis(2-chloroethyl)ether	0.15	mg/Kg	U
ML-10-S-082110	8/21/2010	bis(2-chloroethyl)ether	0.15	mg/Kg	U
ML-10-S-082110	8/21/2010	bis(2-chloroethyl)ether	0.15	mg/Kg	U
ML-05-S-082010	8/20/2010	bis(2-chloroethyl)ether	0.15	mg/Kg	U
ML-10-S-081610	8/16/2010	bis(2-chloroethyl)ether	0.15	mg/Kg	U
ML-10-S-081610	8/16/2010	bis(2-chloroethyl)ether	0.15	mg/Kg	U
ML-02-S-082510	8/25/2010	bis(2-chloroethyl)ether	0.14	mg/Kg	U
ML-09-S-082410	8/24/2010	bis(2-chloroethyl)ether	0.14	mg/Kg	UJ
ML-01-S-082110	8/21/2010	bis(2-chloroethyl)ether	0.14	mg/Kg	U
ML-03-S-082510	8/25/2010	bis(2-chloroethyl)ether	0.13	mg/Kg	U

**TABLE B-2b**  
**Upstream Sediment Samples (Morrow Lake)**

Sample ID	Sample Date	Analyte	Result	Unit	Data Qualifier
ML-02-S-082010	8/20/2010	bis(2-chloroethyl)ether	0.13	mg/Kg	U
ML-03-S-082010	8/20/2010	bis(2-chloroethyl)ether	0.13	mg/Kg	U
ML-04-S-082010	8/20/2010	bis(2-chloroethyl)ether	0.13	mg/Kg	U
ML-03-S-081610	8/16/2010	bis(2-chloroethyl)ether	0.12	mg/Kg	U
ML-01-S-081910	8/19/2010	bis(2-chloroethyl)ether	0.10	mg/Kg	J
SEE09051430PML1	9/5/2010	bis(2-chloroisopropyl)ether	3000	ug/Kg	U
SEE09011635PML1	9/1/2010	bis(2-chloroisopropyl)ether	3000	ug/Kg	U
SEE08271145RCM1	8/27/2010	bis(2-chloroisopropyl)ether	1600	ug/kg	U
SEE08261620RCM1	8/26/2010	bis(2-chloroisopropyl)ether	1400	ug/kg	U
SEE08261420RCM1	8/26/2010	bis(2-chloroisopropyl)ether	1200	ug/kg	U
SEE10211035JDF1	10/21/2010	bis(2-chloroisopropyl)ether	960	ug/Kg	UJ
SEE10051125PML1	10/5/2010	bis(2-chloroisopropyl)ether	930	ug/Kg	U
SEE09061500PML1	9/6/2010	bis(2-chloroisopropyl)ether	920	ug/Kg	U
SEE09021400PML1	9/2/2010	bis(2-chloroisopropyl)ether	920	ug/Kg	U
SEE09301105JDF1	9/30/2010	bis(2-chloroisopropyl)ether	910	ug/Kg	U
SEE08301130PML1	8/30/2010	bis(2-chloroisopropyl)ether	910	ug/Kg	U
SEE10191005JDF1	10/19/2010	bis(2-chloroisopropyl)ether	880	ug/Kg	U
SEE10171410JDF1	10/17/2010	bis(2-chloroisopropyl)ether	880	ug/Kg	U
SEE09181235PML1	9/18/2010	bis(2-chloroisopropyl)ether	880	ug/Kg	U
SEE09101022PML1	9/10/2010	bis(2-chloroisopropyl)ether	880	ug/Kg	UJ
SEE09011545PML1	9/1/2010	bis(2-chloroisopropyl)ether	870	ug/Kg	U
SEE10211430JDF1	10/21/2010	bis(2-chloroisopropyl)ether	860	ug/Kg	U
SEE09231645JDF1	9/23/2010	bis(2-chloroisopropyl)ether	860	ug/Kg	U
SEE09141135PML1	9/14/2010	bis(2-chloroisopropyl)ether	860	ug/Kg	U
SEE09091410RCM1	9/9/2010	bis(2-chloroisopropyl)ether	860	ug/Kg	U
SEE10081115PML1	10/8/2010	bis(2-chloroisopropyl)ether	850	ug/Kg	U
SEE09121105RCM1	9/12/2010	bis(2-chloroisopropyl)ether	850	ug/Kg	UJ
SEE09101215PML1	9/10/2010	bis(2-chloroisopropyl)ether	850	ug/Kg	UJ
SEE09081020RCM1	9/8/2010	bis(2-chloroisopropyl)ether	850	ug/Kg	U
SEE09031645MHS1	9/3/2010	bis(2-chloroisopropyl)ether	850	ug/Kg	U
SEE09011545MHS1	9/1/2010	bis(2-chloroisopropyl)ether	850	ug/Kg	U
SEE08311420PML1	8/31/2010	bis(2-chloroisopropyl)ether	850	ug/Kg	U
SEE08311420PML1	8/31/2010	bis(2-chloroisopropyl)ether	850	ug/Kg	U
SEE10131150JDF1	10/13/2010	bis(2-chloroisopropyl)ether	840	ug/Kg	U
SEE09301255JDF1	9/30/2010	bis(2-chloroisopropyl)ether	840	ug/Kg	U
SEE10221110JDF1	10/22/2010	bis(2-chloroisopropyl)ether	830	ug/Kg	U
SEE10221110JDF1	10/22/2010	bis(2-chloroisopropyl)ether	830	ug/Kg	U
SEE09030925PML1	9/3/2010	bis(2-chloroisopropyl)ether	830	ug/Kg	U
SEE08281607TWH1	8/28/2010	bis(2-chloroisopropyl)ether	830	ug/kg	UJ
SEE08281630RCM1	8/28/2010	bis(2-chloroisopropyl)ether	830	ug/kg	UJ
SEE10191515JDF1	10/19/2010	bis(2-chloroisopropyl)ether	820	ug/Kg	U
SEE10091401PML1	10/9/2010	bis(2-chloroisopropyl)ether	820	ug/Kg	U
SEE09051550MHS1	9/5/2010	bis(2-chloroisopropyl)ether	820	ug/Kg	U
SEE09291023RCM1	9/29/2010	bis(2-chloroisopropyl)ether	810	ug/Kg	U
SEE09121436RCM1	9/12/2010	bis(2-chloroisopropyl)ether	810	ug/Kg	UJ
SEE09021010PML1	9/2/2010	bis(2-chloroisopropyl)ether	810	ug/Kg	U
SEE10041530JDF1	10/4/2010	bis(2-chloroisopropyl)ether	800	ug/Kg	U
SEE09101625PML1	9/10/2010	bis(2-chloroisopropyl)ether	800	ug/Kg	UJ
SEE09061525MHS1	9/6/2010	bis(2-chloroisopropyl)ether	800	ug/Kg	U
SEE09031100PML1	9/3/2010	bis(2-chloroisopropyl)ether	800	ug/Kg	U
SEE08301638MHS1	8/30/2010	bis(2-chloroisopropyl)ether	800	ug/Kg	U
SEE10191415JDF1	10/19/2010	bis(2-chloroisopropyl)ether	790	ug/Kg	U
SEE10181035JDF1	10/18/2010	bis(2-chloroisopropyl)ether	790	ug/Kg	U
SEE10091614PML1	10/9/2010	bis(2-chloroisopropyl)ether	790	ug/Kg	U
SEE10051653PML1	10/5/2010	bis(2-chloroisopropyl)ether	790	ug/Kg	U
SEE09231210JDF1	9/23/2010	bis(2-chloroisopropyl)ether	790	ug/Kg	U
SEE09141515PML1	9/14/2010	bis(2-chloroisopropyl)ether	790	ug/Kg	U
SEE09131026RCM1	9/13/2010	bis(2-chloroisopropyl)ether	790	ug/Kg	U
SEE09051130PML1	9/5/2010	bis(2-chloroisopropyl)ether	790	ug/Kg	U
SEE08301550PML1	8/30/2010	bis(2-chloroisopropyl)ether	790	ug/Kg	U

**TABLE B-2b**  
**Upstream Sediment Samples (Morrow Lake)**

Sample ID	Sample Date	Analyte	Result	Unit	Data Qualifier
SEE10191155JDF1	10/19/2010	bis(2-chloroisopropyl)ether	780	ug/Kg	U
SEE10171115JDF1	10/17/2010	bis(2-chloroisopropyl)ether	780	ug/Kg	U
SEE10141015JDF1	10/14/2010	bis(2-chloroisopropyl)ether	780	ug/Kg	UJ
SEE09220935RCM1	9/22/2010	bis(2-chloroisopropyl)ether	780	ug/Kg	U
SEE09191445RCM1	9/19/2010	bis(2-chloroisopropyl)ether	780	ug/Kg	U
SEE09161045PML1	9/16/2010	bis(2-chloroisopropyl)ether	780	ug/Kg	U
SEE09071050PML1	9/7/2010	bis(2-chloroisopropyl)ether	780	ug/Kg	U
SEE10211010JWP1	10/21/2010	bis(2-chloroisopropyl)ether	770	ug/Kg	U
SEE10181510JDF1	10/18/2010	bis(2-chloroisopropyl)ether	770	ug/Kg	U
SEE10181510JDF1	10/18/2010	bis(2-chloroisopropyl)ether	770	ug/Kg	U
SEE10061205PML1	10/6/2010	bis(2-chloroisopropyl)ether	770	ug/Kg	U
SEE10031115JDF1	10/3/2010	bis(2-chloroisopropyl)ether	770	ug/Kg	U
SEE10031115JDF1	10/3/2010	bis(2-chloroisopropyl)ether	770	ug/Kg	U
SEE09171415PML1	9/17/2010	bis(2-chloroisopropyl)ether	770	ug/Kg	U
SEE09140945PML1	9/14/2010	bis(2-chloroisopropyl)ether	770	ug/Kg	U
SEE09131445RCM1	9/13/2010	bis(2-chloroisopropyl)ether	770	ug/Kg	U
SEE09131505PML1	9/13/2010	bis(2-chloroisopropyl)ether	770	ug/Kg	U
SEE08301145MHS1	8/30/2010	bis(2-chloroisopropyl)ether	770	ug/Kg	U
SEE10141555ARM1	10/14/2010	bis(2-chloroisopropyl)ether	760	ug/Kg	UJ
SEE10101215PML1	10/10/2010	bis(2-chloroisopropyl)ether	760	ug/Kg	U
SEE10101215PML1	10/10/2010	bis(2-chloroisopropyl)ether	760	ug/Kg	U
SEE09170839RCM1	9/17/2010	bis(2-chloroisopropyl)ether	760	ug/Kg	U
SEE09081205PML1	9/8/2010	bis(2-chloroisopropyl)ether	760	ug/Kg	U
SEE09031140MHS1	9/3/2010	bis(2-chloroisopropyl)ether	760	ug/Kg	U
SEE10061051RCM1	10/6/2010	bis(2-chloroisopropyl)ether	750	ug/Kg	U
SEE10041138RCM1	10/4/2010	bis(2-chloroisopropyl)ether	750	ug/Kg	U
SEE09251135JDF1	9/25/2010	bis(2-chloroisopropyl)ether	750	ug/Kg	U
SEE09200945PML1	9/20/2010	bis(2-chloroisopropyl)ether	750	ug/Kg	U
SEE09200945PML1	9/20/2010	bis(2-chloroisopropyl)ether	750	ug/Kg	U
SEE09191040PML1	9/19/2010	bis(2-chloroisopropyl)ether	750	ug/Kg	U
SEE09181705PML1	9/18/2010	bis(2-chloroisopropyl)ether	750	ug/Kg	U
SEE09091005RCM1	9/9/2010	bis(2-chloroisopropyl)ether	750	ug/Kg	U
SEE09061105PML1	9/6/2010	bis(2-chloroisopropyl)ether	750	ug/Kg	U
SEE09031650PML1	9/3/2010	bis(2-chloroisopropyl)ether	750	ug/Kg	U
SEE09031650PML1	9/3/2010	bis(2-chloroisopropyl)ether	750	ug/Kg	U
SEE10191100JDF1	10/19/2010	bis(2-chloroisopropyl)ether	740	ug/Kg	U
SEE10141150JDF1	10/14/2010	bis(2-chloroisopropyl)ether	740	ug/Kg	UJ
SEE10101010PML1	10/10/2010	bis(2-chloroisopropyl)ether	740	ug/Kg	U
SEE10081051RCM1	10/8/2010	bis(2-chloroisopropyl)ether	740	ug/Kg	U
SEE09261625JDF1	9/26/2010	bis(2-chloroisopropyl)ether	740	ug/Kg	U
SEE09261625JDF1	9/26/2010	bis(2-chloroisopropyl)ether	740	ug/Kg	U
SEE09191530PML1	9/19/2010	bis(2-chloroisopropyl)ether	740	ug/Kg	U
SEE09151145PML1	9/15/2010	bis(2-chloroisopropyl)ether	740	ug/Kg	U
SEE09151145PML1	9/15/2010	bis(2-chloroisopropyl)ether	740	ug/Kg	U
SEE09121055PML1	9/12/2010	bis(2-chloroisopropyl)ether	740	ug/Kg	UJ
SEE09121055PML1	9/12/2010	bis(2-chloroisopropyl)ether	740	ug/Kg	UJ
SEE09091515PML1	9/9/2010	bis(2-chloroisopropyl)ether	740	ug/Kg	U
SEE09081010PML1	9/8/2010	bis(2-chloroisopropyl)ether	740	ug/Kg	U
SEE08311045PML1	8/31/2010	bis(2-chloroisopropyl)ether	740	ug/Kg	U
SEE10161530JDF1	10/16/2010	bis(2-chloroisopropyl)ether	730	ug/Kg	U
SEE10141550JDF1	10/14/2010	bis(2-chloroisopropyl)ether	730	ug/Kg	UJ
SEE10141550JDF1	10/14/2010	bis(2-chloroisopropyl)ether	730	ug/Kg	UJ
SEE10121155JDF1	10/12/2010	bis(2-chloroisopropyl)ether	730	ug/Kg	U
SEE10011120JDF1	10/1/2010	bis(2-chloroisopropyl)ether	730	ug/Kg	UJ
SEE09260930RCM1	9/26/2010	bis(2-chloroisopropyl)ether	730	ug/Kg	U
SEE09230955RCM1	9/23/2010	bis(2-chloroisopropyl)ether	730	ug/Kg	U
SEE09151015PML1	9/15/2010	bis(2-chloroisopropyl)ether	730	ug/Kg	U
SEE09111015PML1	9/11/2010	bis(2-chloroisopropyl)ether	730	ug/Kg	UJ
SEE08281505PML1	8/28/2010	bis(2-chloroisopropyl)ether	730	ug/kg	UJ
SEE10181210JDF1	10/18/2010	bis(2-chloroisopropyl)ether	720	ug/Kg	U

**TABLE B-2b**  
**Upstream Sediment Samples (Morrow Lake)**

Sample ID	Sample Date	Analyte	Result	Unit	Data Qualifier
SEE10150945JDF1	10/15/2010	bis(2-chloroisopropyl)ether	720	ug/Kg	U
SEE10120930JDF1	10/12/2010	bis(2-chloroisopropyl)ether	720	ug/Kg	U
SEE10081231PML1	10/8/2010	bis(2-chloroisopropyl)ether	720	ug/Kg	U
SEE10071042RCM1	10/7/2010	bis(2-chloroisopropyl)ether	720	ug/Kg	U
SEE10071101PML1	10/7/2010	bis(2-chloroisopropyl)ether	720	ug/Kg	U
SEE09261215JDF1	9/26/2010	bis(2-chloroisopropyl)ether	720	ug/Kg	U
SEE09011050PML1	9/1/2010	bis(2-chloroisopropyl)ether	720	ug/Kg	U
SEE08271215PML1	8/27/2010	bis(2-chloroisopropyl)ether	720	ug/kg	U
SEE10221055DWS1	10/22/2010	bis(2-chloroisopropyl)ether	710	ug/Kg	U
SEE09221440JDF1	9/22/2010	bis(2-chloroisopropyl)ether	710	ug/Kg	U
SEE09040950PML1	9/4/2010	bis(2-chloroisopropyl)ether	710	ug/Kg	U
SEE10181430JWP1	10/18/2010	bis(2-chloroisopropyl)ether	700	ug/Kg	U
SEE10161115ARM1	10/16/2010	bis(2-chloroisopropyl)ether	700	ug/Kg	U
SEE10061640PML1	10/6/2010	bis(2-chloroisopropyl)ether	700	ug/Kg	U
SEE10061640PML1	10/6/2010	bis(2-chloroisopropyl)ether	700	ug/Kg	U
SEE09301205RCM1	9/30/2010	bis(2-chloroisopropyl)ether	700	ug/Kg	U
SEE09211155JDF1	9/21/2010	bis(2-chloroisopropyl)ether	700	ug/Kg	U
SEE09201115RCM1	9/20/2010	bis(2-chloroisopropyl)ether	700	ug/Kg	U
SEE09171445RCM1	9/17/2010	bis(2-chloroisopropyl)ether	700	ug/Kg	U
SEE09161035RCM1	9/16/2010	bis(2-chloroisopropyl)ether	700	ug/Kg	U
SEE10191010JWP1	10/19/2010	bis(2-chloroisopropyl)ether	690	ug/Kg	U
SEE10041150JDF1	10/4/2010	bis(2-chloroisopropyl)ether	690	ug/Kg	U
SEE09121450PML1	9/12/2010	bis(2-chloroisopropyl)ether	690	ug/Kg	UJ
SEE08301520JRP1	8/30/2010	bis(2-chloroisopropyl)ether	690	ug/Kg	U
SEE08271614TWH1	8/27/2010	bis(2-chloroisopropyl)ether	690	ug/kg	U
SEE10111125JDF1	10/11/2010	bis(2-chloroisopropyl)ether	680	ug/Kg	U
SEE09271130JDF1	9/27/2010	bis(2-chloroisopropyl)ether	680	ug/Kg	U
SEE09131620PML1	9/13/2010	bis(2-chloroisopropyl)ether	680	ug/Kg	U
SEE09061130MHS1	9/6/2010	bis(2-chloroisopropyl)ether	680	ug/Kg	U
SEE08261445JRP1	8/26/2010	bis(2-chloroisopropyl)ether	680	ug/Kg	U
SEE10031425JDF1	10/3/2010	bis(2-chloroisopropyl)ether	670	ug/Kg	U
SEE09291035JDF1	9/29/2010	bis(2-chloroisopropyl)ether	670	ug/Kg	U
SEE09250905RCM1	9/25/2010	bis(2-chloroisopropyl)ether	670	ug/Kg	U
SEE09211530JDF1	9/21/2010	bis(2-chloroisopropyl)ether	670	ug/Kg	U
SEE09131125PML1	9/13/2010	bis(2-chloroisopropyl)ether	670	ug/Kg	U
SEE09091605PML1	9/9/2010	bis(2-chloroisopropyl)ether	670	ug/Kg	U
SEE09041350PML1	9/4/2010	bis(2-chloroisopropyl)ether	670	ug/Kg	U
SEE09011255PML1	9/1/2010	bis(2-chloroisopropyl)ether	670	ug/Kg	U
SEE09170945PML1	9/17/2010	bis(2-chloroisopropyl)ether	660	ug/Kg	U
SEE09091145PML1	9/9/2010	bis(2-chloroisopropyl)ether	660	ug/Kg	U
SEE08301445JRP1	8/30/2010	bis(2-chloroisopropyl)ether	660	ug/Kg	U
SEE08271500PML1	8/27/2010	bis(2-chloroisopropyl)ether	660	ug/kg	U
SEE09091410PML1	9/9/2010	bis(2-chloroisopropyl)ether	650	ug/Kg	U
SEE09171125PML1	9/17/2010	bis(2-chloroisopropyl)ether	640	ug/Kg	U
SEE09051015PML1	9/5/2010	bis(2-chloroisopropyl)ether	640	ug/Kg	U
SEE10161415JDF1	10/16/2010	bis(2-chloroisopropyl)ether	630	ug/Kg	U
SEE10111011JDF1	10/11/2010	bis(2-chloroisopropyl)ether	630	ug/Kg	U
SEE09130940PML1	9/13/2010	bis(2-chloroisopropyl)ether	630	ug/Kg	U
SEE08301015JRP1	8/30/2010	bis(2-chloroisopropyl)ether	630	ug/Kg	U
SEE10121415ARM1	10/12/2010	bis(2-chloroisopropyl)ether	620	ug/Kg	U
SEE10071540PML1	10/7/2010	bis(2-chloroisopropyl)ether	620	ug/Kg	U
SEE09031115JAW1	9/3/2010	bis(2-chloroisopropyl)ether	620	ug/Kg	U
SEE08301530JAW1	8/30/2010	bis(2-chloroisopropyl)ether	620	ug/Kg	U
SEE10161055JDF1	10/16/2010	bis(2-chloroisopropyl)ether	610	ug/Kg	U
SEE10071205PML1	10/7/2010	bis(2-chloroisopropyl)ether	610	ug/Kg	U
SEE09271515JDF1	9/27/2010	bis(2-chloroisopropyl)ether	610	ug/Kg	U
SEE09211112RCM1	9/21/2010	bis(2-chloroisopropyl)ether	610	ug/Kg	U
SEE09201645ARM1	9/20/2010	bis(2-chloroisopropyl)ether	610	ug/Kg	U
SEE09171530PML1	9/17/2010	bis(2-chloroisopropyl)ether	610	ug/Kg	U
SEE09091010PML1	9/9/2010	bis(2-chloroisopropyl)ether	610	ug/Kg	U

**TABLE B-2b**  
**Upstream Sediment Samples (Morrow Lake)**

Sample ID	Sample Date	Analyte	Result	Unit	Data Qualifier
SEE09091025JRP1	9/9/2010	bis(2-chloroisopropyl)ether	610	ug/Kg	U
SEE10111350JDF1	10/11/2010	bis(2-chloroisopropyl)ether	600	ug/Kg	U
SEE09290925JDF1	9/29/2010	bis(2-chloroisopropyl)ether	600	ug/Kg	U
SEE09221105JDF1	9/22/2010	bis(2-chloroisopropyl)ether	600	ug/Kg	U
SEE09221615JDF1	9/22/2010	bis(2-chloroisopropyl)ether	600	ug/Kg	U
SEE10151055ARM1	10/15/2010	bis(2-chloroisopropyl)ether	590	ug/Kg	U
SEE09301255MAE1	9/30/2010	bis(2-chloroisopropyl)ether	590	ug/Kg	U
SEE09011145PML1	9/1/2010	bis(2-chloroisopropyl)ether	590	ug/Kg	U
SEE08291110PML1	8/29/2010	bis(2-chloroisopropyl)ether	590	ug/kg	U
SEE10041050JDF1	10/4/2010	bis(2-chloroisopropyl)ether	580	ug/Kg	U
SEE09231130ARM1	9/23/2010	bis(2-chloroisopropyl)ether	580	ug/Kg	U
SEE10121030JDF1	10/12/2010	bis(2-chloroisopropyl)ether	570	ug/Kg	U
SEE10041335JDF1	10/4/2010	bis(2-chloroisopropyl)ether	570	ug/Kg	U
SEE09271025ARM1	9/27/2010	bis(2-chloroisopropyl)ether	570	ug/Kg	U
SEE08281215PML1	8/28/2010	bis(2-chloroisopropyl)ether	570	ug/kg	U
SEE08281420TWH1	8/28/2010	bis(2-chloroisopropyl)ether	570	ug/kg	UJ
SEE10040945JDF1	10/4/2010	bis(2-chloroisopropyl)ether	560	ug/Kg	U
SEE09130955JRP1	9/13/2010	bis(2-chloroisopropyl)ether	560	ug/Kg	U
SEE09291645JDF1	9/29/2010	bis(2-chloroisopropyl)ether	550	ug/Kg	U
SEE08281510TWH1	8/28/2010	bis(2-chloroisopropyl)ether	540	ug/kg	UJ
SEE09141312RCM1	9/14/2010	bis(2-chloroisopropyl)ether	530	ug/Kg	U
SEE08291421KAP1	8/29/2010	bis(2-chloroisopropyl)ether	510	ug/kg	U
SEE08271652TWH1	8/27/2010	bis(2-chloroisopropyl)ether	500	ug/kg	U
SEE10151355ARM1	10/15/2010	bis(2-chloroisopropyl)ether	480	ug/Kg	U
SEE10041355ARM1	10/4/2010	bis(2-chloroisopropyl)ether	480	ug/Kg	U
SEE09090900JRP1	9/9/2010	bis(2-chloroisopropyl)ether	470	ug/Kg	U
SEE08311010JRP1	8/31/2010	bis(2-chloroisopropyl)ether	470	ug/Kg	U
SEE08311348MHS1	8/31/2010	bis(2-chloroisopropyl)ether	470	ug/Kg	U
SEE10170915JDF1	10/17/2010	bis(2-chloroisopropyl)ether	460	ug/Kg	U
SEE10071415ARM1	10/7/2010	bis(2-chloroisopropyl)ether	460	ug/Kg	U
SEE09291135JDF1	9/29/2010	bis(2-chloroisopropyl)ether	460	ug/Kg	U
SEE10071151RCM1	10/7/2010	bis(2-chloroisopropyl)ether	430	ug/Kg	U
SEE08300920JRP1	8/30/2010	bis(2-chloroisopropyl)ether	410	ug/Kg	U
SEE08291550KAP1	8/29/2010	bis(2-chloroisopropyl)ether	410	ug/kg	U
SEE10221450DWS1	10/22/2010	bis(2-chloroisopropyl)ether	390	ug/Kg	U
SEE09051500MHS1	9/5/2010	bis(2-chloroisopropyl)ether	380	ug/Kg	U
SEE10141025ARM1	10/14/2010	bis(2-chloroisopropyl)ether	370	ug/Kg	UJ
SEE10211345JWP1	10/21/2010	bis(2-chloroisopropyl)ether	330	ug/Kg	U
SEE10091200ARM1	10/9/2010	bis(2-chloroisopropyl)ether	330	ug/Kg	U
SEE09130915JRP1	9/13/2010	bis(2-chloroisopropyl)ether	330	ug/Kg	U
SEE08291354KAP1	8/29/2010	bis(2-chloroisopropyl)ether	330	ug/kg	U
SEE09061610JAW1	9/6/2010	bis(2-chloroisopropyl)ether	290	ug/Kg	U
SEE10051415ARM1	10/5/2010	bis(2-chloroisopropyl)ether	280	ug/Kg	U
SEE10171535ARM1	10/17/2010	bis(2-chloroisopropyl)ether	270	ug/Kg	U
SEE08291445PML1	8/29/2010	bis(2-chloroisopropyl)ether	270	ug/kg	U
SEE08261700JRP1	8/26/2010	bis(2-chloroisopropyl)ether	270	ug/Kg	U
SEE09100945RCM1	9/10/2010	bis(2-chloroisopropyl)ether	260	ug/Kg	UJ
SEE08301410JRP1	8/30/2010	bis(2-chloroisopropyl)ether	260	ug/Kg	U
SEE10011125ARM1	10/1/2010	bis(2-chloroisopropyl)ether	250	ug/Kg	UJ
SEE09211120ARM1	9/21/2010	bis(2-chloroisopropyl)ether	250	ug/Kg	U
SEE09201110ARM1	9/20/2010	bis(2-chloroisopropyl)ether	250	ug/Kg	U
SEF10221050MAE3	10/22/2010	bis(2-chloroisopropyl)ether	240	ug/Kg	U
SEF10191135NAC3	10/19/2010	bis(2-chloroisopropyl)ether	240	ug/Kg	U
SEE10081035ARM1	10/8/2010	bis(2-chloroisopropyl)ether	240	ug/Kg	U
SEE09171200ARM1	9/17/2010	bis(2-chloroisopropyl)ether	240	ug/Kg	U
SEF10011045TDF1	10/1/2010	bis(2-chloroisopropyl)ether	230	ug/Kg	UJ
SEE09290915MAE1	9/29/2010	bis(2-chloroisopropyl)ether	230	ug/Kg	U
SEE09271500ARM1	9/27/2010	bis(2-chloroisopropyl)ether	230	ug/Kg	U
SEE09231205RCM1	9/23/2010	bis(2-chloroisopropyl)ether	230	ug/Kg	U
SEE09200911RCM1	9/20/2010	bis(2-chloroisopropyl)ether	230	ug/Kg	U

**TABLE B-2b**  
**Upstream Sediment Samples (Morrow Lake)**

Sample ID	Sample Date	Analyte	Result	Unit	Data Qualifier
SEE09140945JRP1	9/14/2010	bis(2-chloroisopropyl)ether	230	ug/Kg	U
SEE08271445JRP1	8/27/2010	bis(2-chloroisopropyl)ether	230	ug/kg	U
SEF10081108TDF3	10/8/2010	bis(2-chloroisopropyl)ether	220	ug/Kg	U
SEE10071045ARM1	10/7/2010	bis(2-chloroisopropyl)ether	220	ug/Kg	U
SEE10041045ARM1	10/4/2010	bis(2-chloroisopropyl)ether	220	ug/Kg	U
SEE10011043RCM1	10/1/2010	bis(2-chloroisopropyl)ether	220	ug/Kg	UJ
SEE09281445RCM1	9/28/2010	bis(2-chloroisopropyl)ether	220	ug/Kg	U
SEE09251235ARM1	9/25/2010	bis(2-chloroisopropyl)ether	220	ug/Kg	U
SEE09231035ARM1	9/23/2010	bis(2-chloroisopropyl)ether	220	ug/Kg	U
SEE09170935RCM1	9/17/2010	bis(2-chloroisopropyl)ether	220	ug/Kg	U
SEE09150915JRP1	9/15/2010	bis(2-chloroisopropyl)ether	220	ug/Kg	U
SEE09070930JRP1	9/7/2010	bis(2-chloroisopropyl)ether	220	ug/Kg	U
SEB09011143JLS1	9/1/2010	bis(2-chloroisopropyl)ether	220	ug/Kg	U
SEE08301100JRP1	8/30/2010	bis(2-chloroisopropyl)ether	220	ug/Kg	U
SEE08271536TWH1	8/27/2010	bis(2-chloroisopropyl)ether	220	ug/kg	U
SEE10191115JWP1	10/19/2010	bis(2-chloroisopropyl)ether	210	ug/Kg	U
SEF10151030PMB3	10/15/2010	bis(2-chloroisopropyl)ether	210	ug/Kg	U
SEF10121130PMB3	10/12/2010	bis(2-chloroisopropyl)ether	210	ug/Kg	U
SEE10061135ARM1	10/6/2010	bis(2-chloroisopropyl)ether	210	ug/Kg	U
SEF10051206TDF3	10/5/2010	bis(2-chloroisopropyl)ether	210	ug/Kg	U
SEE09100920JRP1	9/10/2010	bis(2-chloroisopropyl)ether	210	ug/Kg	UJ
SEE09051500JAW1	9/5/2010	bis(2-chloroisopropyl)ether	210	ug/Kg	U
SEB08281400JLS1	8/28/2010	bis(2-chloroisopropyl)ether	210	ug/kg	UJ
SEE08281540JRP1	8/28/2010	bis(2-chloroisopropyl)ether	210	ug/kg	U
SEE10131035ARM1	10/13/2010	bis(2-chloroisopropyl)ether	200	ug/Kg	U
SEE10121040ARM1	10/12/2010	bis(2-chloroisopropyl)ether	200	ug/Kg	U
SEE10051145RCM1	10/5/2010	bis(2-chloroisopropyl)ether	200	ug/Kg	U
SEE09301025MAE1	9/30/2010	bis(2-chloroisopropyl)ether	200	ug/Kg	U
SEF09281139TDF1	9/28/2010	bis(2-chloroisopropyl)ether	200	ug/Kg	U
SEE09221045ARM1	9/22/2010	bis(2-chloroisopropyl)ether	200	ug/Kg	U
SEE09080930JRP1	9/8/2010	bis(2-chloroisopropyl)ether	200	ug/Kg	U
SEE09011515JAW1	9/1/2010	bis(2-chloroisopropyl)ether	200	ug/Kg	U
SEE10181030JWP1	10/18/2010	bis(2-chloroisopropyl)ether	190	ug/Kg	U
ML-07-S-081810	8/18/2010	bis(2-chloroisopropyl)ether	0.37	mg/Kg	UJ
ML-06-S-082310	8/23/2010	bis(2-chloroisopropyl)ether	0.33	mg/Kg	U
ML-04-S-081710	8/17/2010	bis(2-chloroisopropyl)ether	0.32	mg/Kg	U
ML-04-S-082610	8/26/2010	bis(2-chloroisopropyl)ether	0.31	mg/Kg	U
ML-03-S-082310	8/23/2010	bis(2-chloroisopropyl)ether	0.31	mg/Kg	U
ML-10-S-081910	8/19/2010	bis(2-chloroisopropyl)ether	0.31	mg/Kg	U
ML-10-S-081910	8/19/2010	bis(2-chloroisopropyl)ether	0.31	mg/Kg	U
ML-09-S-081810	8/18/2010	bis(2-chloroisopropyl)ether	0.31	mg/Kg	UJ
ML-06-S-081710	8/17/2010	bis(2-chloroisopropyl)ether	0.31	mg/Kg	U
ML-10-S-082610	8/26/2010	bis(2-chloroisopropyl)ether	0.30	mg/Kg	U
ML-10-S-082610	8/26/2010	bis(2-chloroisopropyl)ether	0.30	mg/Kg	U
ML-05-S-082310	8/23/2010	bis(2-chloroisopropyl)ether	0.28	mg/Kg	U
ML-01-S-081910	8/19/2010	bis(2-chloroisopropyl)ether	0.27	mg/Kg	U
ML-05-S-081710	8/17/2010	bis(2-chloroisopropyl)ether	0.26	mg/Kg	U
ML-02-S-082310	8/23/2010	bis(2-chloroisopropyl)ether	0.25	mg/Kg	U
ML-02-S-081710	8/17/2010	bis(2-chloroisopropyl)ether	0.24	mg/Kg	U
ML-06-S-082510	8/25/2010	bis(2-chloroisopropyl)ether	0.18	mg/Kg	U
ML-07-S-082410	8/24/2010	bis(2-chloroisopropyl)ether	0.18	mg/Kg	UJ
ML-07-S-082110	8/21/2010	bis(2-chloroisopropyl)ether	0.18	mg/Kg	U
ML-05-S-082610	8/26/2010	bis(2-chloroisopropyl)ether	0.17	mg/Kg	U
ML-07-S-082510	8/25/2010	bis(2-chloroisopropyl)ether	0.17	mg/Kg	U
ML-08-S-082110	8/21/2010	bis(2-chloroisopropyl)ether	0.17	mg/Kg	U
ML-07-S-081610	8/16/2010	bis(2-chloroisopropyl)ether	0.17	mg/Kg	U
ML-08-S-081610	8/16/2010	bis(2-chloroisopropyl)ether	0.17	mg/Kg	U
ML-08-S-082510	8/25/2010	bis(2-chloroisopropyl)ether	0.16	mg/Kg	U
ML-08-S-082410	8/24/2010	bis(2-chloroisopropyl)ether	0.16	mg/Kg	UJ
ML-06-S-082010	8/20/2010	bis(2-chloroisopropyl)ether	0.16	mg/Kg	U

**TABLE B-2b**  
**Upstream Sediment Samples (Morrow Lake)**

Sample ID	Sample Date	Analyte	Result	Unit	Data Qualifier
ML-01-S-081610	8/16/2010	bis(2-chloroisopropyl)ether	0.16	mg/Kg	U
ML-01-S-082510	8/25/2010	bis(2-chloroisopropyl)ether	0.15	mg/Kg	U
ML-09-S-082510	8/25/2010	bis(2-chloroisopropyl)ether	0.15	mg/Kg	U
ML-04-S-082410	8/24/2010	bis(2-chloroisopropyl)ether	0.15	mg/Kg	UJ
ML-10-S-082410	8/24/2010	bis(2-chloroisopropyl)ether	0.15	mg/Kg	UJ
ML-10-S-082410	8/24/2010	bis(2-chloroisopropyl)ether	0.15	mg/Kg	UJ
ML-09-S-082110	8/21/2010	bis(2-chloroisopropyl)ether	0.15	mg/Kg	U
ML-10-S-082110	8/21/2010	bis(2-chloroisopropyl)ether	0.15	mg/Kg	U
ML-10-S-082110	8/21/2010	bis(2-chloroisopropyl)ether	0.15	mg/Kg	U
ML-05-S-082010	8/20/2010	bis(2-chloroisopropyl)ether	0.15	mg/Kg	U
ML-10-S-081610	8/16/2010	bis(2-chloroisopropyl)ether	0.15	mg/Kg	U
ML-10-S-081610	8/16/2010	bis(2-chloroisopropyl)ether	0.15	mg/Kg	U
ML-02-S-082510	8/25/2010	bis(2-chloroisopropyl)ether	0.14	mg/Kg	U
ML-09-S-082410	8/24/2010	bis(2-chloroisopropyl)ether	0.14	mg/Kg	UJ
ML-01-S-082110	8/21/2010	bis(2-chloroisopropyl)ether	0.14	mg/Kg	U
ML-03-S-082510	8/25/2010	bis(2-chloroisopropyl)ether	0.13	mg/Kg	U
ML-02-S-082010	8/20/2010	bis(2-chloroisopropyl)ether	0.13	mg/Kg	U
ML-03-S-082010	8/20/2010	bis(2-chloroisopropyl)ether	0.13	mg/Kg	U
ML-04-S-082010	8/20/2010	bis(2-chloroisopropyl)ether	0.13	mg/Kg	U
ML-03-S-081610	8/16/2010	bis(2-chloroisopropyl)ether	0.12	mg/Kg	U
SEE09051430PML1	9/5/2010	bis(2-ethylhexyl)phthalate	3000	ug/Kg	U
SEE09011635PML1	9/1/2010	bis(2-ethylhexyl)phthalate	3000	ug/Kg	U
SEE10211035JDF1	10/21/2010	bis(2-ethylhexyl)phthalate	2000	ug/Kg	UJ
SEE10191005JDF1	10/19/2010	bis(2-ethylhexyl)phthalate	1800	ug/Kg	U
SEE10211010JWP1	10/21/2010	bis(2-ethylhexyl)phthalate	1600	ug/Kg	U
SEE10221055DWS1	10/22/2010	bis(2-ethylhexyl)phthalate	1500	ug/Kg	U
SEE10121415ARM1	10/12/2010	bis(2-ethylhexyl)phthalate	1500	ug/Kg	
SEE10191010JWP1	10/19/2010	bis(2-ethylhexyl)phthalate	1400	ug/Kg	U
SEE10151055ARM1	10/15/2010	bis(2-ethylhexyl)phthalate	1100	ug/Kg	
SEE10181430JWP1	10/18/2010	bis(2-ethylhexyl)phthalate	1000	ug/Kg	
SEE08301015JRP1	8/30/2010	bis(2-ethylhexyl)phthalate	960	ug/Kg	
SEE10051125PML1	10/5/2010	bis(2-ethylhexyl)phthalate	930	ug/Kg	U
SEE09061500PML1	9/6/2010	bis(2-ethylhexyl)phthalate	920	ug/Kg	U
SEE09021400PML1	9/2/2010	bis(2-ethylhexyl)phthalate	920	ug/Kg	U
SEE08301130PML1	8/30/2010	bis(2-ethylhexyl)phthalate	910	ug/Kg	U
SEE10171410JDF1	10/17/2010	bis(2-ethylhexyl)phthalate	880	ug/Kg	U
SEE09011545PML1	9/1/2010	bis(2-ethylhexyl)phthalate	870	ug/Kg	U
SEE09231645JDF1	9/23/2010	bis(2-ethylhexyl)phthalate	860	ug/Kg	U
SEE09141135PML1	9/14/2010	bis(2-ethylhexyl)phthalate	860	ug/Kg	U
SEE09091410RCM1	9/9/2010	bis(2-ethylhexyl)phthalate	860	ug/Kg	U
SEE10081115PML1	10/8/2010	bis(2-ethylhexyl)phthalate	850	ug/Kg	U
SEE09081020RCM1	9/8/2010	bis(2-ethylhexyl)phthalate	850	ug/Kg	U
SEE09031645MHS1	9/3/2010	bis(2-ethylhexyl)phthalate	850	ug/Kg	U
SEE09011545MHS1	9/1/2010	bis(2-ethylhexyl)phthalate	850	ug/Kg	U
SEE08311420PML1	8/31/2010	bis(2-ethylhexyl)phthalate	850	ug/Kg	U
SEE08311420PML1	8/31/2010	bis(2-ethylhexyl)phthalate	850	ug/Kg	U
SEE10131150JDF1	10/13/2010	bis(2-ethylhexyl)phthalate	840	ug/Kg	U
SEE09121055PML1	9/12/2010	bis(2-ethylhexyl)phthalate	840	ug/Kg	J
SEE09121055PML1	9/12/2010	bis(2-ethylhexyl)phthalate	840	ug/Kg	J
SEE09201645ARM1	9/20/2010	bis(2-ethylhexyl)phthalate	830	ug/Kg	
SEE09030925PML1	9/3/2010	bis(2-ethylhexyl)phthalate	830	ug/Kg	U
SEE09051550MHS1	9/5/2010	bis(2-ethylhexyl)phthalate	820	ug/Kg	U
SEE09021010PML1	9/2/2010	bis(2-ethylhexyl)phthalate	810	ug/Kg	U
SEE10041150JDF1	10/4/2010	bis(2-ethylhexyl)phthalate	800	ug/Kg	
SEE09061525MHS1	9/6/2010	bis(2-ethylhexyl)phthalate	800	ug/Kg	U
SEE09031100PML1	9/3/2010	bis(2-ethylhexyl)phthalate	800	ug/Kg	U
SEE08301638MHS1	8/30/2010	bis(2-ethylhexyl)phthalate	800	ug/Kg	U
SEE10181035JDF1	10/18/2010	bis(2-ethylhexyl)phthalate	790	ug/Kg	U
SEE10051653PML1	10/5/2010	bis(2-ethylhexyl)phthalate	790	ug/Kg	U
SEE09231210JDF1	9/23/2010	bis(2-ethylhexyl)phthalate	790	ug/Kg	U



**TABLE B-2b**  
**Upstream Sediment Samples (Morrow Lake)**

Sample ID	Sample Date	Analyte	Result	Unit	Data Qualifier
SEE09141515PML1	9/14/2010	bis(2-ethylhexyl)phthalate	790	ug/Kg	U
SEE09051130PML1	9/5/2010	bis(2-ethylhexyl)phthalate	790	ug/Kg	U
SEE08301550PML1	8/30/2010	bis(2-ethylhexyl)phthalate	790	ug/Kg	U
SEE10171115JDF1	10/17/2010	bis(2-ethylhexyl)phthalate	780	ug/Kg	U
SEE10141015JDF1	10/14/2010	bis(2-ethylhexyl)phthalate	780	ug/Kg	U
SEE09191445RCM1	9/19/2010	bis(2-ethylhexyl)phthalate	780	ug/Kg	U
SEE09071050PML1	9/7/2010	bis(2-ethylhexyl)phthalate	780	ug/Kg	UJ
SEE10181510JDF1	10/18/2010	bis(2-ethylhexyl)phthalate	770	ug/Kg	U
SEE10181510JDF1	10/18/2010	bis(2-ethylhexyl)phthalate	770	ug/Kg	U
SEE09171415PML1	9/17/2010	bis(2-ethylhexyl)phthalate	770	ug/Kg	UJ
SEE09140945PML1	9/14/2010	bis(2-ethylhexyl)phthalate	770	ug/Kg	U
SEE08301145MHS1	8/30/2010	bis(2-ethylhexyl)phthalate	770	ug/Kg	U
SEE10141555ARM1	10/14/2010	bis(2-ethylhexyl)phthalate	760	ug/Kg	U
SEE09170839RCM1	9/17/2010	bis(2-ethylhexyl)phthalate	760	ug/Kg	UJ
SEE09081205PML1	9/8/2010	bis(2-ethylhexyl)phthalate	760	ug/Kg	U
SEE09031140MHS1	9/3/2010	bis(2-ethylhexyl)phthalate	760	ug/Kg	U
SEE08301445JRP1	8/30/2010	bis(2-ethylhexyl)phthalate	760	ug/Kg	U
SEE09200945PML1	9/20/2010	bis(2-ethylhexyl)phthalate	750	ug/Kg	U
SEE09200945PML1	9/20/2010	bis(2-ethylhexyl)phthalate	750	ug/Kg	U
SEE09191040PML1	9/19/2010	bis(2-ethylhexyl)phthalate	750	ug/Kg	U
SEE09121436RCM1	9/12/2010	bis(2-ethylhexyl)phthalate	750	ug/Kg	J
SEE09061105PML1	9/6/2010	bis(2-ethylhexyl)phthalate	750	ug/Kg	U
SEE09031650PML1	9/3/2010	bis(2-ethylhexyl)phthalate	750	ug/Kg	U
SEE09031650PML1	9/3/2010	bis(2-ethylhexyl)phthalate	750	ug/Kg	U
SEE10141150JDF1	10/14/2010	bis(2-ethylhexyl)phthalate	740	ug/Kg	U
SEE09191530PML1	9/19/2010	bis(2-ethylhexyl)phthalate	740	ug/Kg	U
SEE09081010PML1	9/8/2010	bis(2-ethylhexyl)phthalate	740	ug/Kg	U
SEE08311045PML1	8/31/2010	bis(2-ethylhexyl)phthalate	740	ug/Kg	U
SEE10161530JDF1	10/16/2010	bis(2-ethylhexyl)phthalate	730	ug/Kg	U
SEE10141550JDF1	10/14/2010	bis(2-ethylhexyl)phthalate	730	ug/Kg	U
SEE10141550JDF1	10/14/2010	bis(2-ethylhexyl)phthalate	730	ug/Kg	U
SEE10121155JDF1	10/12/2010	bis(2-ethylhexyl)phthalate	730	ug/Kg	U
SEE09230955RCM1	9/23/2010	bis(2-ethylhexyl)phthalate	730	ug/Kg	U
SEE09151015PML1	9/15/2010	bis(2-ethylhexyl)phthalate	730	ug/Kg	U
SEE09111015PML1	9/11/2010	bis(2-ethylhexyl)phthalate	730	ug/Kg	UJ
SEE08301520JRP1	8/30/2010	bis(2-ethylhexyl)phthalate	730	ug/Kg	U
SEE10181210JDF1	10/18/2010	bis(2-ethylhexyl)phthalate	720	ug/Kg	U
SEE10150945JDF1	10/15/2010	bis(2-ethylhexyl)phthalate	720	ug/Kg	U
SEE10120930JDF1	10/12/2010	bis(2-ethylhexyl)phthalate	720	ug/Kg	U
SEE10081231PML1	10/8/2010	bis(2-ethylhexyl)phthalate	720	ug/Kg	U
SEE09011050PML1	9/1/2010	bis(2-ethylhexyl)phthalate	720	ug/Kg	U
SEE09040950PML1	9/4/2010	bis(2-ethylhexyl)phthalate	710	ug/Kg	U
SEE10161115ARM1	10/16/2010	bis(2-ethylhexyl)phthalate	700	ug/Kg	U
SEE10061640PML1	10/6/2010	bis(2-ethylhexyl)phthalate	700	ug/Kg	U
SEE10061640PML1	10/6/2010	bis(2-ethylhexyl)phthalate	700	ug/Kg	U
SEE09301205RCM1	9/30/2010	bis(2-ethylhexyl)phthalate	700	ug/Kg	U
SEE09201115RCM1	9/20/2010	bis(2-ethylhexyl)phthalate	700	ug/Kg	U
SEE09171445RCM1	9/17/2010	bis(2-ethylhexyl)phthalate	700	ug/Kg	UJ
SEE08271614TWH1	8/27/2010	bis(2-ethylhexyl)phthalate	690	ug/kg	U
SEE10211345JWP1	10/21/2010	bis(2-ethylhexyl)phthalate	680	ug/Kg	U
SEE09271130JDF1	9/27/2010	bis(2-ethylhexyl)phthalate	680	ug/Kg	U
SEE09061130MHS1	9/6/2010	bis(2-ethylhexyl)phthalate	680	ug/Kg	U
SEE08261445JRP1	8/26/2010	bis(2-ethylhexyl)phthalate	680	ug/Kg	U
SEE09121450PML1	9/12/2010	bis(2-ethylhexyl)phthalate	670	ug/Kg	J
SEE09041350PML1	9/4/2010	bis(2-ethylhexyl)phthalate	670	ug/Kg	U
SEE09011255PML1	9/1/2010	bis(2-ethylhexyl)phthalate	670	ug/Kg	U
SEE10071540PML1	10/7/2010	bis(2-ethylhexyl)phthalate	660	ug/Kg	U
SEE09170945PML1	9/17/2010	bis(2-ethylhexyl)phthalate	660	ug/Kg	UJ
SEE10031425JDF1	10/3/2010	bis(2-ethylhexyl)phthalate	650	ug/Kg	J
SEE09171125PML1	9/17/2010	bis(2-ethylhexyl)phthalate	640	ug/Kg	UJ

**TABLE B-2b**  
**Upstream Sediment Samples (Morrow Lake)**

Sample ID	Sample Date	Analyte	Result	Unit	Data Qualifier
SEE09051015PML1	9/5/2010	bis(2-ethylhexyl)phthalate	640	ug/Kg	U
SEE10161415JDF1	10/16/2010	bis(2-ethylhexyl)phthalate	630	ug/Kg	U
SEE09031115JAW1	9/3/2010	bis(2-ethylhexyl)phthalate	620	ug/Kg	U
SEE08301530JAW1	8/30/2010	bis(2-ethylhexyl)phthalate	620	ug/Kg	U
SEE10161055JDF1	10/16/2010	bis(2-ethylhexyl)phthalate	610	ug/Kg	U
SEE09271515JDF1	9/27/2010	bis(2-ethylhexyl)phthalate	610	ug/Kg	U
SEE09171530PML1	9/17/2010	bis(2-ethylhexyl)phthalate	610	ug/Kg	UJ
SEE09011145PML1	9/1/2010	bis(2-ethylhexyl)phthalate	590	ug/Kg	U
SEE10041050JDF1	10/4/2010	bis(2-ethylhexyl)phthalate	580	ug/Kg	
SEE10121030JDF1	10/12/2010	bis(2-ethylhexyl)phthalate	570	ug/Kg	U
SEE09221105JDF1	9/22/2010	bis(2-ethylhexyl)phthalate	540	ug/Kg	J
SEE08311010JRP1	8/31/2010	bis(2-ethylhexyl)phthalate	530	ug/Kg	
SEE10071205PML1	10/7/2010	bis(2-ethylhexyl)phthalate	520	ug/Kg	J
SEE09301105JDF1	9/30/2010	bis(2-ethylhexyl)phthalate	520	ug/Kg	J
SEE10111350JDF1	10/11/2010	bis(2-ethylhexyl)phthalate	510	ug/Kg	J
SEE10071101PML1	10/7/2010	bis(2-ethylhexyl)phthalate	510	ug/Kg	J
SEE10041335JDF1	10/4/2010	bis(2-ethylhexyl)phthalate	510	ug/Kg	J
SEE09121105RCM1	9/12/2010	bis(2-ethylhexyl)phthalate	510	ug/Kg	J
SEE09091605PML1	9/9/2010	bis(2-ethylhexyl)phthalate	510	ug/Kg	J
SEF10221050MAE3	10/22/2010	bis(2-ethylhexyl)phthalate	500	ug/Kg	U
SEF10191135NAC3	10/19/2010	bis(2-ethylhexyl)phthalate	490	ug/Kg	U
SEE10040945JDF1	10/4/2010	bis(2-ethylhexyl)phthalate	490	ug/Kg	J
SEE10151355ARM1	10/15/2010	bis(2-ethylhexyl)phthalate	480	ug/Kg	U
SEE10111125JDF1	10/11/2010	bis(2-ethylhexyl)phthalate	480	ug/Kg	J
SEE09131026RCM1	9/13/2010	bis(2-ethylhexyl)phthalate	470	ug/Kg	J
SEE09131125PML1	9/13/2010	bis(2-ethylhexyl)phthalate	470	ug/Kg	J
SEE08311348MHS1	8/31/2010	bis(2-ethylhexyl)phthalate	470	ug/Kg	U
SEE10170915JDF1	10/17/2010	bis(2-ethylhexyl)phthalate	460	ug/Kg	U
SEE10061205PML1	10/6/2010	bis(2-ethylhexyl)phthalate	450	ug/Kg	J
SEE10041355ARM1	10/4/2010	bis(2-ethylhexyl)phthalate	450	ug/Kg	J
SEE09301255JDF1	9/30/2010	bis(2-ethylhexyl)phthalate	440	ug/Kg	J
SEE09130955JRP1	9/13/2010	bis(2-ethylhexyl)phthalate	440	ug/Kg	J
SEE09091515PML1	9/9/2010	bis(2-ethylhexyl)phthalate	440	ug/Kg	J
SEE10091401PML1	10/9/2010	bis(2-ethylhexyl)phthalate	430	ug/Kg	J
SEE10071151RCM1	10/7/2010	bis(2-ethylhexyl)phthalate	430	ug/Kg	U
SEE10061051RCM1	10/6/2010	bis(2-ethylhexyl)phthalate	430	ug/Kg	J
SEE09161045PML1	9/16/2010	bis(2-ethylhexyl)phthalate	420	ug/Kg	J
SEE09301255MAE1	9/30/2010	bis(2-ethylhexyl)phthalate	410	ug/Kg	J
SEE09271025ARM1	9/27/2010	bis(2-ethylhexyl)phthalate	410	ug/Kg	J
SEE08300920JRP1	8/30/2010	bis(2-ethylhexyl)phthalate	410	ug/Kg	U
SEE10071415ARM1	10/7/2010	bis(2-ethylhexyl)phthalate	400	ug/Kg	J
SEE09290925JDF1	9/29/2010	bis(2-ethylhexyl)phthalate	400	ug/Kg	J
SEE09131505PML1	9/13/2010	bis(2-ethylhexyl)phthalate	390	ug/Kg	J
SEE10041530JDF1	10/4/2010	bis(2-ethylhexyl)phthalate	380	ug/Kg	J
SEE10031115JDF1	10/3/2010	bis(2-ethylhexyl)phthalate	380	ug/Kg	J
SEE10031115JDF1	10/3/2010	bis(2-ethylhexyl)phthalate	380	ug/Kg	J
SEE09051500MHS1	9/5/2010	bis(2-ethylhexyl)phthalate	380	ug/Kg	U
SEE10141025ARM1	10/14/2010	bis(2-ethylhexyl)phthalate	370	ug/Kg	U
SEE09090900JRP1	9/9/2010	bis(2-ethylhexyl)phthalate	370	ug/Kg	J
SEE10071042RCM1	10/7/2010	bis(2-ethylhexyl)phthalate	360	ug/Kg	J
SEE09131445RCM1	9/13/2010	bis(2-ethylhexyl)phthalate	360	ug/Kg	J
SEE10111011JDF1	10/11/2010	bis(2-ethylhexyl)phthalate	340	ug/Kg	J
SEE10091614PML1	10/9/2010	bis(2-ethylhexyl)phthalate	340	ug/Kg	J
SEE09251135JDF1	9/25/2010	bis(2-ethylhexyl)phthalate	340	ug/Kg	J
SEE09091145PML1	9/9/2010	bis(2-ethylhexyl)phthalate	340	ug/Kg	J
SEE10081051RCM1	10/8/2010	bis(2-ethylhexyl)phthalate	330	ug/Kg	J
SEE10041138RCM1	10/4/2010	bis(2-ethylhexyl)phthalate	330	ug/Kg	J
SEE09291035JDF1	9/29/2010	bis(2-ethylhexyl)phthalate	330	ug/Kg	J
SEE09221440JDF1	9/22/2010	bis(2-ethylhexyl)phthalate	330	ug/Kg	J
SEE09130915JRP1	9/13/2010	bis(2-ethylhexyl)phthalate	330	ug/Kg	U

**TABLE B-2b**  
**Upstream Sediment Samples (Morrow Lake)**

Sample ID	Sample Date	Analyte	Result	Unit	Data Qualifier
SEE09260930RCM1	9/26/2010	bis(2-ethylhexyl)phthalate	320	ug/Kg	J
SEE09221615JDF1	9/22/2010	bis(2-ethylhexyl)phthalate	320	ug/Kg	J
SEE09181705PML1	9/18/2010	bis(2-ethylhexyl)phthalate	320	ug/Kg	J
SEE09101215PML1	9/10/2010	bis(2-ethylhexyl)phthalate	320	ug/Kg	J
SEE09091025JRP1	9/9/2010	bis(2-ethylhexyl)phthalate	320	ug/Kg	J
SEE09211155JDF1	9/21/2010	bis(2-ethylhexyl)phthalate	310	ug/Kg	J
SEE09091010PML1	9/9/2010	bis(2-ethylhexyl)phthalate	310	ug/Kg	J
SEE09091410PML1	9/9/2010	bis(2-ethylhexyl)phthalate	310	ug/Kg	J
SEE09291023RCM1	9/29/2010	bis(2-ethylhexyl)phthalate	300	ug/Kg	J
SEE09101625PML1	9/10/2010	bis(2-ethylhexyl)phthalate	300	ug/Kg	J
SEE10011120JDF1	10/1/2010	bis(2-ethylhexyl)phthalate	290	ug/Kg	J
SEE09061610JAW1	9/6/2010	bis(2-ethylhexyl)phthalate	290	ug/Kg	U
SEE10051415ARM1	10/5/2010	bis(2-ethylhexyl)phthalate	280	ug/Kg	U
SEE09291135JDF1	9/29/2010	bis(2-ethylhexyl)phthalate	280	ug/Kg	J
SEE09211530JDF1	9/21/2010	bis(2-ethylhexyl)phthalate	280	ug/Kg	J
SEE09181235PML1	9/18/2010	bis(2-ethylhexyl)phthalate	280	ug/Kg	J
SEE09161035RCM1	9/16/2010	bis(2-ethylhexyl)phthalate	280	ug/Kg	J
SEE09101022PML1	9/10/2010	bis(2-ethylhexyl)phthalate	280	ug/Kg	J
SEE10171535ARM1	10/17/2010	bis(2-ethylhexyl)phthalate	270	ug/Kg	U
SEE10101215PML1	10/10/2010	bis(2-ethylhexyl)phthalate	270	ug/Kg	J
SEE10101215PML1	10/10/2010	bis(2-ethylhexyl)phthalate	270	ug/Kg	J
SEE09131620PML1	9/13/2010	bis(2-ethylhexyl)phthalate	270	ug/Kg	J
SEE08261700JRP1	8/26/2010	bis(2-ethylhexyl)phthalate	270	ug/Kg	U
SEE09291645JDF1	9/29/2010	bis(2-ethylhexyl)phthalate	260	ug/Kg	J
SEE09261625JDF1	9/26/2010	bis(2-ethylhexyl)phthalate	260	ug/Kg	J
SEE09261625JDF1	9/26/2010	bis(2-ethylhexyl)phthalate	260	ug/Kg	J
SEE09151145PML1	9/15/2010	bis(2-ethylhexyl)phthalate	260	ug/Kg	J
SEE09151145PML1	9/15/2010	bis(2-ethylhexyl)phthalate	260	ug/Kg	J
SEE09130940PML1	9/13/2010	bis(2-ethylhexyl)phthalate	260	ug/Kg	J
SEE09100945RCM1	9/10/2010	bis(2-ethylhexyl)phthalate	260	ug/Kg	UJ
SEE08301410JRP1	8/30/2010	bis(2-ethylhexyl)phthalate	260	ug/Kg	U
SEE10091200ARM1	10/9/2010	bis(2-ethylhexyl)phthalate	250	ug/Kg	J
SEE10011125ARM1	10/1/2010	bis(2-ethylhexyl)phthalate	250	ug/Kg	U
SEE09261215JDF1	9/26/2010	bis(2-ethylhexyl)phthalate	250	ug/Kg	J
SEE09211120ARM1	9/21/2010	bis(2-ethylhexyl)phthalate	250	ug/Kg	UJ
SEE09201110ARM1	9/20/2010	bis(2-ethylhexyl)phthalate	250	ug/Kg	U
SEE10081035ARM1	10/8/2010	bis(2-ethylhexyl)phthalate	240	ug/Kg	U
SEE09171200ARM1	9/17/2010	bis(2-ethylhexyl)phthalate	240	ug/Kg	UJ
SEE09091005RCM1	9/9/2010	bis(2-ethylhexyl)phthalate	240	ug/Kg	J
SEF10011045TDF1	10/1/2010	bis(2-ethylhexyl)phthalate	230	ug/Kg	U
SEE09231205RCM1	9/23/2010	bis(2-ethylhexyl)phthalate	230	ug/Kg	U
SEE09220935RCM1	9/22/2010	bis(2-ethylhexyl)phthalate	230	ug/Kg	J
SEE09200911RCM1	9/20/2010	bis(2-ethylhexyl)phthalate	230	ug/Kg	U
SEE09140945JRP1	9/14/2010	bis(2-ethylhexyl)phthalate	230	ug/Kg	U
SEF10081108TDF3	10/8/2010	bis(2-ethylhexyl)phthalate	220	ug/Kg	U
SEE10071045ARM1	10/7/2010	bis(2-ethylhexyl)phthalate	220	ug/Kg	U
SEE10041045ARM1	10/4/2010	bis(2-ethylhexyl)phthalate	220	ug/Kg	U
SEE10011043RCM1	10/1/2010	bis(2-ethylhexyl)phthalate	220	ug/Kg	U
SEE09281445RCM1	9/28/2010	bis(2-ethylhexyl)phthalate	220	ug/Kg	U
SEE09251235ARM1	9/25/2010	bis(2-ethylhexyl)phthalate	220	ug/Kg	U
SEE09231035ARM1	9/23/2010	bis(2-ethylhexyl)phthalate	220	ug/Kg	U
SEE09170935RCM1	9/17/2010	bis(2-ethylhexyl)phthalate	220	ug/Kg	UJ
SEE09150915JRP1	9/15/2010	bis(2-ethylhexyl)phthalate	220	ug/Kg	U
SEE09070930JRP1	9/7/2010	bis(2-ethylhexyl)phthalate	220	ug/Kg	UJ
SEB09011143JLS1	9/1/2010	bis(2-ethylhexyl)phthalate	220	ug/Kg	U
SEE08301100JRP1	8/30/2010	bis(2-ethylhexyl)phthalate	220	ug/Kg	U
SEE08271500PML1	8/27/2010	bis(2-ethylhexyl)phthalate	220	ug/kg	J
SEF10151030PMB3	10/15/2010	bis(2-ethylhexyl)phthalate	210	ug/Kg	U
SEF10121130PMB3	10/12/2010	bis(2-ethylhexyl)phthalate	210	ug/Kg	U
SEE10061135ARM1	10/6/2010	bis(2-ethylhexyl)phthalate	210	ug/Kg	U

**TABLE B-2b**  
**Upstream Sediment Samples (Morrow Lake)**

Sample ID	Sample Date	Analyte	Result	Unit	Data Qualifier
SEF10051206TDF3	10/5/2010	bis(2-ethylhexyl)phthalate	210	ug/Kg	U
SEE09100920JRP1	9/10/2010	bis(2-ethylhexyl)phthalate	210	ug/Kg	UJ
SEE09051500JAW1	9/5/2010	bis(2-ethylhexyl)phthalate	210	ug/Kg	U
SEB08281400JLS1	8/28/2010	bis(2-ethylhexyl)phthalate	210	ug/kg	U
SEE08281505PML1	8/28/2010	bis(2-ethylhexyl)phthalate	210	ug/kg	J
SEE10131035ARM1	10/13/2010	bis(2-ethylhexyl)phthalate	200	ug/Kg	U
SEE10121040ARM1	10/12/2010	bis(2-ethylhexyl)phthalate	200	ug/Kg	U
SEE10051145RCM1	10/5/2010	bis(2-ethylhexyl)phthalate	200	ug/Kg	U
SEF09281139TDF1	9/28/2010	bis(2-ethylhexyl)phthalate	200	ug/Kg	U
SEE09231130ARM1	9/23/2010	bis(2-ethylhexyl)phthalate	200	ug/Kg	J
SEE09221045ARM1	9/22/2010	bis(2-ethylhexyl)phthalate	200	ug/Kg	U
SEE09080930JRP1	9/8/2010	bis(2-ethylhexyl)phthalate	200	ug/Kg	U
SEE09011515JAW1	9/1/2010	bis(2-ethylhexyl)phthalate	200	ug/Kg	U
SEE08291550KAP1	8/29/2010	bis(2-ethylhexyl)phthalate	200	ug/kg	J
SEE08281630RCM1	8/28/2010	bis(2-ethylhexyl)phthalate	200	ug/kg	J
SEE10181030JWP1	10/18/2010	bis(2-ethylhexyl)phthalate	190	ug/Kg	U
SEE10101010PML1	10/10/2010	bis(2-ethylhexyl)phthalate	190	ug/Kg	J
SEE08271215PML1	8/27/2010	bis(2-ethylhexyl)phthalate	180	ug/kg	J
SEE09250905RCM1	9/25/2010	bis(2-ethylhexyl)phthalate	170	ug/Kg	J
SEE08281420TWH1	8/28/2010	bis(2-ethylhexyl)phthalate	170	ug/kg	J
SEE08281607TWH1	8/28/2010	bis(2-ethylhexyl)phthalate	170	ug/kg	J
SEE08261420RCM1	8/26/2010	bis(2-ethylhexyl)phthalate	170	ug/kg	J
SEE09211112RCM1	9/21/2010	bis(2-ethylhexyl)phthalate	150	ug/Kg	J
SEE08291421KAP1	8/29/2010	bis(2-ethylhexyl)phthalate	150	ug/kg	J
SEE08281215PML1	8/28/2010	bis(2-ethylhexyl)phthalate	150	ug/kg	J
SEE10211430JDF1	10/21/2010	bis(2-ethylhexyl)phthalate	140	ug/Kg	J
SEE09141312RCM1	9/14/2010	bis(2-ethylhexyl)phthalate	140	ug/Kg	J
SEE10221110JDF1	10/22/2010	bis(2-ethylhexyl)phthalate	120	ug/Kg	J
SEE10221110JDF1	10/22/2010	bis(2-ethylhexyl)phthalate	120	ug/Kg	J
SEE10191415JDF1	10/19/2010	bis(2-ethylhexyl)phthalate	120	ug/Kg	J
SEE10191515JDF1	10/19/2010	bis(2-ethylhexyl)phthalate	120	ug/Kg	J
SEE08271145RCM1	8/27/2010	bis(2-ethylhexyl)phthalate	120	ug/kg	J
SEE10191100JDF1	10/19/2010	bis(2-ethylhexyl)phthalate	110	ug/Kg	J
SEE10191155JDF1	10/19/2010	bis(2-ethylhexyl)phthalate	110	ug/Kg	J
SEE08281510TWH1	8/28/2010	bis(2-ethylhexyl)phthalate	110	ug/kg	J
SEE08261620RCM1	8/26/2010	bis(2-ethylhexyl)phthalate	110	ug/kg	J
SEE10191115JWP1	10/19/2010	bis(2-ethylhexyl)phthalate	86	ug/Kg	J
SEE08291354KAP1	8/29/2010	bis(2-ethylhexyl)phthalate	81	ug/kg	J
SEE08271652TWH1	8/27/2010	bis(2-ethylhexyl)phthalate	79	ug/kg	J
SEE09301025MAE1	9/30/2010	bis(2-ethylhexyl)phthalate	66	ug/Kg	J
SEE09271500ARM1	9/27/2010	bis(2-ethylhexyl)phthalate	66	ug/Kg	J
SEE08291110PML1	8/29/2010	bis(2-ethylhexyl)phthalate	65	ug/kg	J
SEE09290915MAE1	9/29/2010	bis(2-ethylhexyl)phthalate	59	ug/Kg	J
SEE10221450DWS1	10/22/2010	bis(2-ethylhexyl)phthalate	54	ug/Kg	J
SEE08281540JRP1	8/28/2010	bis(2-ethylhexyl)phthalate	48	ug/kg	J
SEE08271445JRP1	8/27/2010	bis(2-ethylhexyl)phthalate	41	ug/kg	J
SEE08291445PML1	8/29/2010	bis(2-ethylhexyl)phthalate	28	ug/kg	J
SEE08271536TWH1	8/27/2010	bis(2-ethylhexyl)phthalate	22	ug/kg	J
ML-01-S-082110	8/21/2010	bis(2-ethylhexyl)phthalate	3.5	mg/Kg	
ML-07-S-081610	8/16/2010	bis(2-ethylhexyl)phthalate	2.3	mg/Kg	
ML-03-S-082310	8/23/2010	bis(2-ethylhexyl)phthalate	0.97	mg/Kg	U
ML-10-S-081910	8/19/2010	bis(2-ethylhexyl)phthalate	0.86	mg/Kg	U
ML-10-S-081910	8/19/2010	bis(2-ethylhexyl)phthalate	0.86	mg/Kg	U
ML-05-S-082310	8/23/2010	bis(2-ethylhexyl)phthalate	0.79	mg/Kg	U
ML-04-S-082010	8/20/2010	bis(2-ethylhexyl)phthalate	0.69	mg/Kg	
ML-02-S-082310	8/23/2010	bis(2-ethylhexyl)phthalate	0.67	mg/Kg	U
ML-04-S-082610	8/26/2010	bis(2-ethylhexyl)phthalate	0.66	mg/Kg	U
ML-06-S-082310	8/23/2010	bis(2-ethylhexyl)phthalate	0.64	mg/Kg	U
ML-10-S-082110	8/21/2010	bis(2-ethylhexyl)phthalate	0.62	mg/Kg	
ML-10-S-082110	8/21/2010	bis(2-ethylhexyl)phthalate	0.62	mg/Kg	

**TABLE B-2b**  
**Upstream Sediment Samples (Morrow Lake)**

Sample ID	Sample Date	Analyte	Result	Unit	Data Qualifier
ML-07-S-082110	8/21/2010	bis(2-ethylhexyl)phthalate	0.56	mg/Kg	U
ML-03-S-082010	8/20/2010	bis(2-ethylhexyl)phthalate	0.52	mg/Kg	U
ML-10-S-082610	8/26/2010	bis(2-ethylhexyl)phthalate	0.51	mg/Kg	U
ML-10-S-082610	8/26/2010	bis(2-ethylhexyl)phthalate	0.51	mg/Kg	U
ML-04-S-082410	8/24/2010	bis(2-ethylhexyl)phthalate	0.49	mg/Kg	UJ
ML-07-S-082410	8/24/2010	bis(2-ethylhexyl)phthalate	0.48	mg/Kg	UJ
ML-05-S-082610	8/26/2010	bis(2-ethylhexyl)phthalate	0.47	mg/Kg	U
ML-03-S-082510	8/25/2010	bis(2-ethylhexyl)phthalate	0.47	mg/Kg	U
ML-04-S-081710	8/17/2010	bis(2-ethylhexyl)phthalate	0.47	mg/Kg	U
ML-05-S-082010	8/20/2010	bis(2-ethylhexyl)phthalate	0.43	mg/Kg	U
ML-03-S-081610	8/16/2010	bis(2-ethylhexyl)phthalate	0.41	mg/Kg	U
ML-09-S-082110	8/21/2010	bis(2-ethylhexyl)phthalate	0.40	mg/Kg	U
ML-01-S-081610	8/16/2010	bis(2-ethylhexyl)phthalate	0.39	mg/Kg	U
ML-02-S-082510	8/25/2010	bis(2-ethylhexyl)phthalate	0.38	mg/Kg	U
ML-07-S-081810	8/18/2010	bis(2-ethylhexyl)phthalate	0.37	mg/Kg	UJ
ML-08-S-082510	8/25/2010	bis(2-ethylhexyl)phthalate	0.36	mg/Kg	U
ML-02-S-082010	8/20/2010	bis(2-ethylhexyl)phthalate	0.36	mg/Kg	U
ML-07-S-082510	8/25/2010	bis(2-ethylhexyl)phthalate	0.35	mg/Kg	U
ML-08-S-081610	8/16/2010	bis(2-ethylhexyl)phthalate	0.35	mg/Kg	U
ML-05-S-081710	8/17/2010	bis(2-ethylhexyl)phthalate	0.34	mg/Kg	U
ML-01-S-082510	8/25/2010	bis(2-ethylhexyl)phthalate	0.33	mg/Kg	U
ML-09-S-081810	8/18/2010	bis(2-ethylhexyl)phthalate	0.31	mg/Kg	UJ
ML-06-S-081710	8/17/2010	bis(2-ethylhexyl)phthalate	0.31	mg/Kg	U
ML-06-S-082510	8/25/2010	bis(2-ethylhexyl)phthalate	0.29	mg/Kg	U
ML-06-S-082010	8/20/2010	bis(2-ethylhexyl)phthalate	0.29	mg/Kg	U
ML-08-S-082110	8/21/2010	bis(2-ethylhexyl)phthalate	0.28	mg/Kg	U
ML-01-S-081910	8/19/2010	bis(2-ethylhexyl)phthalate	0.27	mg/Kg	U
ML-09-S-082410	8/24/2010	bis(2-ethylhexyl)phthalate	0.24	mg/Kg	UJ
ML-02-S-081710	8/17/2010	bis(2-ethylhexyl)phthalate	0.24	mg/Kg	U
ML-10-S-082410	8/24/2010	bis(2-ethylhexyl)phthalate	0.23	mg/Kg	UJ
ML-10-S-082410	8/24/2010	bis(2-ethylhexyl)phthalate	0.23	mg/Kg	UJ
ML-10-S-081610	8/16/2010	bis(2-ethylhexyl)phthalate	0.22	mg/Kg	U
ML-10-S-081610	8/16/2010	bis(2-ethylhexyl)phthalate	0.22	mg/Kg	U
ML-08-S-082410	8/24/2010	bis(2-ethylhexyl)phthalate	0.20	mg/Kg	UJ
ML-09-S-082510	8/25/2010	bis(2-ethylhexyl)phthalate	0.19	mg/Kg	U
SEE10211035JDF1	10/21/2010	Bromochloromethane	930	ug/Kg	U
SEE10191515JDF1	10/19/2010	Bromochloromethane	850	ug/Kg	U
SEE10191005JDF1	10/19/2010	Bromochloromethane	820	ug/Kg	U
SEE10211430JDF1	10/21/2010	Bromochloromethane	810	ug/Kg	U
SEE10221110JDF1	10/22/2010	Bromochloromethane	790	ug/Kg	U
SEE10221110JDF1	10/22/2010	Bromochloromethane	790	ug/Kg	U
SEE10191415JDF1	10/19/2010	Bromochloromethane	760	ug/Kg	U
SEE10191155JDF1	10/19/2010	Bromochloromethane	730	ug/Kg	U
SEE10211010JWP1	10/21/2010	Bromochloromethane	710	ug/Kg	U
SEE10191100JDF1	10/19/2010	Bromochloromethane	710	ug/Kg	U
SEE10221055DWS1	10/22/2010	Bromochloromethane	680	ug/Kg	U
SEE10191010JWP1	10/19/2010	Bromochloromethane	680	ug/Kg	U
SEE10221450DWS1	10/22/2010	Bromochloromethane	370	ug/Kg	U
SEE10211345JWP1	10/21/2010	Bromochloromethane	330	ug/Kg	U
SEE10141015JDF1	10/14/2010	Bromochloromethane	280	ug/Kg	U
SEF10221050MAE3	10/22/2010	Bromochloromethane	230	ug/Kg	U
SEF10191135NAC3	10/19/2010	Bromochloromethane	220	ug/Kg	U
SEE10191115JWP1	10/19/2010	Bromochloromethane	200	ug/Kg	U
SEE09200945PML1	9/20/2010	Bromochloromethane	60	ug/Kg	U
SEE09200945PML1	9/20/2010	Bromochloromethane	60	ug/Kg	U
SEE09201115RCM1	9/20/2010	Bromochloromethane	58	ug/Kg	U
SEE09201645ARM1	9/20/2010	Bromochloromethane	48	ug/Kg	U
SEE10071042RCM1	10/7/2010	Bromochloromethane	45	ug/Kg	U
SEE09061500PML1	9/6/2010	Bromochloromethane	45	ug/Kg	U
SEE08281607TWH1	8/28/2010	Bromochloromethane	44	ug/kg	U

**TABLE B-2b**  
**Upstream Sediment Samples (Morrow Lake)**

Sample ID	Sample Date	Analyte	Result	Unit	Data Qualifier
SEE09301105JDF1	9/30/2010	Bromochloromethane	42	ug/Kg	U
SEE09181705PML1	9/18/2010	Bromochloromethane	42	ug/Kg	U
SEE09021400PML1	9/2/2010	Bromochloromethane	41	ug/Kg	U
SEE08301130PML1	8/30/2010	Bromochloromethane	41	ug/Kg	U
SEE10091401PML1	10/9/2010	Bromochloromethane	40	ug/Kg	U
SEE10181035JDF1	10/18/2010	Bromochloromethane	39	ug/Kg	U
SEE10051125PML1	10/5/2010	Bromochloromethane	39	ug/Kg	U
SEE08311045PML1	8/31/2010	Bromochloromethane	39	ug/Kg	U
SEE10141555ARM1	10/14/2010	Bromochloromethane	38	ug/Kg	U
SEE09101215PML1	9/10/2010	Bromochloromethane	38	ug/Kg	U
SEE10161530JDF1	10/16/2010	Bromochloromethane	37	ug/Kg	U
SEE10081115PML1	10/8/2010	Bromochloromethane	37	ug/Kg	U
SEE09030925PML1	9/3/2010	Bromochloromethane	37	ug/Kg	U
SEE09031115JAW1	9/3/2010	Bromochloromethane	37	ug/Kg	U
SEE08281505PML1	8/28/2010	Bromochloromethane	37	ug/kg	U
SEE10171410JDF1	10/17/2010	Bromochloromethane	36	ug/Kg	U
SEE09191530PML1	9/19/2010	Bromochloromethane	36	ug/Kg	U
SEE09181235PML1	9/18/2010	Bromochloromethane	36	ug/Kg	U
SEE09141135PML1	9/14/2010	Bromochloromethane	36	ug/Kg	U
SEE09101022PML1	9/10/2010	Bromochloromethane	36	ug/Kg	U
SEE10171115JDF1	10/17/2010	Bromochloromethane	35	ug/Kg	U
SEE08311420PML1	8/31/2010	Bromochloromethane	35	ug/Kg	U
SEE08311420PML1	8/31/2010	Bromochloromethane	35	ug/Kg	U
SEE08271215PML1	8/27/2010	Bromochloromethane	35	ug/kg	U
SEE10041530JDF1	10/4/2010	Bromochloromethane	34	ug/Kg	U
SEE09121105RCM1	9/12/2010	Bromochloromethane	34	ug/Kg	U
SEE09011545PML1	9/1/2010	Bromochloromethane	34	ug/Kg	U
SEE08301550PML1	8/30/2010	Bromochloromethane	34	ug/Kg	U
SEE10181210JDF1	10/18/2010	Bromochloromethane	33	ug/Kg	U
SEE10181430JWP1	10/18/2010	Bromochloromethane	33	ug/Kg	U
SEE10181510JDF1	10/18/2010	Bromochloromethane	33	ug/Kg	U
SEE10181510JDF1	10/18/2010	Bromochloromethane	33	ug/Kg	U
SEE10131150JDF1	10/13/2010	Bromochloromethane	33	ug/Kg	U
SEE10101010PML1	10/10/2010	Bromochloromethane	33	ug/Kg	U
SEE10101215PML1	10/10/2010	Bromochloromethane	33	ug/Kg	U
SEE10101215PML1	10/10/2010	Bromochloromethane	33	ug/Kg	U
SEE09140945PML1	9/14/2010	Bromochloromethane	33	ug/Kg	U
SEE09061525MHS1	9/6/2010	Bromochloromethane	33	ug/Kg	U
SEE09051130PML1	9/5/2010	Bromochloromethane	33	ug/Kg	U
SEE09031100PML1	9/3/2010	Bromochloromethane	33	ug/Kg	U
SEE09021010PML1	9/2/2010	Bromochloromethane	33	ug/Kg	U
SEE08281630RCM1	8/28/2010	Bromochloromethane	33	ug/kg	U
SEE10031115JDF1	10/3/2010	Bromochloromethane	32	ug/Kg	U
SEE10031115JDF1	10/3/2010	Bromochloromethane	32	ug/Kg	U
SEE09301205RCM1	9/30/2010	Bromochloromethane	32	ug/Kg	U
SEE09301255JDF1	9/30/2010	Bromochloromethane	32	ug/Kg	U
SEE09231645JDF1	9/23/2010	Bromochloromethane	32	ug/Kg	U
SEE09141515PML1	9/14/2010	Bromochloromethane	32	ug/Kg	U
SEE09101625PML1	9/10/2010	Bromochloromethane	32	ug/Kg	U
SEE09091005RCM1	9/9/2010	Bromochloromethane	32	ug/Kg	U
SEE09061105PML1	9/6/2010	Bromochloromethane	32	ug/Kg	U
SEE09031650PML1	9/3/2010	Bromochloromethane	32	ug/Kg	U
SEE09031650PML1	9/3/2010	Bromochloromethane	32	ug/Kg	U
SEE10081231PML1	10/8/2010	Bromochloromethane	31	ug/Kg	U
SEE09231210JDF1	9/23/2010	Bromochloromethane	31	ug/Kg	U
SEE09161045PML1	9/16/2010	Bromochloromethane	31	ug/Kg	U
SEE09081205PML1	9/8/2010	Bromochloromethane	31	ug/Kg	U
SEE09071050PML1	9/7/2010	Bromochloromethane	31	ug/Kg	U
SEE08301145MHS1	8/30/2010	Bromochloromethane	31	ug/Kg	U
SEE10161115ARM1	10/16/2010	Bromochloromethane	30	ug/Kg	U

**TABLE B-2b**  
**Upstream Sediment Samples (Morrow Lake)**

Sample ID	Sample Date	Analyte	Result	Unit	Data Qualifier
SEE10120930JDF1	10/12/2010	Bromochloromethane	30	ug/Kg	U
SEE10071101PML1	10/7/2010	Bromochloromethane	30	ug/Kg	U
SEE09261625JDF1	9/26/2010	Bromochloromethane	30	ug/Kg	U
SEE09261625JDF1	9/26/2010	Bromochloromethane	30	ug/Kg	U
SEE09131445RCM1	9/13/2010	Bromochloromethane	30	ug/Kg	U
SEE09121055PML1	9/12/2010	Bromochloromethane	30	ug/Kg	U
SEE09121055PML1	9/12/2010	Bromochloromethane	30	ug/Kg	U
SEE09121436RCM1	9/12/2010	Bromochloromethane	30	ug/Kg	U
SEE09091410RCM1	9/9/2010	Bromochloromethane	30	ug/Kg	U
SEE09011050PML1	9/1/2010	Bromochloromethane	30	ug/Kg	U
SEE10081051RCM1	10/8/2010	Bromochloromethane	29	ug/Kg	U
SEE10061640PML1	10/6/2010	Bromochloromethane	29	ug/Kg	U
SEE10061640PML1	10/6/2010	Bromochloromethane	29	ug/Kg	U
SEE10051653PML1	10/5/2010	Bromochloromethane	29	ug/Kg	U
SEE09261215JDF1	9/26/2010	Bromochloromethane	29	ug/Kg	U
SEE09231130ARM1	9/23/2010	Bromochloromethane	29	ug/Kg	U
SEE09191040PML1	9/19/2010	Bromochloromethane	29	ug/Kg	U
SEE09131026RCM1	9/13/2010	Bromochloromethane	29	ug/Kg	U
SEE09131505PML1	9/13/2010	Bromochloromethane	29	ug/Kg	U
SEE09040950PML1	9/4/2010	Bromochloromethane	29	ug/Kg	U
SEE10011120JDF1	10/1/2010	Bromochloromethane	28	ug/Kg	U
SEE09211155JDF1	9/21/2010	Bromochloromethane	28	ug/Kg	U
SEE09171415PML1	9/17/2010	Bromochloromethane	28	ug/Kg	U
SEE09151145PML1	9/15/2010	Bromochloromethane	28	ug/Kg	U
SEE09151145PML1	9/15/2010	Bromochloromethane	28	ug/Kg	U
SEE09131620PML1	9/13/2010	Bromochloromethane	28	ug/Kg	U
SEE09121450PML1	9/12/2010	Bromochloromethane	28	ug/Kg	U
SEE09091515PML1	9/9/2010	Bromochloromethane	28	ug/Kg	U
SEE09081010PML1	9/8/2010	Bromochloromethane	28	ug/Kg	U
SEE09081020RCM1	9/8/2010	Bromochloromethane	28	ug/Kg	U
SEE09011255PML1	9/1/2010	Bromochloromethane	28	ug/Kg	U
SEE08301015JRP1	8/30/2010	Bromochloromethane	28	ug/Kg	U
SEE08261420RCM1	8/26/2010	Bromochloromethane	28	ug/kg	U
SEE10091614PML1	10/9/2010	Bromochloromethane	27	ug/Kg	U
SEE10061205PML1	10/6/2010	Bromochloromethane	27	ug/Kg	U
SEE10041150JDF1	10/4/2010	Bromochloromethane	27	ug/Kg	U
SEE09251135JDF1	9/25/2010	Bromochloromethane	27	ug/Kg	U
SEE09221440JDF1	9/22/2010	Bromochloromethane	27	ug/Kg	U
SEE09170839RCM1	9/17/2010	Bromochloromethane	27	ug/Kg	U
SEE09151015PML1	9/15/2010	Bromochloromethane	27	ug/Kg	U
SEE08291110PML1	8/29/2010	Bromochloromethane	27	ug/kg	U
SEE10141150JDF1	10/14/2010	Bromochloromethane	26	ug/Kg	U
SEE10141550JDF1	10/14/2010	Bromochloromethane	26	ug/Kg	U
SEE10141550JDF1	10/14/2010	Bromochloromethane	26	ug/Kg	U
SEE10121155JDF1	10/12/2010	Bromochloromethane	26	ug/Kg	U
SEE09271130JDF1	9/27/2010	Bromochloromethane	26	ug/Kg	U
SEE09131125PML1	9/13/2010	Bromochloromethane	26	ug/Kg	U
SEE09091010PML1	9/9/2010	Bromochloromethane	26	ug/Kg	U
SEE09091145PML1	9/9/2010	Bromochloromethane	26	ug/Kg	U
SEE09091410PML1	9/9/2010	Bromochloromethane	26	ug/Kg	U
SEE09061130MHS1	9/6/2010	Bromochloromethane	26	ug/Kg	U
SEE09011145PML1	9/1/2010	Bromochloromethane	26	ug/Kg	U
SEE08301638MHS1	8/30/2010	Bromochloromethane	26	ug/Kg	U
SEE10151055ARM1	10/15/2010	Bromochloromethane	25	ug/Kg	U
SEE10121415ARM1	10/12/2010	Bromochloromethane	25	ug/Kg	U
SEE10111125JDF1	10/11/2010	Bromochloromethane	25	ug/Kg	U
SEE10031425JDF1	10/3/2010	Bromochloromethane	25	ug/Kg	U
SEE09291035JDF1	9/29/2010	Bromochloromethane	25	ug/Kg	U
SEE09220935RCM1	9/22/2010	Bromochloromethane	25	ug/Kg	U
SEE09111015PML1	9/11/2010	Bromochloromethane	25	ug/Kg	U

**TABLE B-2b**  
**Upstream Sediment Samples (Morrow Lake)**

Sample ID	Sample Date	Analyte	Result	Unit	Data Qualifier
SEE09051015PML1	9/5/2010	Bromochloromethane	25	ug/Kg	U
SEE08301445JRP1	8/30/2010	Bromochloromethane	25	ug/Kg	U
SEE10161415JDF1	10/16/2010	Bromochloromethane	24	ug/Kg	U
SEE10040945JDF1	10/4/2010	Bromochloromethane	24	ug/Kg	U
SEE09230955RCM1	9/23/2010	Bromochloromethane	24	ug/Kg	U
SEE09211530JDF1	9/21/2010	Bromochloromethane	24	ug/Kg	U
SEE09170945PML1	9/17/2010	Bromochloromethane	24	ug/Kg	U
SEE09171125PML1	9/17/2010	Bromochloromethane	24	ug/Kg	U
SEE09130955JRP1	9/13/2010	Bromochloromethane	24	ug/Kg	U
SEE09091605PML1	9/9/2010	Bromochloromethane	24	ug/Kg	U
SEE09041350PML1	9/4/2010	Bromochloromethane	24	ug/Kg	U
SEE10071205PML1	10/7/2010	Bromochloromethane	23	ug/Kg	U
SEE10071540PML1	10/7/2010	Bromochloromethane	23	ug/Kg	U
SEE10041335JDF1	10/4/2010	Bromochloromethane	23	ug/Kg	U
SEE09271025ARM1	9/27/2010	Bromochloromethane	23	ug/Kg	U
SEE09171530PML1	9/17/2010	Bromochloromethane	23	ug/Kg	U
SEE09051430PML1	9/5/2010	Bromochloromethane	23	ug/Kg	U
SEE08271500PML1	8/27/2010	Bromochloromethane	23	ug/kg	U
SEE10150945JDF1	10/15/2010	Bromochloromethane	22	ug/Kg	U
SEE10111011JDF1	10/11/2010	Bromochloromethane	22	ug/Kg	U
SEE10111350JDF1	10/11/2010	Bromochloromethane	22	ug/Kg	U
SEE10061051RCM1	10/6/2010	Bromochloromethane	22	ug/Kg	U
SEE10041355ARM1	10/4/2010	Bromochloromethane	22	ug/Kg	U
SEE09271515JDF1	9/27/2010	Bromochloromethane	22	ug/Kg	U
SEE09221105JDF1	9/22/2010	Bromochloromethane	22	ug/Kg	U
SEE09130940PML1	9/13/2010	Bromochloromethane	22	ug/Kg	U
SEE08281215PML1	8/28/2010	Bromochloromethane	22	ug/kg	U
SEE10121030JDF1	10/12/2010	Bromochloromethane	21	ug/Kg	U
SEE09290925JDF1	9/29/2010	Bromochloromethane	21	ug/Kg	U
SEE09091025JRP1	9/9/2010	Bromochloromethane	21	ug/Kg	U
SEE09011635PML1	9/1/2010	Bromochloromethane	21	ug/Kg	U
SEE08301520JRP1	8/30/2010	Bromochloromethane	21	ug/Kg	U
SEE08281420TWH1	8/28/2010	Bromochloromethane	21	ug/kg	U
SEE08261445JRP1	8/26/2010	Bromochloromethane	21	ug/Kg	U
SEE10161055JDF1	10/16/2010	Bromochloromethane	20	ug/Kg	U
SEE10151355ARM1	10/15/2010	Bromochloromethane	20	ug/Kg	U
SEE10071415ARM1	10/7/2010	Bromochloromethane	20	ug/Kg	U
SEE09031140MHS1	9/3/2010	Bromochloromethane	20	ug/Kg	U
SEE08291421KAP1	8/29/2010	Bromochloromethane	20	ug/kg	U
SEE08271145RCM1	8/27/2010	Bromochloromethane	20	ug/kg	U
SEE10041050JDF1	10/4/2010	Bromochloromethane	19	ug/Kg	U
SEE09301255MAE1	9/30/2010	Bromochloromethane	19	ug/Kg	U
SEE09291645JDF1	9/29/2010	Bromochloromethane	19	ug/Kg	U
SEE09051550MHS1	9/5/2010	Bromochloromethane	19	ug/Kg	U
SEE09031645MHS1	9/3/2010	Bromochloromethane	19	ug/Kg	U
SEE10041138RCM1	10/4/2010	Bromochloromethane	18	ug/Kg	U
SEE09221615JDF1	9/22/2010	Bromochloromethane	18	ug/Kg	U
SEE09191445RCM1	9/19/2010	Bromochloromethane	18	ug/Kg	U
SEE08311010JRP1	8/31/2010	Bromochloromethane	18	ug/Kg	U
SEE09250905RCM1	9/25/2010	Bromochloromethane	17	ug/Kg	U
SEE09200911RCM1	9/20/2010	Bromochloromethane	17	ug/Kg	U
SEE09090900JRP1	9/9/2010	Bromochloromethane	17	ug/Kg	U
SEE09011545MHS1	9/1/2010	Bromochloromethane	17	ug/Kg	U
SEE08281510TWH1	8/28/2010	Bromochloromethane	17	ug/kg	U
SEE10170915JDF1	10/17/2010	Bromochloromethane	16	ug/Kg	U
SEE09291135JDF1	9/29/2010	Bromochloromethane	16	ug/Kg	U
SEE09260930RCM1	9/26/2010	Bromochloromethane	16	ug/Kg	U
SEE09201110ARM1	9/20/2010	Bromochloromethane	15	ug/Kg	U
SEE08301530JAW1	8/30/2010	Bromochloromethane	15	ug/Kg	U
SEE08291550KAP1	8/29/2010	Bromochloromethane	15	ug/kg	U



**TABLE B-2b**  
**Upstream Sediment Samples (Morrow Lake)**

Sample ID	Sample Date	Analyte	Result	Unit	Data Qualifier
SEE10071151RCM1	10/7/2010	Bromochloromethane	14	ug/Kg	U
SEE09211112RCM1	9/21/2010	Bromochloromethane	14	ug/Kg	U
SEE08311348MHS1	8/31/2010	Bromochloromethane	14	ug/Kg	U
SEE08300920JRP1	8/30/2010	Bromochloromethane	14	ug/Kg	U
SEE08261620RCM1	8/26/2010	Bromochloromethane	14	ug/kg	U
SEE10141025ARM1	10/14/2010	Bromochloromethane	12	ug/Kg	U
SEE09130915JRP1	9/13/2010	Bromochloromethane	12	ug/Kg	U
SEE10091200ARM1	10/9/2010	Bromochloromethane	11	ug/Kg	U
SEE09291023RCM1	9/29/2010	Bromochloromethane	11	ug/Kg	U
SEE09171445RCM1	9/17/2010	Bromochloromethane	11	ug/Kg	U
SEE09161035RCM1	9/16/2010	Bromochloromethane	11	ug/Kg	U
SEE09141312RCM1	9/14/2010	Bromochloromethane	10	ug/Kg	U
SEE08291445PML1	8/29/2010	Bromochloromethane	10	ug/kg	U
SEE08291354KAP1	8/29/2010	Bromochloromethane	9.3	ug/kg	U
SEE10051415ARM1	10/5/2010	Bromochloromethane	8.7	ug/Kg	U
SEE09061610JAW1	9/6/2010	Bromochloromethane	8.5	ug/Kg	U
SEE10011125ARM1	10/1/2010	Bromochloromethane	8.2	ug/Kg	U
SEE08261700JRP1	8/26/2010	Bromochloromethane	8.2	ug/Kg	U
SEE09051500MHS1	9/5/2010	Bromochloromethane	8.0	ug/Kg	U
SEE10171535ARM1	10/17/2010	Bromochloromethane	7.9	ug/Kg	U
SEE09231035ARM1	9/23/2010	Bromochloromethane	7.9	ug/Kg	U
SEE09171200ARM1	9/17/2010	Bromochloromethane	7.9	ug/Kg	U
SEE08271614TWH1	8/27/2010	Bromochloromethane	7.8	ug/kg	U
SEE10081035ARM1	10/8/2010	Bromochloromethane	7.6	ug/Kg	U
SEE08271652TWH1	8/27/2010	Bromochloromethane	7.6	ug/kg	U
SEE09100945RCM1	9/10/2010	Bromochloromethane	7.5	ug/Kg	U
SEE09211120ARM1	9/21/2010	Bromochloromethane	7.4	ug/Kg	U
SEB09011143JLS1	9/1/2010	Bromochloromethane	7.1	ug/Kg	U
SEE08301410JRP1	8/30/2010	Bromochloromethane	7.0	ug/Kg	U
SEE09281445RCM1	9/28/2010	Bromochloromethane	6.5	ug/Kg	U
SEE08271536TWH1	8/27/2010	Bromochloromethane	6.3	ug/kg	U
SEE09271500ARM1	9/27/2010	Bromochloromethane	6.2	ug/Kg	U
SEE09170935RCM1	9/17/2010	Bromochloromethane	6.1	ug/Kg	U
SEF10011045TDF1	10/1/2010	Bromochloromethane	6.0	ug/Kg	U
SEE09150915JRP1	9/15/2010	Bromochloromethane	6.0	ug/Kg	U
SEE10011043RCM1	10/1/2010	Bromochloromethane	5.8	ug/Kg	U
SEE09290915MAE1	9/29/2010	Bromochloromethane	5.8	ug/Kg	U
SEE10131035ARM1	10/13/2010	Bromochloromethane	5.5	ug/Kg	U
SEE10071045ARM1	10/7/2010	Bromochloromethane	5.5	ug/Kg	U
SEE10041045ARM1	10/4/2010	Bromochloromethane	5.5	ug/Kg	U
SEF10151030PMB3	10/15/2010	Bromochloromethane	5.4	ug/Kg	U
SEF10081108TDF3	10/8/2010	Bromochloromethane	5.4	ug/Kg	U
SEE09251235ARM1	9/25/2010	Bromochloromethane	5.4	ug/Kg	U
SEE08281540JRP1	8/28/2010	Bromochloromethane	5.4	ug/kg	U
SEF10051206TDF3	10/5/2010	Bromochloromethane	5.3	ug/Kg	U
SEE09140945JRP1	9/14/2010	Bromochloromethane	5.3	ug/Kg	U
SEE09080930JRP1	9/8/2010	Bromochloromethane	5.3	ug/Kg	U
SEE09011515JAW1	9/1/2010	Bromochloromethane	5.3	ug/Kg	U
SEE08301100JRP1	8/30/2010	Bromochloromethane	5.3	ug/Kg	U
SEE10121040ARM1	10/12/2010	Bromochloromethane	5.2	ug/Kg	U
SEF10121130PMB3	10/12/2010	Bromochloromethane	5.2	ug/Kg	U
SEE09221045ARM1	9/22/2010	Bromochloromethane	5.2	ug/Kg	U
SEE09100920JRP1	9/10/2010	Bromochloromethane	5.1	ug/Kg	U
SEB08281400JLS1	8/28/2010	Bromochloromethane	5.1	ug/kg	U
SEE09301025MAE1	9/30/2010	Bromochloromethane	5.0	ug/Kg	U
SEE09051500JAW1	9/5/2010	Bromochloromethane	5.0	ug/Kg	U
SEE10051145RCM1	10/5/2010	Bromochloromethane	4.9	ug/Kg	U
SEE09070930JRP1	9/7/2010	Bromochloromethane	4.9	ug/Kg	U
SEE10061135ARM1	10/6/2010	Bromochloromethane	4.8	ug/Kg	U
SEE10181030JWP1	10/18/2010	Bromochloromethane	4.6	ug/Kg	U

**TABLE B-2b**  
**Upstream Sediment Samples (Morrow Lake)**

Sample ID	Sample Date	Analyte	Result	Unit	Data Qualifier
SEF09281139TDF1	9/28/2010	Bromochloromethane	4.3	ug/Kg	U
SEE09231205RCM1	9/23/2010	Bromochloromethane	3.3	ug/Kg	U
SEE08271445JRP1	8/27/2010	Bromochloromethane	2.8	ug/kg	U
ML-07-S-082510	8/25/2010	Bromochloromethane	0.73	mg/Kg	U
ML-03-S-082510	8/25/2010	Bromochloromethane	0.43	mg/Kg	U
ML-06-S-082510	8/25/2010	Bromochloromethane	0.42	mg/Kg	U
ML-07-S-082410	8/24/2010	Bromochloromethane	0.41	mg/Kg	UJ
ML-06-S-082010	8/20/2010	Bromochloromethane	0.38	mg/Kg	U
ML-08-S-082510	8/25/2010	Bromochloromethane	0.37	mg/Kg	U
ML-08-S-082410	8/24/2010	Bromochloromethane	0.37	mg/Kg	UJ
ML-06-S-082310	8/23/2010	Bromochloromethane	0.37	mg/Kg	U
ML-07-S-082110	8/21/2010	Bromochloromethane	0.37	mg/Kg	U
ML-08-S-082110	8/21/2010	Bromochloromethane	0.37	mg/Kg	U
ML-10-S-082110	8/21/2010	Bromochloromethane	0.37	mg/Kg	U
ML-10-S-082110	8/21/2010	Bromochloromethane	0.37	mg/Kg	U
ML-10-S-081910	8/19/2010	Bromochloromethane	0.37	mg/Kg	U
ML-10-S-081910	8/19/2010	Bromochloromethane	0.37	mg/Kg	U
ML-07-S-081810	8/18/2010	Bromochloromethane	0.37	mg/Kg	UJ
ML-09-S-081810	8/18/2010	Bromochloromethane	0.37	mg/Kg	UJ
ML-10-S-082410	8/24/2010	Bromochloromethane	0.36	mg/Kg	UJ
ML-10-S-082410	8/24/2010	Bromochloromethane	0.36	mg/Kg	UJ
ML-01-S-081610	8/16/2010	Bromochloromethane	0.35	mg/Kg	U
ML-10-S-081610	8/16/2010	Bromochloromethane	0.35	mg/Kg	U
ML-10-S-081610	8/16/2010	Bromochloromethane	0.35	mg/Kg	U
ML-04-S-082410	8/24/2010	Bromochloromethane	0.34	mg/Kg	UJ
ML-03-S-082310	8/23/2010	Bromochloromethane	0.34	mg/Kg	U
ML-10-S-082110-D	8/21/2010	Bromochloromethane	0.34	mg/Kg	U
ML-10-S-082110-D	8/21/2010	Bromochloromethane	0.34	mg/Kg	U
ML-07-S-081610	8/16/2010	Bromochloromethane	0.34	mg/Kg	U
ML-08-S-081610-D	8/16/2010	Bromochloromethane	0.34	mg/Kg	U
ML-04-S-082610	8/26/2010	Bromochloromethane	0.33	mg/Kg	U
ML-05-S-082310	8/23/2010	Bromochloromethane	0.33	mg/Kg	U
ML-05-S-082010	8/20/2010	Bromochloromethane	0.33	mg/Kg	U
ML-10-S-082610	8/26/2010	Bromochloromethane	0.32	mg/Kg	U
ML-10-S-082610	8/26/2010	Bromochloromethane	0.32	mg/Kg	U
ML-06-S-081710	8/17/2010	Bromochloromethane	0.32	mg/Kg	U
ML-08-S-081610	8/16/2010	Bromochloromethane	0.32	mg/Kg	U
ML-01-S-082510	8/25/2010	Bromochloromethane	0.31	mg/Kg	U
ML-09-S-082510	8/25/2010	Bromochloromethane	0.31	mg/Kg	U
ML-09-S-082410	8/24/2010	Bromochloromethane	0.31	mg/Kg	UJ
ML-02-S-081710	8/17/2010	Bromochloromethane	0.31	mg/Kg	U
ML-02-S-082510	8/25/2010	Bromochloromethane	0.28	mg/Kg	U
ML-09-S-082110	8/21/2010	Bromochloromethane	0.28	mg/Kg	U
ML-01-S-082110	8/21/2010	Bromochloromethane	0.27	mg/Kg	U
ML-04-S-081710	8/17/2010	Bromochloromethane	0.27	mg/Kg	U
ML-05-S-081710	8/17/2010	Bromochloromethane	0.27	mg/Kg	U
ML-02-S-082310	8/23/2010	Bromochloromethane	0.25	mg/Kg	U
ML-04-S-082010	8/20/2010	Bromochloromethane	0.25	mg/Kg	U
ML-01-S-081910	8/19/2010	Bromochloromethane	0.25	mg/Kg	U
ML-02-S-082010	8/20/2010	Bromochloromethane	0.22	mg/Kg	U
ML-03-S-081610	8/16/2010	Bromochloromethane	0.22	mg/Kg	U
ML-03-S-082010	8/20/2010	Bromochloromethane	0.19	mg/Kg	U
ML-05-S-082610	8/26/2010	Bromochloromethane	0.17	mg/Kg	U
SEE10211035JDF1	10/21/2010	Bromodichloromethane	930	ug/Kg	U
SEE10191515JDF1	10/19/2010	Bromodichloromethane	850	ug/Kg	U
SEE10191005JDF1	10/19/2010	Bromodichloromethane	820	ug/Kg	U
SEE10211430JDF1	10/21/2010	Bromodichloromethane	810	ug/Kg	U
SEE10221110JDF1	10/22/2010	Bromodichloromethane	790	ug/Kg	U
SEE10221110JDF1	10/22/2010	Bromodichloromethane	790	ug/Kg	U
SEE10191415JDF1	10/19/2010	Bromodichloromethane	760	ug/Kg	U

**TABLE B-2b**  
**Upstream Sediment Samples (Morrow Lake)**

Sample ID	Sample Date	Analyte	Result	Unit	Data Qualifier
SEE10191155JDF1	10/19/2010	Bromodichloromethane	730	ug/Kg	U
SEE10211010JWP1	10/21/2010	Bromodichloromethane	710	ug/Kg	U
SEE10191100JDF1	10/19/2010	Bromodichloromethane	710	ug/Kg	U
SEE10221055DWS1	10/22/2010	Bromodichloromethane	680	ug/Kg	U
SEE10191010JWP1	10/19/2010	Bromodichloromethane	680	ug/Kg	U
SEE10221450DWS1	10/22/2010	Bromodichloromethane	370	ug/Kg	U
SEE10211345JWP1	10/21/2010	Bromodichloromethane	330	ug/Kg	U
SEE10141015JDF1	10/14/2010	Bromodichloromethane	280	ug/Kg	U
SEF10221050MAE3	10/22/2010	Bromodichloromethane	230	ug/Kg	U
SEF10191135NAC3	10/19/2010	Bromodichloromethane	220	ug/Kg	U
SEE10191115JWP1	10/19/2010	Bromodichloromethane	200	ug/Kg	U
SEE09200945PML1	9/20/2010	Bromodichloromethane	60	ug/Kg	U
SEE09200945PML1	9/20/2010	Bromodichloromethane	60	ug/Kg	U
SEE09201115RCM1	9/20/2010	Bromodichloromethane	58	ug/Kg	U
SEE09201645ARM1	9/20/2010	Bromodichloromethane	48	ug/Kg	U
SEE10071042RCM1	10/7/2010	Bromodichloromethane	45	ug/Kg	U
SEE09061500PML1	9/6/2010	Bromodichloromethane	45	ug/Kg	U
SEE08281607TWH1	8/28/2010	Bromodichloromethane	44	ug/kg	U
SEE09301105JDF1	9/30/2010	Bromodichloromethane	42	ug/Kg	U
SEE09181705PML1	9/18/2010	Bromodichloromethane	42	ug/Kg	U
SEE09021400PML1	9/2/2010	Bromodichloromethane	41	ug/Kg	U
SEE08301130PML1	8/30/2010	Bromodichloromethane	41	ug/Kg	U
SEE10091401PML1	10/9/2010	Bromodichloromethane	40	ug/Kg	U
SEE10181035JDF1	10/18/2010	Bromodichloromethane	39	ug/Kg	U
SEE10051125PML1	10/5/2010	Bromodichloromethane	39	ug/Kg	U
SEE08311045PML1	8/31/2010	Bromodichloromethane	39	ug/Kg	U
SEE10141555ARM1	10/14/2010	Bromodichloromethane	38	ug/Kg	U
SEE09101215PML1	9/10/2010	Bromodichloromethane	38	ug/Kg	U
SEE10161530JDF1	10/16/2010	Bromodichloromethane	37	ug/Kg	U
SEE10081115PML1	10/8/2010	Bromodichloromethane	37	ug/Kg	U
SEE09030925PML1	9/3/2010	Bromodichloromethane	37	ug/Kg	U
SEE09031115JAW1	9/3/2010	Bromodichloromethane	37	ug/Kg	U
SEE08281505PML1	8/28/2010	Bromodichloromethane	37	ug/kg	U
SEE10171410JDF1	10/17/2010	Bromodichloromethane	36	ug/Kg	U
SEE09191530PML1	9/19/2010	Bromodichloromethane	36	ug/Kg	U
SEE09181235PML1	9/18/2010	Bromodichloromethane	36	ug/Kg	U
SEE09141135PML1	9/14/2010	Bromodichloromethane	36	ug/Kg	U
SEE09101022PML1	9/10/2010	Bromodichloromethane	36	ug/Kg	U
SEE10171115JDF1	10/17/2010	Bromodichloromethane	35	ug/Kg	U
SEE08311420PML1	8/31/2010	Bromodichloromethane	35	ug/Kg	U
SEE08311420PML1	8/31/2010	Bromodichloromethane	35	ug/Kg	U
SEE08271215PML1	8/27/2010	Bromodichloromethane	35	ug/kg	U
SEE10041530JDF1	10/4/2010	Bromodichloromethane	34	ug/Kg	U
SEE09121105RCM1	9/12/2010	Bromodichloromethane	34	ug/Kg	U
SEE09011545PML1	9/1/2010	Bromodichloromethane	34	ug/Kg	U
SEE08301550PML1	8/30/2010	Bromodichloromethane	34	ug/Kg	U
SEE10181210JDF1	10/18/2010	Bromodichloromethane	33	ug/Kg	U
SEE10181430JWP1	10/18/2010	Bromodichloromethane	33	ug/Kg	U
SEE10181510JDF1	10/18/2010	Bromodichloromethane	33	ug/Kg	U
SEE10181510JDF1	10/18/2010	Bromodichloromethane	33	ug/Kg	U
SEE10131150JDF1	10/13/2010	Bromodichloromethane	33	ug/Kg	U
SEE10101010PML1	10/10/2010	Bromodichloromethane	33	ug/Kg	U
SEE10101215PML1	10/10/2010	Bromodichloromethane	33	ug/Kg	U
SEE10101215PML1	10/10/2010	Bromodichloromethane	33	ug/Kg	U
SEE09140945PML1	9/14/2010	Bromodichloromethane	33	ug/Kg	U
SEE09061525MHS1	9/6/2010	Bromodichloromethane	33	ug/Kg	U
SEE09051130PML1	9/5/2010	Bromodichloromethane	33	ug/Kg	U
SEE09031100PML1	9/3/2010	Bromodichloromethane	33	ug/Kg	U
SEE09021010PML1	9/2/2010	Bromodichloromethane	33	ug/Kg	U
SEE08281630RCM1	8/28/2010	Bromodichloromethane	33	ug/kg	U

**TABLE B-2b**  
**Upstream Sediment Samples (Morrow Lake)**

Sample ID	Sample Date	Analyte	Result	Unit	Data Qualifier
SEE10031115JDF1	10/3/2010	Bromodichloromethane	32	ug/Kg	U
SEE10031115JDF1	10/3/2010	Bromodichloromethane	32	ug/Kg	U
SEE09301205RCM1	9/30/2010	Bromodichloromethane	32	ug/Kg	U
SEE09301255JDF1	9/30/2010	Bromodichloromethane	32	ug/Kg	U
SEE09231645JDF1	9/23/2010	Bromodichloromethane	32	ug/Kg	U
SEE09141515PML1	9/14/2010	Bromodichloromethane	32	ug/Kg	U
SEE09101625PML1	9/10/2010	Bromodichloromethane	32	ug/Kg	U
SEE09091005RCM1	9/9/2010	Bromodichloromethane	32	ug/Kg	U
SEE09061105PML1	9/6/2010	Bromodichloromethane	32	ug/Kg	U
SEE09031650PML1	9/3/2010	Bromodichloromethane	32	ug/Kg	U
SEE09031650PML1	9/3/2010	Bromodichloromethane	32	ug/Kg	U
SEE10081231PML1	10/8/2010	Bromodichloromethane	31	ug/Kg	U
SEE09231210JDF1	9/23/2010	Bromodichloromethane	31	ug/Kg	U
SEE09161045PML1	9/16/2010	Bromodichloromethane	31	ug/Kg	U
SEE09081205PML1	9/8/2010	Bromodichloromethane	31	ug/Kg	U
SEE09071050PML1	9/7/2010	Bromodichloromethane	31	ug/Kg	U
SEE08301145MHS1	8/30/2010	Bromodichloromethane	31	ug/Kg	U
SEE10161115ARM1	10/16/2010	Bromodichloromethane	30	ug/Kg	U
SEE10120930JDF1	10/12/2010	Bromodichloromethane	30	ug/Kg	U
SEE10071101PML1	10/7/2010	Bromodichloromethane	30	ug/Kg	U
SEE09261625JDF1	9/26/2010	Bromodichloromethane	30	ug/Kg	U
SEE09261625JDF1	9/26/2010	Bromodichloromethane	30	ug/Kg	U
SEE09131445RCM1	9/13/2010	Bromodichloromethane	30	ug/Kg	U
SEE09121055PML1	9/12/2010	Bromodichloromethane	30	ug/Kg	U
SEE09121055PML1	9/12/2010	Bromodichloromethane	30	ug/Kg	U
SEE09121436RCM1	9/12/2010	Bromodichloromethane	30	ug/Kg	U
SEE09091410RCM1	9/9/2010	Bromodichloromethane	30	ug/Kg	U
SEE09011050PML1	9/1/2010	Bromodichloromethane	30	ug/Kg	U
SEE10081051RCM1	10/8/2010	Bromodichloromethane	29	ug/Kg	U
SEE10061640PML1	10/6/2010	Bromodichloromethane	29	ug/Kg	U
SEE10061640PML1	10/6/2010	Bromodichloromethane	29	ug/Kg	U
SEE10051653PML1	10/5/2010	Bromodichloromethane	29	ug/Kg	U
SEE09261215JDF1	9/26/2010	Bromodichloromethane	29	ug/Kg	U
SEE09231130ARM1	9/23/2010	Bromodichloromethane	29	ug/Kg	U
SEE09191040PML1	9/19/2010	Bromodichloromethane	29	ug/Kg	U
SEE09131026RCM1	9/13/2010	Bromodichloromethane	29	ug/Kg	U
SEE09131505PML1	9/13/2010	Bromodichloromethane	29	ug/Kg	U
SEE09040950PML1	9/4/2010	Bromodichloromethane	29	ug/Kg	U
SEE10011120JDF1	10/1/2010	Bromodichloromethane	28	ug/Kg	U
SEE09211155JDF1	9/21/2010	Bromodichloromethane	28	ug/Kg	U
SEE09171415PML1	9/17/2010	Bromodichloromethane	28	ug/Kg	U
SEE09151145PML1	9/15/2010	Bromodichloromethane	28	ug/Kg	U
SEE09151145PML1	9/15/2010	Bromodichloromethane	28	ug/Kg	U
SEE09131620PML1	9/13/2010	Bromodichloromethane	28	ug/Kg	U
SEE09121450PML1	9/12/2010	Bromodichloromethane	28	ug/Kg	U
SEE09091515PML1	9/9/2010	Bromodichloromethane	28	ug/Kg	U
SEE09081010PML1	9/8/2010	Bromodichloromethane	28	ug/Kg	U
SEE09081020RCM1	9/8/2010	Bromodichloromethane	28	ug/Kg	U
SEE09011255PML1	9/1/2010	Bromodichloromethane	28	ug/Kg	U
SEE08301015JRP1	8/30/2010	Bromodichloromethane	28	ug/Kg	U
SEE08261420RCM1	8/26/2010	Bromodichloromethane	28	ug/kg	U
SEE10091614PML1	10/9/2010	Bromodichloromethane	27	ug/Kg	U
SEE10061205PML1	10/6/2010	Bromodichloromethane	27	ug/Kg	U
SEE10041150JDF1	10/4/2010	Bromodichloromethane	27	ug/Kg	U
SEE09251135JDF1	9/25/2010	Bromodichloromethane	27	ug/Kg	U
SEE09221440JDF1	9/22/2010	Bromodichloromethane	27	ug/Kg	U
SEE09170839RCM1	9/17/2010	Bromodichloromethane	27	ug/Kg	U
SEE09151015PML1	9/15/2010	Bromodichloromethane	27	ug/Kg	U
SEE08291110PML1	8/29/2010	Bromodichloromethane	27	ug/kg	U
SEE10141150JDF1	10/14/2010	Bromodichloromethane	26	ug/Kg	U

**TABLE B-2b**  
**Upstream Sediment Samples (Morrow Lake)**

Sample ID	Sample Date	Analyte	Result	Unit	Data Qualifier
SEE10141550JDF1	10/14/2010	Bromodichloromethane	26	ug/Kg	U
SEE10141550JDF1	10/14/2010	Bromodichloromethane	26	ug/Kg	U
SEE10121155JDF1	10/12/2010	Bromodichloromethane	26	ug/Kg	U
SEE09271130JDF1	9/27/2010	Bromodichloromethane	26	ug/Kg	U
SEE09131125PML1	9/13/2010	Bromodichloromethane	26	ug/Kg	U
SEE09091010PML1	9/9/2010	Bromodichloromethane	26	ug/Kg	U
SEE09091145PML1	9/9/2010	Bromodichloromethane	26	ug/Kg	U
SEE09091410PML1	9/9/2010	Bromodichloromethane	26	ug/Kg	U
SEE09061130MHS1	9/6/2010	Bromodichloromethane	26	ug/Kg	U
SEE09011145PML1	9/1/2010	Bromodichloromethane	26	ug/Kg	U
SEE08301638MHS1	8/30/2010	Bromodichloromethane	26	ug/Kg	U
SEE10151055ARM1	10/15/2010	Bromodichloromethane	25	ug/Kg	U
SEE10121415ARM1	10/12/2010	Bromodichloromethane	25	ug/Kg	U
SEE10111125JDF1	10/11/2010	Bromodichloromethane	25	ug/Kg	U
SEE10031425JDF1	10/3/2010	Bromodichloromethane	25	ug/Kg	U
SEE09291035JDF1	9/29/2010	Bromodichloromethane	25	ug/Kg	U
SEE09220935RCM1	9/22/2010	Bromodichloromethane	25	ug/Kg	U
SEE09111015PML1	9/11/2010	Bromodichloromethane	25	ug/Kg	U
SEE09051015PML1	9/5/2010	Bromodichloromethane	25	ug/Kg	U
SEE08301445JRP1	8/30/2010	Bromodichloromethane	25	ug/Kg	U
SEE10161415JDF1	10/16/2010	Bromodichloromethane	24	ug/Kg	U
SEE10040945JDF1	10/4/2010	Bromodichloromethane	24	ug/Kg	U
SEE09230955RCM1	9/23/2010	Bromodichloromethane	24	ug/Kg	U
SEE09211530JDF1	9/21/2010	Bromodichloromethane	24	ug/Kg	U
SEE09170945PML1	9/17/2010	Bromodichloromethane	24	ug/Kg	U
SEE09171125PML1	9/17/2010	Bromodichloromethane	24	ug/Kg	U
SEE09130955JRP1	9/13/2010	Bromodichloromethane	24	ug/Kg	U
SEE09091605PML1	9/9/2010	Bromodichloromethane	24	ug/Kg	U
SEE09041350PML1	9/4/2010	Bromodichloromethane	24	ug/Kg	U
SEE10071205PML1	10/7/2010	Bromodichloromethane	23	ug/Kg	U
SEE10071540PML1	10/7/2010	Bromodichloromethane	23	ug/Kg	U
SEE10041335JDF1	10/4/2010	Bromodichloromethane	23	ug/Kg	U
SEE09271025ARM1	9/27/2010	Bromodichloromethane	23	ug/Kg	U
SEE09171530PML1	9/17/2010	Bromodichloromethane	23	ug/Kg	U
SEE09051430PML1	9/5/2010	Bromodichloromethane	23	ug/Kg	U
SEE08271500PML1	8/27/2010	Bromodichloromethane	23	ug/kg	U
SEE10150945JDF1	10/15/2010	Bromodichloromethane	22	ug/Kg	U
SEE10111011JDF1	10/11/2010	Bromodichloromethane	22	ug/Kg	U
SEE10111350JDF1	10/11/2010	Bromodichloromethane	22	ug/Kg	U
SEE10061051RCM1	10/6/2010	Bromodichloromethane	22	ug/Kg	U
SEE10041355ARM1	10/4/2010	Bromodichloromethane	22	ug/Kg	U
SEE09271515JDF1	9/27/2010	Bromodichloromethane	22	ug/Kg	U
SEE09221105JDF1	9/22/2010	Bromodichloromethane	22	ug/Kg	U
SEE09130940PML1	9/13/2010	Bromodichloromethane	22	ug/Kg	U
SEE08281215PML1	8/28/2010	Bromodichloromethane	22	ug/kg	U
SEE10121030JDF1	10/12/2010	Bromodichloromethane	21	ug/Kg	U
SEE09290925JDF1	9/29/2010	Bromodichloromethane	21	ug/Kg	U
SEE09091025JRP1	9/9/2010	Bromodichloromethane	21	ug/Kg	U
SEE09011635PML1	9/1/2010	Bromodichloromethane	21	ug/Kg	U
SEE08301520JRP1	8/30/2010	Bromodichloromethane	21	ug/Kg	U
SEE08281420TWH1	8/28/2010	Bromodichloromethane	21	ug/kg	U
SEE08261445JRP1	8/26/2010	Bromodichloromethane	21	ug/Kg	U
SEE10161055JDF1	10/16/2010	Bromodichloromethane	20	ug/Kg	U
SEE10151355ARM1	10/15/2010	Bromodichloromethane	20	ug/Kg	U
SEE10071415ARM1	10/7/2010	Bromodichloromethane	20	ug/Kg	U
SEE09031140MHS1	9/3/2010	Bromodichloromethane	20	ug/Kg	U
SEE08291421KAP1	8/29/2010	Bromodichloromethane	20	ug/kg	U
SEE08271145RCM1	8/27/2010	Bromodichloromethane	20	ug/kg	U
SEE10041050JDF1	10/4/2010	Bromodichloromethane	19	ug/Kg	U
SEE09301255MAE1	9/30/2010	Bromodichloromethane	19	ug/Kg	U

**TABLE B-2b**  
**Upstream Sediment Samples (Morrow Lake)**

Sample ID	Sample Date	Analyte	Result	Unit	Data Qualifier
SEE09291645JDF1	9/29/2010	Bromodichloromethane	19	ug/Kg	U
SEE09051550MHS1	9/5/2010	Bromodichloromethane	19	ug/Kg	U
SEE09031645MHS1	9/3/2010	Bromodichloromethane	19	ug/Kg	U
SEE10041138RCM1	10/4/2010	Bromodichloromethane	18	ug/Kg	U
SEE09221615JDF1	9/22/2010	Bromodichloromethane	18	ug/Kg	U
SEE09191445RCM1	9/19/2010	Bromodichloromethane	18	ug/Kg	U
SEE08311010JRP1	8/31/2010	Bromodichloromethane	18	ug/Kg	U
SEE09250905RCM1	9/25/2010	Bromodichloromethane	17	ug/Kg	U
SEE09200911RCM1	9/20/2010	Bromodichloromethane	17	ug/Kg	U
SEE09090900JRP1	9/9/2010	Bromodichloromethane	17	ug/Kg	U
SEE09011545MHS1	9/1/2010	Bromodichloromethane	17	ug/Kg	U
SEE08281510TWH1	8/28/2010	Bromodichloromethane	17	ug/kg	U
SEE10170915JDF1	10/17/2010	Bromodichloromethane	16	ug/Kg	U
SEE09291135JDF1	9/29/2010	Bromodichloromethane	16	ug/Kg	U
SEE09260930RCM1	9/26/2010	Bromodichloromethane	16	ug/Kg	U
SEE09201110ARM1	9/20/2010	Bromodichloromethane	15	ug/Kg	U
SEE08301530JAW1	8/30/2010	Bromodichloromethane	15	ug/Kg	U
SEE08291550KAP1	8/29/2010	Bromodichloromethane	15	ug/kg	U
SEE10071151RCM1	10/7/2010	Bromodichloromethane	14	ug/Kg	U
SEE09211112RCM1	9/21/2010	Bromodichloromethane	14	ug/Kg	U
SEE08311348MHS1	8/31/2010	Bromodichloromethane	14	ug/Kg	U
SEE08300920JRP1	8/30/2010	Bromodichloromethane	14	ug/Kg	U
SEE08261620RCM1	8/26/2010	Bromodichloromethane	14	ug/kg	U
SEE10141025ARM1	10/14/2010	Bromodichloromethane	12	ug/Kg	U
SEE09130915JRP1	9/13/2010	Bromodichloromethane	12	ug/Kg	U
SEE10091200ARM1	10/9/2010	Bromodichloromethane	11	ug/Kg	U
SEE09291023RCM1	9/29/2010	Bromodichloromethane	11	ug/Kg	U
SEE09171445RCM1	9/17/2010	Bromodichloromethane	11	ug/Kg	U
SEE09161035RCM1	9/16/2010	Bromodichloromethane	11	ug/Kg	U
SEE09141312RCM1	9/14/2010	Bromodichloromethane	10	ug/Kg	U
SEE08291445PML1	8/29/2010	Bromodichloromethane	10	ug/kg	U
SEE08291354KAP1	8/29/2010	Bromodichloromethane	9.3	ug/kg	U
SEE10051415ARM1	10/5/2010	Bromodichloromethane	8.7	ug/Kg	U
SEE09061610JAW1	9/6/2010	Bromodichloromethane	8.5	ug/Kg	U
SEE10011125ARM1	10/1/2010	Bromodichloromethane	8.2	ug/Kg	U
SEE08261700JRP1	8/26/2010	Bromodichloromethane	8.2	ug/Kg	U
SEE09051500MHS1	9/5/2010	Bromodichloromethane	8.0	ug/Kg	U
SEE10171535ARM1	10/17/2010	Bromodichloromethane	7.9	ug/Kg	U
SEE09231035ARM1	9/23/2010	Bromodichloromethane	7.9	ug/Kg	U
SEE09171200ARM1	9/17/2010	Bromodichloromethane	7.9	ug/Kg	U
SEE08271614TWH1	8/27/2010	Bromodichloromethane	7.8	ug/kg	U
SEE10081035ARM1	10/8/2010	Bromodichloromethane	7.6	ug/Kg	U
SEE08271652TWH1	8/27/2010	Bromodichloromethane	7.6	ug/kg	U
SEE09100945RCM1	9/10/2010	Bromodichloromethane	7.5	ug/Kg	U
SEE09211120ARM1	9/21/2010	Bromodichloromethane	7.4	ug/Kg	U
SEB09011143JLS1	9/1/2010	Bromodichloromethane	7.1	ug/Kg	U
SEE08301410JRP1	8/30/2010	Bromodichloromethane	7.0	ug/Kg	U
SEE09281445RCM1	9/28/2010	Bromodichloromethane	6.5	ug/Kg	U
SEE08271536TWH1	8/27/2010	Bromodichloromethane	6.3	ug/kg	U
SEE09271500ARM1	9/27/2010	Bromodichloromethane	6.2	ug/Kg	U
SEE09170935RCM1	9/17/2010	Bromodichloromethane	6.1	ug/Kg	U
SEF10011045TDF1	10/1/2010	Bromodichloromethane	6.0	ug/Kg	U
SEE09150915JRP1	9/15/2010	Bromodichloromethane	6.0	ug/Kg	U
SEE10011043RCM1	10/1/2010	Bromodichloromethane	5.8	ug/Kg	U
SEE09290915MAE1	9/29/2010	Bromodichloromethane	5.8	ug/Kg	U
SEE10131035ARM1	10/13/2010	Bromodichloromethane	5.5	ug/Kg	U
SEE10071045ARM1	10/7/2010	Bromodichloromethane	5.5	ug/Kg	U
SEE10041045ARM1	10/4/2010	Bromodichloromethane	5.5	ug/Kg	U
SEF10151030PMB3	10/15/2010	Bromodichloromethane	5.4	ug/Kg	U
SEF10081108TDF3	10/8/2010	Bromodichloromethane	5.4	ug/Kg	U

**TABLE B-2b**  
**Upstream Sediment Samples (Morrow Lake)**

Sample ID	Sample Date	Analyte	Result	Unit	Data Qualifier
SEE09251235ARM1	9/25/2010	Bromodichloromethane	5.4	ug/Kg	U
SEE08281540JRP1	8/28/2010	Bromodichloromethane	5.4	ug/kg	U
SEF10051206TDF3	10/5/2010	Bromodichloromethane	5.3	ug/Kg	U
SEE09140945JRP1	9/14/2010	Bromodichloromethane	5.3	ug/Kg	U
SEE09080930JRP1	9/8/2010	Bromodichloromethane	5.3	ug/Kg	U
SEE09011515JAW1	9/1/2010	Bromodichloromethane	5.3	ug/Kg	U
SEE08301100JRP1	8/30/2010	Bromodichloromethane	5.3	ug/Kg	U
SEE10121040ARM1	10/12/2010	Bromodichloromethane	5.2	ug/Kg	U
SEF10121130PMB3	10/12/2010	Bromodichloromethane	5.2	ug/Kg	U
SEE09221045ARM1	9/22/2010	Bromodichloromethane	5.2	ug/Kg	U
SEE09100920JRP1	9/10/2010	Bromodichloromethane	5.1	ug/Kg	U
SEB08281400JLS1	8/28/2010	Bromodichloromethane	5.1	ug/kg	U
SEE09301025MAE1	9/30/2010	Bromodichloromethane	5.0	ug/Kg	U
SEE09051500JAW1	9/5/2010	Bromodichloromethane	5.0	ug/Kg	U
SEE10051145RCM1	10/5/2010	Bromodichloromethane	4.9	ug/Kg	U
SEE09070930JRP1	9/7/2010	Bromodichloromethane	4.9	ug/Kg	U
SEE10061135ARM1	10/6/2010	Bromodichloromethane	4.8	ug/Kg	U
SEE10181030JWP1	10/18/2010	Bromodichloromethane	4.6	ug/Kg	U
SEF09281139TDF1	9/28/2010	Bromodichloromethane	4.3	ug/Kg	U
SEE09231205RCM1	9/23/2010	Bromodichloromethane	3.3	ug/Kg	U
SEE08271445JRP1	8/27/2010	Bromodichloromethane	2.8	ug/kg	U
ML-07-S-082510	8/25/2010	Bromodichloromethane	0.73	mg/Kg	U
ML-03-S-082510	8/25/2010	Bromodichloromethane	0.43	mg/Kg	U
ML-06-S-082510	8/25/2010	Bromodichloromethane	0.42	mg/Kg	U
ML-07-S-082410	8/24/2010	Bromodichloromethane	0.41	mg/Kg	UJ
ML-06-S-082010	8/20/2010	Bromodichloromethane	0.38	mg/Kg	U
ML-08-S-082510	8/25/2010	Bromodichloromethane	0.37	mg/Kg	U
ML-08-S-082410	8/24/2010	Bromodichloromethane	0.37	mg/Kg	UJ
ML-06-S-082310	8/23/2010	Bromodichloromethane	0.37	mg/Kg	U
ML-07-S-082110	8/21/2010	Bromodichloromethane	0.37	mg/Kg	U
ML-08-S-082110	8/21/2010	Bromodichloromethane	0.37	mg/Kg	U
ML-10-S-082110	8/21/2010	Bromodichloromethane	0.37	mg/Kg	U
ML-10-S-082110	8/21/2010	Bromodichloromethane	0.37	mg/Kg	U
ML-10-S-081910	8/19/2010	Bromodichloromethane	0.37	mg/Kg	U
ML-10-S-081910	8/19/2010	Bromodichloromethane	0.37	mg/Kg	U
ML-07-S-081810	8/18/2010	Bromodichloromethane	0.37	mg/Kg	UJ
ML-09-S-081810	8/18/2010	Bromodichloromethane	0.37	mg/Kg	UJ
ML-10-S-082410	8/24/2010	Bromodichloromethane	0.36	mg/Kg	UJ
ML-10-S-082410	8/24/2010	Bromodichloromethane	0.36	mg/Kg	UJ
ML-01-S-081610	8/16/2010	Bromodichloromethane	0.35	mg/Kg	U
ML-10-S-081610	8/16/2010	Bromodichloromethane	0.35	mg/Kg	U
ML-10-S-081610	8/16/2010	Bromodichloromethane	0.35	mg/Kg	U
ML-04-S-082410	8/24/2010	Bromodichloromethane	0.34	mg/Kg	UJ
ML-03-S-082310	8/23/2010	Bromodichloromethane	0.34	mg/Kg	U
ML-10-S-082110-D	8/21/2010	Bromodichloromethane	0.34	mg/Kg	U
ML-10-S-082110-D	8/21/2010	Bromodichloromethane	0.34	mg/Kg	U
ML-07-S-081610	8/16/2010	Bromodichloromethane	0.34	mg/Kg	U
ML-08-S-081610-D	8/16/2010	Bromodichloromethane	0.34	mg/Kg	U
ML-04-S-082610	8/26/2010	Bromodichloromethane	0.33	mg/Kg	U
ML-05-S-082310	8/23/2010	Bromodichloromethane	0.33	mg/Kg	U
ML-05-S-082010	8/20/2010	Bromodichloromethane	0.33	mg/Kg	U
ML-10-S-082610	8/26/2010	Bromodichloromethane	0.32	mg/Kg	U
ML-10-S-082610	8/26/2010	Bromodichloromethane	0.32	mg/Kg	U
ML-06-S-081710	8/17/2010	Bromodichloromethane	0.32	mg/Kg	U
ML-08-S-081610	8/16/2010	Bromodichloromethane	0.32	mg/Kg	U
ML-01-S-082510	8/25/2010	Bromodichloromethane	0.31	mg/Kg	U
ML-09-S-082510	8/25/2010	Bromodichloromethane	0.31	mg/Kg	U
ML-09-S-082410	8/24/2010	Bromodichloromethane	0.31	mg/Kg	UJ
ML-02-S-081710	8/17/2010	Bromodichloromethane	0.31	mg/Kg	U
ML-02-S-082510	8/25/2010	Bromodichloromethane	0.28	mg/Kg	U

**TABLE B-2b**  
**Upstream Sediment Samples (Morrow Lake)**

Sample ID	Sample Date	Analyte	Result	Unit	Data Qualifier
ML-09-S-082110	8/21/2010	Bromodichloromethane	0.28	mg/Kg	U
ML-01-S-082110	8/21/2010	Bromodichloromethane	0.27	mg/Kg	U
ML-04-S-081710	8/17/2010	Bromodichloromethane	0.27	mg/Kg	U
ML-05-S-081710	8/17/2010	Bromodichloromethane	0.27	mg/Kg	U
ML-02-S-082310	8/23/2010	Bromodichloromethane	0.25	mg/Kg	U
ML-04-S-082010	8/20/2010	Bromodichloromethane	0.25	mg/Kg	U
ML-01-S-081910	8/19/2010	Bromodichloromethane	0.25	mg/Kg	U
ML-02-S-082010	8/20/2010	Bromodichloromethane	0.22	mg/Kg	U
ML-03-S-081610	8/16/2010	Bromodichloromethane	0.22	mg/Kg	U
ML-03-S-082010	8/20/2010	Bromodichloromethane	0.19	mg/Kg	U
ML-05-S-082610	8/26/2010	Bromodichloromethane	0.17	mg/Kg	U
SEE10211035JDF1	10/21/2010	Bromoform	620	ug/Kg	U
SEE10191515JDF1	10/19/2010	Bromoform	560	ug/Kg	U
SEE10211430JDF1	10/21/2010	Bromoform	540	ug/Kg	U
SEE10191005JDF1	10/19/2010	Bromoform	540	ug/Kg	U
SEE10221110JDF1	10/22/2010	Bromoform	530	ug/Kg	U
SEE10221110JDF1	10/22/2010	Bromoform	530	ug/Kg	U
SEE10191415JDF1	10/19/2010	Bromoform	510	ug/Kg	U
SEE10191155JDF1	10/19/2010	Bromoform	490	ug/Kg	U
SEE10211010JWP1	10/21/2010	Bromoform	470	ug/Kg	U
SEE10191100JDF1	10/19/2010	Bromoform	470	ug/Kg	U
SEE10221055DWS1	10/22/2010	Bromoform	450	ug/Kg	U
SEE10191010JWP1	10/19/2010	Bromoform	450	ug/Kg	U
SEE10141015JDF1	10/14/2010	Bromoform	280	ug/Kg	U
SEE10221450DWS1	10/22/2010	Bromoform	240	ug/Kg	U
SEE10211345JWP1	10/21/2010	Bromoform	220	ug/Kg	U
SEF10221050MAE3	10/22/2010	Bromoform	150	ug/Kg	U
SEF10191135NAC3	10/19/2010	Bromoform	150	ug/Kg	U
SEE10191115JWP1	10/19/2010	Bromoform	130	ug/Kg	U
SEE09200945PML1	9/20/2010	Bromoform	60	ug/Kg	U
SEE09200945PML1	9/20/2010	Bromoform	60	ug/Kg	U
SEE09201115RCM1	9/20/2010	Bromoform	58	ug/Kg	U
SEE09201645ARM1	9/20/2010	Bromoform	48	ug/Kg	U
SEE10071042RCM1	10/7/2010	Bromoform	45	ug/Kg	U
SEE09061500PML1	9/6/2010	Bromoform	45	ug/Kg	U
SEE08281607TWH1	8/28/2010	Bromoform	44	ug/kg	U
SEE09301105JDF1	9/30/2010	Bromoform	42	ug/Kg	U
SEE09181705PML1	9/18/2010	Bromoform	42	ug/Kg	U
SEE09021400PML1	9/2/2010	Bromoform	41	ug/Kg	U
SEE08301130PML1	8/30/2010	Bromoform	41	ug/Kg	U
SEE10091401PML1	10/9/2010	Bromoform	40	ug/Kg	U
SEE10181035JDF1	10/18/2010	Bromoform	39	ug/Kg	U
SEE10051125PML1	10/5/2010	Bromoform	39	ug/Kg	U
SEE08311045PML1	8/31/2010	Bromoform	39	ug/Kg	U
SEE10141555ARM1	10/14/2010	Bromoform	38	ug/Kg	U
SEE09101215PML1	9/10/2010	Bromoform	38	ug/Kg	U
SEE10161530JDF1	10/16/2010	Bromoform	37	ug/Kg	U
SEE10081115PML1	10/8/2010	Bromoform	37	ug/Kg	U
SEE09030925PML1	9/3/2010	Bromoform	37	ug/Kg	U
SEE09031115JAW1	9/3/2010	Bromoform	37	ug/Kg	U
SEE08281505PML1	8/28/2010	Bromoform	37	ug/kg	U
SEE10171410JDF1	10/17/2010	Bromoform	36	ug/Kg	U
SEE09191530PML1	9/19/2010	Bromoform	36	ug/Kg	U
SEE09181235PML1	9/18/2010	Bromoform	36	ug/Kg	U
SEE09141135PML1	9/14/2010	Bromoform	36	ug/Kg	U
SEE09101022PML1	9/10/2010	Bromoform	36	ug/Kg	U
SEE10171115JDF1	10/17/2010	Bromoform	35	ug/Kg	U
SEE08311420PML1	8/31/2010	Bromoform	35	ug/Kg	U
SEE08311420PML1	8/31/2010	Bromoform	35	ug/Kg	U
SEE08271215PML1	8/27/2010	Bromoform	35	ug/kg	U



**TABLE B-2b**  
**Upstream Sediment Samples (Morrow Lake)**

Sample ID	Sample Date	Analyte	Result	Unit	Data Qualifier
SEE10041530JDF1	10/4/2010	Bromoform	34	ug/Kg	U
SEE09121105RCM1	9/12/2010	Bromoform	34	ug/Kg	U
SEE09011545PML1	9/1/2010	Bromoform	34	ug/Kg	U
SEE08301550PML1	8/30/2010	Bromoform	34	ug/Kg	U
SEE10181210JDF1	10/18/2010	Bromoform	33	ug/Kg	U
SEE10181430JWP1	10/18/2010	Bromoform	33	ug/Kg	U
SEE10181510JDF1	10/18/2010	Bromoform	33	ug/Kg	U
SEE10181510JDF1	10/18/2010	Bromoform	33	ug/Kg	U
SEE10131150JDF1	10/13/2010	Bromoform	33	ug/Kg	U
SEE10101010PML1	10/10/2010	Bromoform	33	ug/Kg	U
SEE10101215PML1	10/10/2010	Bromoform	33	ug/Kg	U
SEE10101215PML1	10/10/2010	Bromoform	33	ug/Kg	U
SEE09140945PML1	9/14/2010	Bromoform	33	ug/Kg	U
SEE09061525MHS1	9/6/2010	Bromoform	33	ug/Kg	U
SEE09051130PML1	9/5/2010	Bromoform	33	ug/Kg	U
SEE09031100PML1	9/3/2010	Bromoform	33	ug/Kg	U
SEE09021010PML1	9/2/2010	Bromoform	33	ug/Kg	U
SEE08281630RCM1	8/28/2010	Bromoform	33	ug/kg	U
SEE10031115JDF1	10/3/2010	Bromoform	32	ug/Kg	U
SEE10031115JDF1	10/3/2010	Bromoform	32	ug/Kg	U
SEE09301205RCM1	9/30/2010	Bromoform	32	ug/Kg	U
SEE09301255JDF1	9/30/2010	Bromoform	32	ug/Kg	U
SEE09231645JDF1	9/23/2010	Bromoform	32	ug/Kg	U
SEE09141515PML1	9/14/2010	Bromoform	32	ug/Kg	U
SEE09101625PML1	9/10/2010	Bromoform	32	ug/Kg	U
SEE09091005RCM1	9/9/2010	Bromoform	32	ug/Kg	U
SEE09061105PML1	9/6/2010	Bromoform	32	ug/Kg	U
SEE09031650PML1	9/3/2010	Bromoform	32	ug/Kg	U
SEE09031650PML1	9/3/2010	Bromoform	32	ug/Kg	U
SEE10081231PML1	10/8/2010	Bromoform	31	ug/Kg	U
SEE09231210JDF1	9/23/2010	Bromoform	31	ug/Kg	U
SEE09161045PML1	9/16/2010	Bromoform	31	ug/Kg	U
SEE09081205PML1	9/8/2010	Bromoform	31	ug/Kg	U
SEE09071050PML1	9/7/2010	Bromoform	31	ug/Kg	U
SEE08301145MHS1	8/30/2010	Bromoform	31	ug/Kg	U
SEE10161115ARM1	10/16/2010	Bromoform	30	ug/Kg	U
SEE10120930JDF1	10/12/2010	Bromoform	30	ug/Kg	U
SEE10071101PML1	10/7/2010	Bromoform	30	ug/Kg	U
SEE09261625JDF1	9/26/2010	Bromoform	30	ug/Kg	U
SEE09261625JDF1	9/26/2010	Bromoform	30	ug/Kg	U
SEE09131445RCM1	9/13/2010	Bromoform	30	ug/Kg	U
SEE09121055PML1	9/12/2010	Bromoform	30	ug/Kg	U
SEE09121055PML1	9/12/2010	Bromoform	30	ug/Kg	U
SEE09121436RCM1	9/12/2010	Bromoform	30	ug/Kg	U
SEE09091410RCM1	9/9/2010	Bromoform	30	ug/Kg	U
SEE09011050PML1	9/1/2010	Bromoform	30	ug/Kg	U
SEE10081051RCM1	10/8/2010	Bromoform	29	ug/Kg	U
SEE10061640PML1	10/6/2010	Bromoform	29	ug/Kg	U
SEE10061640PML1	10/6/2010	Bromoform	29	ug/Kg	U
SEE10051653PML1	10/5/2010	Bromoform	29	ug/Kg	U
SEE09261215JDF1	9/26/2010	Bromoform	29	ug/Kg	U
SEE09231130ARM1	9/23/2010	Bromoform	29	ug/Kg	U
SEE09191040PML1	9/19/2010	Bromoform	29	ug/Kg	U
SEE09131026RCM1	9/13/2010	Bromoform	29	ug/Kg	U
SEE09131505PML1	9/13/2010	Bromoform	29	ug/Kg	U
SEE09040950PML1	9/4/2010	Bromoform	29	ug/Kg	U
SEE10011120JDF1	10/1/2010	Bromoform	28	ug/Kg	U
SEE09211155JDF1	9/21/2010	Bromoform	28	ug/Kg	U
SEE09171415PML1	9/17/2010	Bromoform	28	ug/Kg	U
SEE09151145PML1	9/15/2010	Bromoform	28	ug/Kg	U

**TABLE B-2b**  
**Upstream Sediment Samples (Morrow Lake)**

Sample ID	Sample Date	Analyte	Result	Unit	Data Qualifier
SEE09151145PML1	9/15/2010	Bromoform	28	ug/Kg	U
SEE09131620PML1	9/13/2010	Bromoform	28	ug/Kg	U
SEE09121450PML1	9/12/2010	Bromoform	28	ug/Kg	U
SEE09091515PML1	9/9/2010	Bromoform	28	ug/Kg	U
SEE09081010PML1	9/8/2010	Bromoform	28	ug/Kg	U
SEE09081020RCM1	9/8/2010	Bromoform	28	ug/Kg	U
SEE09011255PML1	9/1/2010	Bromoform	28	ug/Kg	U
SEE08301015JRP1	8/30/2010	Bromoform	28	ug/Kg	U
SEE08261420RCM1	8/26/2010	Bromoform	28	ug/kg	U
SEE10091614PML1	10/9/2010	Bromoform	27	ug/Kg	U
SEE10061205PML1	10/6/2010	Bromoform	27	ug/Kg	U
SEE10041150JDF1	10/4/2010	Bromoform	27	ug/Kg	U
SEE09251135JDF1	9/25/2010	Bromoform	27	ug/Kg	U
SEE09221440JDF1	9/22/2010	Bromoform	27	ug/Kg	U
SEE09170839RCM1	9/17/2010	Bromoform	27	ug/Kg	U
SEE09151015PML1	9/15/2010	Bromoform	27	ug/Kg	U
SEE08291110PML1	8/29/2010	Bromoform	27	ug/kg	U
SEE10141150JDF1	10/14/2010	Bromoform	26	ug/Kg	U
SEE10141550JDF1	10/14/2010	Bromoform	26	ug/Kg	U
SEE10141550JDF1	10/14/2010	Bromoform	26	ug/Kg	U
SEE10121155JDF1	10/12/2010	Bromoform	26	ug/Kg	U
SEE09271130JDF1	9/27/2010	Bromoform	26	ug/Kg	U
SEE09131125PML1	9/13/2010	Bromoform	26	ug/Kg	U
SEE09091010PML1	9/9/2010	Bromoform	26	ug/Kg	U
SEE09091145PML1	9/9/2010	Bromoform	26	ug/Kg	U
SEE09091410PML1	9/9/2010	Bromoform	26	ug/Kg	U
SEE09061130MHS1	9/6/2010	Bromoform	26	ug/Kg	U
SEE09011145PML1	9/1/2010	Bromoform	26	ug/Kg	U
SEE08301638MHS1	8/30/2010	Bromoform	26	ug/Kg	U
SEE10151055ARM1	10/15/2010	Bromoform	25	ug/Kg	U
SEE10121415ARM1	10/12/2010	Bromoform	25	ug/Kg	U
SEE10111125JDF1	10/11/2010	Bromoform	25	ug/Kg	U
SEE10031425JDF1	10/3/2010	Bromoform	25	ug/Kg	U
SEE09291035JDF1	9/29/2010	Bromoform	25	ug/Kg	U
SEE09220935RCM1	9/22/2010	Bromoform	25	ug/Kg	U
SEE09111015PML1	9/11/2010	Bromoform	25	ug/Kg	U
SEE09051015PML1	9/5/2010	Bromoform	25	ug/Kg	U
SEE08301445JRP1	8/30/2010	Bromoform	25	ug/Kg	U
SEE10161415JDF1	10/16/2010	Bromoform	24	ug/Kg	U
SEE10040945JDF1	10/4/2010	Bromoform	24	ug/Kg	U
SEE09230955RCM1	9/23/2010	Bromoform	24	ug/Kg	U
SEE09211530JDF1	9/21/2010	Bromoform	24	ug/Kg	U
SEE09170945PML1	9/17/2010	Bromoform	24	ug/Kg	U
SEE09171125PML1	9/17/2010	Bromoform	24	ug/Kg	U
SEE09130955JRP1	9/13/2010	Bromoform	24	ug/Kg	U
SEE09091605PML1	9/9/2010	Bromoform	24	ug/Kg	U
SEE09041350PML1	9/4/2010	Bromoform	24	ug/Kg	U
SEE10071205PML1	10/7/2010	Bromoform	23	ug/Kg	U
SEE10071540PML1	10/7/2010	Bromoform	23	ug/Kg	U
SEE10041335JDF1	10/4/2010	Bromoform	23	ug/Kg	U
SEE09271025ARM1	9/27/2010	Bromoform	23	ug/Kg	U
SEE09171530PML1	9/17/2010	Bromoform	23	ug/Kg	U
SEE09051430PML1	9/5/2010	Bromoform	23	ug/Kg	U
SEE08271500PML1	8/27/2010	Bromoform	23	ug/kg	U
SEE10150945JDF1	10/15/2010	Bromoform	22	ug/Kg	U
SEE10111011JDF1	10/11/2010	Bromoform	22	ug/Kg	U
SEE10111350JDF1	10/11/2010	Bromoform	22	ug/Kg	U
SEE10061051RCM1	10/6/2010	Bromoform	22	ug/Kg	U
SEE10041355ARM1	10/4/2010	Bromoform	22	ug/Kg	U
SEE09271515JDF1	9/27/2010	Bromoform	22	ug/Kg	U

**TABLE B-2b**  
**Upstream Sediment Samples (Morrow Lake)**

Sample ID	Sample Date	Analyte	Result	Unit	Data Qualifier
SEE09221105JDF1	9/22/2010	Bromoform	22	ug/Kg	U
SEE09130940PML1	9/13/2010	Bromoform	22	ug/Kg	U
SEE08281215PML1	8/28/2010	Bromoform	22	ug/kg	U
SEE10121030JDF1	10/12/2010	Bromoform	21	ug/Kg	U
SEE09290925JDF1	9/29/2010	Bromoform	21	ug/Kg	U
SEE09091025JRP1	9/9/2010	Bromoform	21	ug/Kg	U
SEE09011635PML1	9/1/2010	Bromoform	21	ug/Kg	U
SEE08301520JRP1	8/30/2010	Bromoform	21	ug/Kg	U
SEE08281420TWH1	8/28/2010	Bromoform	21	ug/kg	U
SEE08261445JRP1	8/26/2010	Bromoform	21	ug/Kg	U
SEE10161055JDF1	10/16/2010	Bromoform	20	ug/Kg	U
SEE10151355ARM1	10/15/2010	Bromoform	20	ug/Kg	U
SEE10071415ARM1	10/7/2010	Bromoform	20	ug/Kg	U
SEE09031140MHS1	9/3/2010	Bromoform	20	ug/Kg	U
SEE08291421KAP1	8/29/2010	Bromoform	20	ug/kg	U
SEE08271145RCM1	8/27/2010	Bromoform	20	ug/kg	U
SEE10041050JDF1	10/4/2010	Bromoform	19	ug/Kg	U
SEE09301255MAE1	9/30/2010	Bromoform	19	ug/Kg	U
SEE09291645JDF1	9/29/2010	Bromoform	19	ug/Kg	U
SEE09051550MHS1	9/5/2010	Bromoform	19	ug/Kg	U
SEE09031645MHS1	9/3/2010	Bromoform	19	ug/Kg	U
SEE10041138RCM1	10/4/2010	Bromoform	18	ug/Kg	U
SEE09221615JDF1	9/22/2010	Bromoform	18	ug/Kg	U
SEE09191445RCM1	9/19/2010	Bromoform	18	ug/Kg	U
SEE08311010JRP1	8/31/2010	Bromoform	18	ug/Kg	U
SEE09250905RCM1	9/25/2010	Bromoform	17	ug/Kg	U
SEE09200911RCM1	9/20/2010	Bromoform	17	ug/Kg	U
SEE09090900JRP1	9/9/2010	Bromoform	17	ug/Kg	U
SEE09011545MHS1	9/1/2010	Bromoform	17	ug/Kg	U
SEE08281510TWH1	8/28/2010	Bromoform	17	ug/kg	U
SEE10170915JDF1	10/17/2010	Bromoform	16	ug/Kg	U
SEE09291135JDF1	9/29/2010	Bromoform	16	ug/Kg	U
SEE09260930RCM1	9/26/2010	Bromoform	16	ug/Kg	U
SEE09201110ARM1	9/20/2010	Bromoform	15	ug/Kg	U
SEE08301530JAW1	8/30/2010	Bromoform	15	ug/Kg	U
SEE08291550KAP1	8/29/2010	Bromoform	15	ug/kg	U
SEE10071151RCM1	10/7/2010	Bromoform	14	ug/Kg	U
SEE09211112RCM1	9/21/2010	Bromoform	14	ug/Kg	U
SEE08311348MHS1	8/31/2010	Bromoform	14	ug/Kg	U
SEE08300920JRP1	8/30/2010	Bromoform	14	ug/Kg	U
SEE08261620RCM1	8/26/2010	Bromoform	14	ug/kg	U
SEE10141025ARM1	10/14/2010	Bromoform	12	ug/Kg	U
SEE09130915JRP1	9/13/2010	Bromoform	12	ug/Kg	U
SEE10091200ARM1	10/9/2010	Bromoform	11	ug/Kg	U
SEE09291023RCM1	9/29/2010	Bromoform	11	ug/Kg	U
SEE09171445RCM1	9/17/2010	Bromoform	11	ug/Kg	U
SEE09161035RCM1	9/16/2010	Bromoform	11	ug/Kg	U
SEE09141312RCM1	9/14/2010	Bromoform	10	ug/Kg	U
SEE08291445PML1	8/29/2010	Bromoform	10	ug/kg	U
SEE08291354KAP1	8/29/2010	Bromoform	9.3	ug/kg	U
SEE10051415ARM1	10/5/2010	Bromoform	8.7	ug/Kg	U
SEE09061610JAW1	9/6/2010	Bromoform	8.5	ug/Kg	U
SEE10011125ARM1	10/1/2010	Bromoform	8.2	ug/Kg	U
SEE08261700JRP1	8/26/2010	Bromoform	8.2	ug/Kg	U
SEE09051500MHS1	9/5/2010	Bromoform	8.0	ug/Kg	U
SEE10171535ARM1	10/17/2010	Bromoform	7.9	ug/Kg	U
SEE09231035ARM1	9/23/2010	Bromoform	7.9	ug/Kg	U
SEE09171200ARM1	9/17/2010	Bromoform	7.9	ug/Kg	U
SEE08271614TWH1	8/27/2010	Bromoform	7.8	ug/kg	U
SEE10081035ARM1	10/8/2010	Bromoform	7.6	ug/Kg	U

**TABLE B-2b**  
**Upstream Sediment Samples (Morrow Lake)**

Sample ID	Sample Date	Analyte	Result	Unit	Data Qualifier
SEE08271652TWH1	8/27/2010	Bromoform	7.6	ug/kg	U
SEE09100945RCM1	9/10/2010	Bromoform	7.5	ug/Kg	U
SEE09211120ARM1	9/21/2010	Bromoform	7.4	ug/Kg	U
SEB09011143JLS1	9/1/2010	Bromoform	7.1	ug/Kg	U
SEE08301410JRP1	8/30/2010	Bromoform	7.0	ug/Kg	U
SEE09281445RCM1	9/28/2010	Bromoform	6.5	ug/Kg	U
SEE08271536TWH1	8/27/2010	Bromoform	6.3	ug/kg	U
SEE09271500ARM1	9/27/2010	Bromoform	6.2	ug/Kg	U
SEE09170935RCM1	9/17/2010	Bromoform	6.1	ug/Kg	U
SEF10011045TDF1	10/1/2010	Bromoform	6.0	ug/Kg	U
SEE09150915JRP1	9/15/2010	Bromoform	6.0	ug/Kg	U
SEE10011043RCM1	10/1/2010	Bromoform	5.8	ug/Kg	U
SEE09290915MAE1	9/29/2010	Bromoform	5.8	ug/Kg	U
SEE10131035ARM1	10/13/2010	Bromoform	5.5	ug/Kg	U
SEE10071045ARM1	10/7/2010	Bromoform	5.5	ug/Kg	U
SEE10041045ARM1	10/4/2010	Bromoform	5.5	ug/Kg	U
SEF10151030PMB3	10/15/2010	Bromoform	5.4	ug/Kg	U
SEF10081108TDF3	10/8/2010	Bromoform	5.4	ug/Kg	U
SEE09251235ARM1	9/25/2010	Bromoform	5.4	ug/Kg	U
SEE08281540JRP1	8/28/2010	Bromoform	5.4	ug/kg	U
SEF10051206TDF3	10/5/2010	Bromoform	5.3	ug/Kg	U
SEE09140945JRP1	9/14/2010	Bromoform	5.3	ug/Kg	U
SEE09080930JRP1	9/8/2010	Bromoform	5.3	ug/Kg	U
SEE09011515JAW1	9/1/2010	Bromoform	5.3	ug/Kg	U
SEE08301100JRP1	8/30/2010	Bromoform	5.3	ug/Kg	U
SEE10121040ARM1	10/12/2010	Bromoform	5.2	ug/Kg	U
SEF10121130PMB3	10/12/2010	Bromoform	5.2	ug/Kg	U
SEE09221045ARM1	9/22/2010	Bromoform	5.2	ug/Kg	U
SEE09100920JRP1	9/10/2010	Bromoform	5.1	ug/Kg	U
SEB08281400JLS1	8/28/2010	Bromoform	5.1	ug/kg	U
SEE09301025MAE1	9/30/2010	Bromoform	5.0	ug/Kg	U
SEE09051500JAW1	9/5/2010	Bromoform	5.0	ug/Kg	U
SEE10051145RCM1	10/5/2010	Bromoform	4.9	ug/Kg	U
SEE09070930JRP1	9/7/2010	Bromoform	4.9	ug/Kg	U
SEE10061135ARM1	10/6/2010	Bromoform	4.8	ug/Kg	U
SEE10181030JWP1	10/18/2010	Bromoform	4.6	ug/Kg	U
SEF09281139TDF1	9/28/2010	Bromoform	4.3	ug/Kg	U
SEE09231205RCM1	9/23/2010	Bromoform	3.3	ug/Kg	U
SEE08271445JRP1	8/27/2010	Bromoform	2.8	ug/kg	U
ML-07-S-082510	8/25/2010	Bromoform	0.73	mg/Kg	U
ML-03-S-082510	8/25/2010	Bromoform	0.43	mg/Kg	U
ML-06-S-082510	8/25/2010	Bromoform	0.42	mg/Kg	U
ML-07-S-082410	8/24/2010	Bromoform	0.41	mg/Kg	UJ
ML-06-S-082010	8/20/2010	Bromoform	0.38	mg/Kg	U
ML-08-S-082510	8/25/2010	Bromoform	0.37	mg/Kg	U
ML-08-S-082410	8/24/2010	Bromoform	0.37	mg/Kg	UJ
ML-06-S-082310	8/23/2010	Bromoform	0.37	mg/Kg	U
ML-07-S-082110	8/21/2010	Bromoform	0.37	mg/Kg	U
ML-08-S-082110	8/21/2010	Bromoform	0.37	mg/Kg	U
ML-10-S-082110	8/21/2010	Bromoform	0.37	mg/Kg	U
ML-10-S-082110	8/21/2010	Bromoform	0.37	mg/Kg	U
ML-10-S-081910	8/19/2010	Bromoform	0.37	mg/Kg	U
ML-10-S-081910	8/19/2010	Bromoform	0.37	mg/Kg	U
ML-07-S-081810	8/18/2010	Bromoform	0.37	mg/Kg	UJ
ML-09-S-081810	8/18/2010	Bromoform	0.37	mg/Kg	UJ
ML-10-S-082410	8/24/2010	Bromoform	0.36	mg/Kg	UJ
ML-10-S-082410	8/24/2010	Bromoform	0.36	mg/Kg	UJ
ML-01-S-081610	8/16/2010	Bromoform	0.35	mg/Kg	U
ML-10-S-081610	8/16/2010	Bromoform	0.35	mg/Kg	U
ML-10-S-081610	8/16/2010	Bromoform	0.35	mg/Kg	U

**TABLE B-2b**  
**Upstream Sediment Samples (Morrow Lake)**

Sample ID	Sample Date	Analyte	Result	Unit	Data Qualifier
ML-04-S-082410	8/24/2010	Bromoform	0.34	mg/Kg	UJ
ML-03-S-082310	8/23/2010	Bromoform	0.34	mg/Kg	U
ML-10-S-082110-D	8/21/2010	Bromoform	0.34	mg/Kg	U
ML-10-S-082110-D	8/21/2010	Bromoform	0.34	mg/Kg	U
ML-07-S-081610	8/16/2010	Bromoform	0.34	mg/Kg	U
ML-08-S-081610-D	8/16/2010	Bromoform	0.34	mg/Kg	U
ML-04-S-082610	8/26/2010	Bromoform	0.33	mg/Kg	U
ML-05-S-082310	8/23/2010	Bromoform	0.33	mg/Kg	U
ML-05-S-082010	8/20/2010	Bromoform	0.33	mg/Kg	U
ML-10-S-082610	8/26/2010	Bromoform	0.32	mg/Kg	U
ML-10-S-082610	8/26/2010	Bromoform	0.32	mg/Kg	U
ML-06-S-081710	8/17/2010	Bromoform	0.32	mg/Kg	U
ML-08-S-081610	8/16/2010	Bromoform	0.32	mg/Kg	U
ML-01-S-082510	8/25/2010	Bromoform	0.31	mg/Kg	U
ML-09-S-082510	8/25/2010	Bromoform	0.31	mg/Kg	U
ML-09-S-082410	8/24/2010	Bromoform	0.31	mg/Kg	UJ
ML-02-S-081710	8/17/2010	Bromoform	0.31	mg/Kg	U
ML-02-S-082510	8/25/2010	Bromoform	0.28	mg/Kg	U
ML-09-S-082110	8/21/2010	Bromoform	0.28	mg/Kg	U
ML-01-S-082110	8/21/2010	Bromoform	0.27	mg/Kg	U
ML-04-S-081710	8/17/2010	Bromoform	0.27	mg/Kg	U
ML-05-S-081710	8/17/2010	Bromoform	0.27	mg/Kg	U
ML-02-S-082310	8/23/2010	Bromoform	0.25	mg/Kg	U
ML-04-S-082010	8/20/2010	Bromoform	0.25	mg/Kg	U
ML-01-S-081910	8/19/2010	Bromoform	0.25	mg/Kg	U
ML-02-S-082010	8/20/2010	Bromoform	0.22	mg/Kg	U
ML-03-S-081610	8/16/2010	Bromoform	0.22	mg/Kg	U
ML-03-S-082010	8/20/2010	Bromoform	0.19	mg/Kg	U
ML-05-S-082610	8/26/2010	Bromoform	0.17	mg/Kg	U
SEE10211035JDF1	10/21/2010	Bromomethane	930	ug/Kg	U
SEE10191515JDF1	10/19/2010	Bromomethane	850	ug/Kg	U
SEE10191005JDF1	10/19/2010	Bromomethane	820	ug/Kg	U
SEE10211430JDF1	10/21/2010	Bromomethane	810	ug/Kg	U
SEE10221110JDF1	10/22/2010	Bromomethane	790	ug/Kg	U
SEE10221110JDF1	10/22/2010	Bromomethane	790	ug/Kg	U
SEE10191415JDF1	10/19/2010	Bromomethane	760	ug/Kg	U
SEE10191155JDF1	10/19/2010	Bromomethane	730	ug/Kg	U
SEE10211010JWP1	10/21/2010	Bromomethane	710	ug/Kg	U
SEE10191100JDF1	10/19/2010	Bromomethane	710	ug/Kg	U
SEE10221055DWS1	10/22/2010	Bromomethane	680	ug/Kg	U
SEE10191010JWP1	10/19/2010	Bromomethane	680	ug/Kg	U
SEE10221450DWS1	10/22/2010	Bromomethane	370	ug/Kg	U
SEE10211345JWP1	10/21/2010	Bromomethane	330	ug/Kg	U
SEE10141015JDF1	10/14/2010	Bromomethane	280	ug/Kg	U
SEF10221050MAE3	10/22/2010	Bromomethane	230	ug/Kg	U
SEF10191135NAC3	10/19/2010	Bromomethane	220	ug/Kg	U
SEE10191115JWP1	10/19/2010	Bromomethane	200	ug/Kg	U
SEE09200945PML1	9/20/2010	Bromomethane	60	ug/Kg	U
SEE09200945PML1	9/20/2010	Bromomethane	60	ug/Kg	U
SEE09201115RCM1	9/20/2010	Bromomethane	58	ug/Kg	U
SEE09201645ARM1	9/20/2010	Bromomethane	48	ug/Kg	U
SEE10071042RCM1	10/7/2010	Bromomethane	45	ug/Kg	U
SEE09061500PML1	9/6/2010	Bromomethane	45	ug/Kg	U
SEE08281607TWH1	8/28/2010	Bromomethane	44	ug/kg	U
SEE09301105JDF1	9/30/2010	Bromomethane	42	ug/Kg	U
SEE09181705PML1	9/18/2010	Bromomethane	42	ug/Kg	U
SEE09021400PML1	9/2/2010	Bromomethane	41	ug/Kg	U
SEE08301130PML1	8/30/2010	Bromomethane	41	ug/Kg	U
SEE10091401PML1	10/9/2010	Bromomethane	40	ug/Kg	U
SEE10181035JDF1	10/18/2010	Bromomethane	39	ug/Kg	U

**TABLE B-2b**  
**Upstream Sediment Samples (Morrow Lake)**

Sample ID	Sample Date	Analyte	Result	Unit	Data Qualifier
SEE10051125PML1	10/5/2010	Bromomethane	39	ug/Kg	U
SEE08311045PML1	8/31/2010	Bromomethane	39	ug/Kg	U
SEE10141555ARM1	10/14/2010	Bromomethane	38	ug/Kg	U
SEE09101215PML1	9/10/2010	Bromomethane	38	ug/Kg	U
SEE10161530JDF1	10/16/2010	Bromomethane	37	ug/Kg	U
SEE10081115PML1	10/8/2010	Bromomethane	37	ug/Kg	U
SEE09030925PML1	9/3/2010	Bromomethane	37	ug/Kg	U
SEE09031115JAW1	9/3/2010	Bromomethane	37	ug/Kg	U
SEE08281505PML1	8/28/2010	Bromomethane	37	ug/kg	U
SEE10171410JDF1	10/17/2010	Bromomethane	36	ug/Kg	U
SEE09191530PML1	9/19/2010	Bromomethane	36	ug/Kg	U
SEE09181235PML1	9/18/2010	Bromomethane	36	ug/Kg	U
SEE09141135PML1	9/14/2010	Bromomethane	36	ug/Kg	U
SEE09101022PML1	9/10/2010	Bromomethane	36	ug/Kg	U
SEE10171115JDF1	10/17/2010	Bromomethane	35	ug/Kg	U
SEE08311420PML1	8/31/2010	Bromomethane	35	ug/Kg	U
SEE08311420PML1	8/31/2010	Bromomethane	35	ug/Kg	U
SEE08271215PML1	8/27/2010	Bromomethane	35	ug/kg	U
SEE10041530JDF1	10/4/2010	Bromomethane	34	ug/Kg	U
SEE09121105RCM1	9/12/2010	Bromomethane	34	ug/Kg	U
SEE09011545PML1	9/1/2010	Bromomethane	34	ug/Kg	U
SEE08301550PML1	8/30/2010	Bromomethane	34	ug/Kg	U
SEE10181210JDF1	10/18/2010	Bromomethane	33	ug/Kg	U
SEE10181430JWP1	10/18/2010	Bromomethane	33	ug/Kg	U
SEE10181510JDF1	10/18/2010	Bromomethane	33	ug/Kg	U
SEE10181510JDF1	10/18/2010	Bromomethane	33	ug/Kg	U
SEE10131150JDF1	10/13/2010	Bromomethane	33	ug/Kg	U
SEE10101010PML1	10/10/2010	Bromomethane	33	ug/Kg	U
SEE10101215PML1	10/10/2010	Bromomethane	33	ug/Kg	U
SEE10101215PML1	10/10/2010	Bromomethane	33	ug/Kg	U
SEE09140945PML1	9/14/2010	Bromomethane	33	ug/Kg	U
SEE09061525MHS1	9/6/2010	Bromomethane	33	ug/Kg	U
SEE09051130PML1	9/5/2010	Bromomethane	33	ug/Kg	U
SEE09031100PML1	9/3/2010	Bromomethane	33	ug/Kg	U
SEE09021010PML1	9/2/2010	Bromomethane	33	ug/Kg	U
SEE08281630RCM1	8/28/2010	Bromomethane	33	ug/kg	U
SEE10031115JDF1	10/3/2010	Bromomethane	32	ug/Kg	U
SEE10031115JDF1	10/3/2010	Bromomethane	32	ug/Kg	U
SEE09301205RCM1	9/30/2010	Bromomethane	32	ug/Kg	U
SEE09301255JDF1	9/30/2010	Bromomethane	32	ug/Kg	U
SEE09231645JDF1	9/23/2010	Bromomethane	32	ug/Kg	U
SEE09141515PML1	9/14/2010	Bromomethane	32	ug/Kg	U
SEE09101625PML1	9/10/2010	Bromomethane	32	ug/Kg	U
SEE09091005RCM1	9/9/2010	Bromomethane	32	ug/Kg	U
SEE09061105PML1	9/6/2010	Bromomethane	32	ug/Kg	U
SEE09031650PML1	9/3/2010	Bromomethane	32	ug/Kg	U
SEE09031650PML1	9/3/2010	Bromomethane	32	ug/Kg	U
SEE10081231PML1	10/8/2010	Bromomethane	31	ug/Kg	U
SEE09231210JDF1	9/23/2010	Bromomethane	31	ug/Kg	U *
SEE09161045PML1	9/16/2010	Bromomethane	31	ug/Kg	U
SEE09081205PML1	9/8/2010	Bromomethane	31	ug/Kg	U
SEE09071050PML1	9/7/2010	Bromomethane	31	ug/Kg	U
SEE08301145MHS1	8/30/2010	Bromomethane	31	ug/Kg	U
SEE10161115ARM1	10/16/2010	Bromomethane	30	ug/Kg	U
SEE10120930JDF1	10/12/2010	Bromomethane	30	ug/Kg	U
SEE10071101PML1	10/7/2010	Bromomethane	30	ug/Kg	U
SEE09261625JDF1	9/26/2010	Bromomethane	30	ug/Kg	U
SEE09261625JDF1	9/26/2010	Bromomethane	30	ug/Kg	U
SEE09131445RCM1	9/13/2010	Bromomethane	30	ug/Kg	U
SEE09121055PML1	9/12/2010	Bromomethane	30	ug/Kg	U

**TABLE B-2b**  
**Upstream Sediment Samples (Morrow Lake)**

Sample ID	Sample Date	Analyte	Result	Unit	Data Qualifier
SEE09121055PML1	9/12/2010	Bromomethane	30	ug/Kg	U
SEE09121436RCM1	9/12/2010	Bromomethane	30	ug/Kg	U
SEE09091410RCM1	9/9/2010	Bromomethane	30	ug/Kg	U
SEE09011050PML1	9/1/2010	Bromomethane	30	ug/Kg	U
SEE10081051RCM1	10/8/2010	Bromomethane	29	ug/Kg	U
SEE10061640PML1	10/6/2010	Bromomethane	29	ug/Kg	U
SEE10061640PML1	10/6/2010	Bromomethane	29	ug/Kg	U
SEE10051653PML1	10/5/2010	Bromomethane	29	ug/Kg	U
SEE09261215JDF1	9/26/2010	Bromomethane	29	ug/Kg	U
SEE09231130ARM1	9/23/2010	Bromomethane	29	ug/Kg	U
SEE09191040PML1	9/19/2010	Bromomethane	29	ug/Kg	U
SEE09131026RCM1	9/13/2010	Bromomethane	29	ug/Kg	U
SEE09131505PML1	9/13/2010	Bromomethane	29	ug/Kg	U
SEE09040950PML1	9/4/2010	Bromomethane	29	ug/Kg	U
SEE10011120JDF1	10/1/2010	Bromomethane	28	ug/Kg	U
SEE09211155JDF1	9/21/2010	Bromomethane	28	ug/Kg	U
SEE09171415PML1	9/17/2010	Bromomethane	28	ug/Kg	U
SEE09151145PML1	9/15/2010	Bromomethane	28	ug/Kg	U
SEE09151145PML1	9/15/2010	Bromomethane	28	ug/Kg	U
SEE09131620PML1	9/13/2010	Bromomethane	28	ug/Kg	U
SEE09121450PML1	9/12/2010	Bromomethane	28	ug/Kg	U
SEE09091515PML1	9/9/2010	Bromomethane	28	ug/Kg	U
SEE09081010PML1	9/8/2010	Bromomethane	28	ug/Kg	U
SEE09081020RCM1	9/8/2010	Bromomethane	28	ug/Kg	U
SEE09011255PML1	9/1/2010	Bromomethane	28	ug/Kg	U
SEE08301015JRP1	8/30/2010	Bromomethane	28	ug/Kg	U
SEE08261420RCM1	8/26/2010	Bromomethane	28	ug/kg	U
SEE10091614PML1	10/9/2010	Bromomethane	27	ug/Kg	U
SEE10061205PML1	10/6/2010	Bromomethane	27	ug/Kg	U
SEE10041150JDF1	10/4/2010	Bromomethane	27	ug/Kg	U
SEE09251135JDF1	9/25/2010	Bromomethane	27	ug/Kg	U
SEE09221440JDF1	9/22/2010	Bromomethane	27	ug/Kg	U
SEE09170839RCM1	9/17/2010	Bromomethane	27	ug/Kg	U
SEE09151015PML1	9/15/2010	Bromomethane	27	ug/Kg	U
SEE08291110PML1	8/29/2010	Bromomethane	27	ug/kg	U
SEE10141150JDF1	10/14/2010	Bromomethane	26	ug/Kg	U
SEE10141550JDF1	10/14/2010	Bromomethane	26	ug/Kg	U
SEE10141550JDF1	10/14/2010	Bromomethane	26	ug/Kg	U
SEE10121155JDF1	10/12/2010	Bromomethane	26	ug/Kg	U
SEE09271130JDF1	9/27/2010	Bromomethane	26	ug/Kg	U
SEE09131125PML1	9/13/2010	Bromomethane	26	ug/Kg	U
SEE09091010PML1	9/9/2010	Bromomethane	26	ug/Kg	U
SEE09091145PML1	9/9/2010	Bromomethane	26	ug/Kg	U
SEE09091410PML1	9/9/2010	Bromomethane	26	ug/Kg	U
SEE09061130MHS1	9/6/2010	Bromomethane	26	ug/Kg	U
SEE09011145PML1	9/1/2010	Bromomethane	26	ug/Kg	U
SEE08301638MHS1	8/30/2010	Bromomethane	26	ug/Kg	U
SEE10151055ARM1	10/15/2010	Bromomethane	25	ug/Kg	U
SEE10121415ARM1	10/12/2010	Bromomethane	25	ug/Kg	U
SEE10111125JDF1	10/11/2010	Bromomethane	25	ug/Kg	U
SEE10031425JDF1	10/3/2010	Bromomethane	25	ug/Kg	U
SEE09291035JDF1	9/29/2010	Bromomethane	25	ug/Kg	U
SEE09220935RCM1	9/22/2010	Bromomethane	25	ug/Kg	U
SEE09111015PML1	9/11/2010	Bromomethane	25	ug/Kg	U
SEE09051015PML1	9/5/2010	Bromomethane	25	ug/Kg	U
SEE08301445JRP1	8/30/2010	Bromomethane	25	ug/Kg	U
SEE10161415JDF1	10/16/2010	Bromomethane	24	ug/Kg	U
SEE10040945JDF1	10/4/2010	Bromomethane	24	ug/Kg	U
SEE09230955RCM1	9/23/2010	Bromomethane	24	ug/Kg	U
SEE09211530JDF1	9/21/2010	Bromomethane	24	ug/Kg	U

**TABLE B-2b**  
**Upstream Sediment Samples (Morrow Lake)**

Sample ID	Sample Date	Analyte	Result	Unit	Data Qualifier
SEE09170945PML1	9/17/2010	Bromomethane	24	ug/Kg	U
SEE09171125PML1	9/17/2010	Bromomethane	24	ug/Kg	U
SEE09130955JRP1	9/13/2010	Bromomethane	24	ug/Kg	U
SEE09091605PML1	9/9/2010	Bromomethane	24	ug/Kg	U
SEE09041350PML1	9/4/2010	Bromomethane	24	ug/Kg	U
SEE10071205PML1	10/7/2010	Bromomethane	23	ug/Kg	U
SEE10071540PML1	10/7/2010	Bromomethane	23	ug/Kg	U
SEE10041335JDF1	10/4/2010	Bromomethane	23	ug/Kg	U
SEE09271025ARM1	9/27/2010	Bromomethane	23	ug/Kg	U
SEE09171530PML1	9/17/2010	Bromomethane	23	ug/Kg	U
SEE09051430PML1	9/5/2010	Bromomethane	23	ug/Kg	U
SEE08271500PML1	8/27/2010	Bromomethane	23	ug/kg	U
SEE10150945JDF1	10/15/2010	Bromomethane	22	ug/Kg	U
SEE10111011JDF1	10/11/2010	Bromomethane	22	ug/Kg	U
SEE10111350JDF1	10/11/2010	Bromomethane	22	ug/Kg	U
SEE10061051RCM1	10/6/2010	Bromomethane	22	ug/Kg	U
SEE10041355ARM1	10/4/2010	Bromomethane	22	ug/Kg	U
SEE09271515JDF1	9/27/2010	Bromomethane	22	ug/Kg	U
SEE09221105JDF1	9/22/2010	Bromomethane	22	ug/Kg	U
SEE09130940PML1	9/13/2010	Bromomethane	22	ug/Kg	U
SEE08281215PML1	8/28/2010	Bromomethane	22	ug/kg	U
SEE10121030JDF1	10/12/2010	Bromomethane	21	ug/Kg	U
SEE09290925JDF1	9/29/2010	Bromomethane	21	ug/Kg	U
SEE09091025JRP1	9/9/2010	Bromomethane	21	ug/Kg	U
SEE09011635PML1	9/1/2010	Bromomethane	21	ug/Kg	U
SEE08301520JRP1	8/30/2010	Bromomethane	21	ug/Kg	U
SEE08281420TWH1	8/28/2010	Bromomethane	21	ug/kg	U
SEE08261445JRP1	8/26/2010	Bromomethane	21	ug/Kg	U
SEE10161055JDF1	10/16/2010	Bromomethane	20	ug/Kg	U
SEE10151355ARM1	10/15/2010	Bromomethane	20	ug/Kg	U
SEE10071415ARM1	10/7/2010	Bromomethane	20	ug/Kg	U
SEE09031140MHS1	9/3/2010	Bromomethane	20	ug/Kg	U
SEE08291421KAP1	8/29/2010	Bromomethane	20	ug/kg	U
SEE08271145RCM1	8/27/2010	Bromomethane	20	ug/kg	U
SEE10041050JDF1	10/4/2010	Bromomethane	19	ug/Kg	U
SEE09301255MAE1	9/30/2010	Bromomethane	19	ug/Kg	U
SEE09291645JDF1	9/29/2010	Bromomethane	19	ug/Kg	U
SEE09051550MHS1	9/5/2010	Bromomethane	19	ug/Kg	U
SEE09031645MHS1	9/3/2010	Bromomethane	19	ug/Kg	U
SEE10041138RCM1	10/4/2010	Bromomethane	18	ug/Kg	U
SEE09221615JDF1	9/22/2010	Bromomethane	18	ug/Kg	U
SEE09191445RCM1	9/19/2010	Bromomethane	18	ug/Kg	U
SEE08311010JRP1	8/31/2010	Bromomethane	18	ug/Kg	U
SEE09250905RCM1	9/25/2010	Bromomethane	17	ug/Kg	U
SEE09200911RCM1	9/20/2010	Bromomethane	17	ug/Kg	U
SEE09090900JRP1	9/9/2010	Bromomethane	17	ug/Kg	U
SEE09011545MHS1	9/1/2010	Bromomethane	17	ug/Kg	U
SEE08281510TWH1	8/28/2010	Bromomethane	17	ug/kg	U
SEE10170915JDF1	10/17/2010	Bromomethane	16	ug/Kg	U
SEE09291135JDF1	9/29/2010	Bromomethane	16	ug/Kg	U
SEE09260930RCM1	9/26/2010	Bromomethane	16	ug/Kg	U
SEE09201110ARM1	9/20/2010	Bromomethane	15	ug/Kg	U
SEE08301530JAW1	8/30/2010	Bromomethane	15	ug/Kg	U
SEE08291550KAP1	8/29/2010	Bromomethane	15	ug/kg	U
SEE10071151RCM1	10/7/2010	Bromomethane	14	ug/Kg	U
SEE09211112RCM1	9/21/2010	Bromomethane	14	ug/Kg	U
SEE08311348MHS1	8/31/2010	Bromomethane	14	ug/Kg	U
SEE08300920JRP1	8/30/2010	Bromomethane	14	ug/Kg	U
SEE08261620RCM1	8/26/2010	Bromomethane	14	ug/kg	U
SEE10141025ARM1	10/14/2010	Bromomethane	12	ug/Kg	U



**TABLE B-2b**  
**Upstream Sediment Samples (Morrow Lake)**

Sample ID	Sample Date	Analyte	Result	Unit	Data Qualifier
SEE09130915JRP1	9/13/2010	Bromomethane	12	ug/Kg	U
SEE10091200ARM1	10/9/2010	Bromomethane	11	ug/Kg	U
SEE09291023RCM1	9/29/2010	Bromomethane	11	ug/Kg	U
SEE09171445RCM1	9/17/2010	Bromomethane	11	ug/Kg	U
SEE09161035RCM1	9/16/2010	Bromomethane	11	ug/Kg	U
SEE09141312RCM1	9/14/2010	Bromomethane	10	ug/Kg	U
SEE08291445PML1	8/29/2010	Bromomethane	10	ug/kg	U
SEE08291354KAP1	8/29/2010	Bromomethane	9.3	ug/kg	U
SEE10051415ARM1	10/5/2010	Bromomethane	8.7	ug/Kg	U
SEE09061610JAW1	9/6/2010	Bromomethane	8.5	ug/Kg	U
SEE10011125ARM1	10/1/2010	Bromomethane	8.2	ug/Kg	U
SEE08261700JRP1	8/26/2010	Bromomethane	8.2	ug/Kg	U
SEE09051500MHS1	9/5/2010	Bromomethane	8.0	ug/Kg	U
SEE10171535ARM1	10/17/2010	Bromomethane	7.9	ug/Kg	U
SEE09231035ARM1	9/23/2010	Bromomethane	7.9	ug/Kg	U
SEE09171200ARM1	9/17/2010	Bromomethane	7.9	ug/Kg	U
SEE08271614TWH1	8/27/2010	Bromomethane	7.8	ug/kg	U
SEE10081035ARM1	10/8/2010	Bromomethane	7.6	ug/Kg	U
SEE08271652TWH1	8/27/2010	Bromomethane	7.6	ug/kg	U
SEE09100945RCM1	9/10/2010	Bromomethane	7.5	ug/Kg	U
SEE09211120ARM1	9/21/2010	Bromomethane	7.4	ug/Kg	U
SEB09011143JLS1	9/1/2010	Bromomethane	7.1	ug/Kg	U
SEE08301410JRP1	8/30/2010	Bromomethane	7.0	ug/Kg	U
SEE09281445RCM1	9/28/2010	Bromomethane	6.5	ug/Kg	U
SEE08271536TWH1	8/27/2010	Bromomethane	6.3	ug/kg	U
SEE09271500ARM1	9/27/2010	Bromomethane	6.2	ug/Kg	U
SEE09170935RCM1	9/17/2010	Bromomethane	6.1	ug/Kg	U
SEF10011045TDF1	10/1/2010	Bromomethane	6.0	ug/Kg	U
SEE09150915JRP1	9/15/2010	Bromomethane	6.0	ug/Kg	U
SEE10011043RCM1	10/1/2010	Bromomethane	5.8	ug/Kg	U
SEE09290915MAE1	9/29/2010	Bromomethane	5.8	ug/Kg	U
SEE10131035ARM1	10/13/2010	Bromomethane	5.5	ug/Kg	U
SEE10071045ARM1	10/7/2010	Bromomethane	5.5	ug/Kg	U
SEE10041045ARM1	10/4/2010	Bromomethane	5.5	ug/Kg	U
SEF10151030PMB3	10/15/2010	Bromomethane	5.4	ug/Kg	U
SEF10081108TDF3	10/8/2010	Bromomethane	5.4	ug/Kg	U
SEE09251235ARM1	9/25/2010	Bromomethane	5.4	ug/Kg	U
SEE08281540JRP1	8/28/2010	Bromomethane	5.4	ug/kg	U
SEF10051206TDF3	10/5/2010	Bromomethane	5.3	ug/Kg	U
SEE09140945JRP1	9/14/2010	Bromomethane	5.3	ug/Kg	U
SEE09080930JRP1	9/8/2010	Bromomethane	5.3	ug/Kg	U
SEE09011515JAW1	9/1/2010	Bromomethane	5.3	ug/Kg	U
SEE08301100JRP1	8/30/2010	Bromomethane	5.3	ug/Kg	U
SEE10121040ARM1	10/12/2010	Bromomethane	5.2	ug/Kg	U
SEF10121130PMB3	10/12/2010	Bromomethane	5.2	ug/Kg	U
SEE09221045ARM1	9/22/2010	Bromomethane	5.2	ug/Kg	U
SEE09100920JRP1	9/10/2010	Bromomethane	5.1	ug/Kg	U
SEB08281400JLS1	8/28/2010	Bromomethane	5.1	ug/kg	U
SEE09301025MAE1	9/30/2010	Bromomethane	5.0	ug/Kg	U
SEE09051500JAW1	9/5/2010	Bromomethane	5.0	ug/Kg	U
SEE10051145RCM1	10/5/2010	Bromomethane	4.9	ug/Kg	U
SEE09070930JRP1	9/7/2010	Bromomethane	4.9	ug/Kg	U
SEE10061135ARM1	10/6/2010	Bromomethane	4.8	ug/Kg	U
SEE10181030JWP1	10/18/2010	Bromomethane	4.6	ug/Kg	U
SEF09281139TDF1	9/28/2010	Bromomethane	4.3	ug/Kg	U
SEE09231205RCM1	9/23/2010	Bromomethane	3.3	ug/Kg	U
SEE08271445JRP1	8/27/2010	Bromomethane	2.8	ug/kg	U
ML-07-S-082510	8/25/2010	Bromomethane	0.73	mg/Kg	U
ML-03-S-082510	8/25/2010	Bromomethane	0.43	mg/Kg	U
ML-06-S-082510	8/25/2010	Bromomethane	0.42	mg/Kg	U

**TABLE B-2b**  
**Upstream Sediment Samples (Morrow Lake)**

Sample ID	Sample Date	Analyte	Result	Unit	Data Qualifier
ML-07-S-082410	8/24/2010	Bromomethane	0.41	mg/Kg	UJ
ML-06-S-082010	8/20/2010	Bromomethane	0.38	mg/Kg	U
ML-08-S-082510	8/25/2010	Bromomethane	0.37	mg/Kg	U
ML-08-S-082410	8/24/2010	Bromomethane	0.37	mg/Kg	UJ
ML-06-S-082310	8/23/2010	Bromomethane	0.37	mg/Kg	U
ML-07-S-082110	8/21/2010	Bromomethane	0.37	mg/Kg	U
ML-08-S-082110	8/21/2010	Bromomethane	0.37	mg/Kg	U
ML-10-S-082110	8/21/2010	Bromomethane	0.37	mg/Kg	U
ML-10-S-082110	8/21/2010	Bromomethane	0.37	mg/Kg	U
ML-10-S-081910	8/19/2010	Bromomethane	0.37	mg/Kg	U
ML-10-S-081910	8/19/2010	Bromomethane	0.37	mg/Kg	U
ML-07-S-081810	8/18/2010	Bromomethane	0.37	mg/Kg	UJ
ML-09-S-081810	8/18/2010	Bromomethane	0.37	mg/Kg	UJ
ML-10-S-082410	8/24/2010	Bromomethane	0.36	mg/Kg	UJ
ML-10-S-082410	8/24/2010	Bromomethane	0.36	mg/Kg	UJ
ML-01-S-081610	8/16/2010	Bromomethane	0.35	mg/Kg	U
ML-10-S-081610	8/16/2010	Bromomethane	0.35	mg/Kg	U
ML-10-S-081610	8/16/2010	Bromomethane	0.35	mg/Kg	U
ML-04-S-082410	8/24/2010	Bromomethane	0.34	mg/Kg	UJ
ML-03-S-082310	8/23/2010	Bromomethane	0.34	mg/Kg	U
ML-10-S-082110-D	8/21/2010	Bromomethane	0.34	mg/Kg	U
ML-10-S-082110-D	8/21/2010	Bromomethane	0.34	mg/Kg	U
ML-07-S-081610	8/16/2010	Bromomethane	0.34	mg/Kg	U
ML-08-S-081610-D	8/16/2010	Bromomethane	0.34	mg/Kg	U
ML-04-S-082610	8/26/2010	Bromomethane	0.33	mg/Kg	U
ML-05-S-082310	8/23/2010	Bromomethane	0.33	mg/Kg	U
ML-05-S-082010	8/20/2010	Bromomethane	0.33	mg/Kg	U
ML-10-S-082610	8/26/2010	Bromomethane	0.32	mg/Kg	U
ML-10-S-082610	8/26/2010	Bromomethane	0.32	mg/Kg	U
ML-06-S-081710	8/17/2010	Bromomethane	0.32	mg/Kg	U
ML-08-S-081610	8/16/2010	Bromomethane	0.32	mg/Kg	U
ML-01-S-082510	8/25/2010	Bromomethane	0.31	mg/Kg	U
ML-09-S-082510	8/25/2010	Bromomethane	0.31	mg/Kg	U
ML-09-S-082410	8/24/2010	Bromomethane	0.31	mg/Kg	UJ
ML-02-S-081710	8/17/2010	Bromomethane	0.31	mg/Kg	U
ML-02-S-082510	8/25/2010	Bromomethane	0.28	mg/Kg	U
ML-09-S-082110	8/21/2010	Bromomethane	0.28	mg/Kg	U
ML-01-S-082110	8/21/2010	Bromomethane	0.27	mg/Kg	U
ML-04-S-081710	8/17/2010	Bromomethane	0.27	mg/Kg	U
ML-05-S-081710	8/17/2010	Bromomethane	0.27	mg/Kg	U
ML-02-S-082310	8/23/2010	Bromomethane	0.25	mg/Kg	U
ML-04-S-082010	8/20/2010	Bromomethane	0.25	mg/Kg	U
ML-01-S-081910	8/19/2010	Bromomethane	0.25	mg/Kg	U
ML-02-S-082010	8/20/2010	Bromomethane	0.22	mg/Kg	U
ML-03-S-081610	8/16/2010	Bromomethane	0.22	mg/Kg	U
ML-03-S-082010	8/20/2010	Bromomethane	0.19	mg/Kg	U
ML-05-S-082610	8/26/2010	Bromomethane	0.17	mg/Kg	U
SEE09051430PML1	9/5/2010	Butyl benzyl phthalate	3000	ug/Kg	U
SEE09011635PML1	9/1/2010	Butyl benzyl phthalate	3000	ug/Kg	U
SEE08271145RCM1	8/27/2010	Butyl benzyl phthalate	1600	ug/kg	U
SEE08261620RCM1	8/26/2010	Butyl benzyl phthalate	1400	ug/kg	U
SEE08261420RCM1	8/26/2010	Butyl benzyl phthalate	1200	ug/kg	U
SEE10211035JDF1	10/21/2010	Butyl benzyl phthalate	960	ug/Kg	UJ
SEE10051125PML1	10/5/2010	Butyl benzyl phthalate	930	ug/Kg	U
SEE09061500PML1	9/6/2010	Butyl benzyl phthalate	920	ug/Kg	U
SEE09021400PML1	9/2/2010	Butyl benzyl phthalate	920	ug/Kg	U
SEE09301105JDF1	9/30/2010	Butyl benzyl phthalate	910	ug/Kg	U
SEE08301130PML1	8/30/2010	Butyl benzyl phthalate	910	ug/Kg	U
SEE10191005JDF1	10/19/2010	Butyl benzyl phthalate	880	ug/Kg	U
SEE10171410JDF1	10/17/2010	Butyl benzyl phthalate	880	ug/Kg	U

**TABLE B-2b**  
**Upstream Sediment Samples (Morrow Lake)**

Sample ID	Sample Date	Analyte	Result	Unit	Data Qualifier
SEE09181235PML1	9/18/2010	Butyl benzyl phthalate	880	ug/Kg	U
SEE09101022PML1	9/10/2010	Butyl benzyl phthalate	880	ug/Kg	UJ
SEE09011545PML1	9/1/2010	Butyl benzyl phthalate	870	ug/Kg	U
SEE10211430JDF1	10/21/2010	Butyl benzyl phthalate	860	ug/Kg	U
SEE09231645JDF1	9/23/2010	Butyl benzyl phthalate	860	ug/Kg	U
SEE09141135PML1	9/14/2010	Butyl benzyl phthalate	860	ug/Kg	U
SEE09091410RCM1	9/9/2010	Butyl benzyl phthalate	860	ug/Kg	U
SEE10081115PML1	10/8/2010	Butyl benzyl phthalate	850	ug/Kg	U
SEE09121105RCM1	9/12/2010	Butyl benzyl phthalate	850	ug/Kg	UJ
SEE09101215PML1	9/10/2010	Butyl benzyl phthalate	850	ug/Kg	UJ
SEE09081020RCM1	9/8/2010	Butyl benzyl phthalate	850	ug/Kg	U
SEE09031645MHS1	9/3/2010	Butyl benzyl phthalate	850	ug/Kg	U
SEE09011545MHS1	9/1/2010	Butyl benzyl phthalate	850	ug/Kg	U
SEE08311420PML1	8/31/2010	Butyl benzyl phthalate	850	ug/Kg	U
SEE08311420PML1	8/31/2010	Butyl benzyl phthalate	850	ug/Kg	U
SEE10131150JDF1	10/13/2010	Butyl benzyl phthalate	840	ug/Kg	U
SEE09301255JDF1	9/30/2010	Butyl benzyl phthalate	840	ug/Kg	U
SEE10221110JDF1	10/22/2010	Butyl benzyl phthalate	830	ug/Kg	U
SEE10221110JDF1	10/22/2010	Butyl benzyl phthalate	830	ug/Kg	U
SEE09030925PML1	9/3/2010	Butyl benzyl phthalate	830	ug/Kg	U
SEE08281607TWH1	8/28/2010	Butyl benzyl phthalate	830	ug/kg	U
SEE08281630RCM1	8/28/2010	Butyl benzyl phthalate	830	ug/kg	U
SEE10191515JDF1	10/19/2010	Butyl benzyl phthalate	820	ug/Kg	U
SEE10091401PML1	10/9/2010	Butyl benzyl phthalate	820	ug/Kg	UJ
SEE09051550MHS1	9/5/2010	Butyl benzyl phthalate	820	ug/Kg	U
SEE09291023RCM1	9/29/2010	Butyl benzyl phthalate	810	ug/Kg	U
SEE09121436RCM1	9/12/2010	Butyl benzyl phthalate	810	ug/Kg	UJ
SEE09021010PML1	9/2/2010	Butyl benzyl phthalate	810	ug/Kg	U
SEE10041530JDF1	10/4/2010	Butyl benzyl phthalate	800	ug/Kg	U
SEE09101625PML1	9/10/2010	Butyl benzyl phthalate	800	ug/Kg	UJ
SEE09061525MHS1	9/6/2010	Butyl benzyl phthalate	800	ug/Kg	U
SEE09031100PML1	9/3/2010	Butyl benzyl phthalate	800	ug/Kg	U
SEE08301638MHS1	8/30/2010	Butyl benzyl phthalate	800	ug/Kg	U
SEE10191415JDF1	10/19/2010	Butyl benzyl phthalate	790	ug/Kg	U
SEE10181035JDF1	10/18/2010	Butyl benzyl phthalate	790	ug/Kg	U
SEE10091614PML1	10/9/2010	Butyl benzyl phthalate	790	ug/Kg	UJ
SEE10051653PML1	10/5/2010	Butyl benzyl phthalate	790	ug/Kg	U
SEE09231210JDF1	9/23/2010	Butyl benzyl phthalate	790	ug/Kg	U
SEE09141515PML1	9/14/2010	Butyl benzyl phthalate	790	ug/Kg	U
SEE09131026RCM1	9/13/2010	Butyl benzyl phthalate	790	ug/Kg	U
SEE09051130PML1	9/5/2010	Butyl benzyl phthalate	790	ug/Kg	U
SEE08301550PML1	8/30/2010	Butyl benzyl phthalate	790	ug/Kg	U
SEE10191155JDF1	10/19/2010	Butyl benzyl phthalate	780	ug/Kg	U
SEE10171115JDF1	10/17/2010	Butyl benzyl phthalate	780	ug/Kg	U
SEE10141015JDF1	10/14/2010	Butyl benzyl phthalate	780	ug/Kg	U
SEE09220935RCM1	9/22/2010	Butyl benzyl phthalate	780	ug/Kg	U
SEE09191445RCM1	9/19/2010	Butyl benzyl phthalate	780	ug/Kg	U
SEE09161045PML1	9/16/2010	Butyl benzyl phthalate	780	ug/Kg	U
SEE09071050PML1	9/7/2010	Butyl benzyl phthalate	780	ug/Kg	U
SEE10211010JWP1	10/21/2010	Butyl benzyl phthalate	770	ug/Kg	U
SEE10181510JDF1	10/18/2010	Butyl benzyl phthalate	770	ug/Kg	U
SEE10181510JDF1	10/18/2010	Butyl benzyl phthalate	770	ug/Kg	U
SEE10061205PML1	10/6/2010	Butyl benzyl phthalate	770	ug/Kg	U
SEE10031115JDF1	10/3/2010	Butyl benzyl phthalate	770	ug/Kg	U
SEE10031115JDF1	10/3/2010	Butyl benzyl phthalate	770	ug/Kg	U
SEE09171415PML1	9/17/2010	Butyl benzyl phthalate	770	ug/Kg	UJ
SEE09140945PML1	9/14/2010	Butyl benzyl phthalate	770	ug/Kg	U
SEE09131445RCM1	9/13/2010	Butyl benzyl phthalate	770	ug/Kg	U
SEE09131505PML1	9/13/2010	Butyl benzyl phthalate	770	ug/Kg	U
SEE08301145MHS1	8/30/2010	Butyl benzyl phthalate	770	ug/Kg	U

**TABLE B-2b**  
**Upstream Sediment Samples (Morrow Lake)**

Sample ID	Sample Date	Analyte	Result	Unit	Data Qualifier
SEE10141555ARM1	10/14/2010	Butyl benzyl phthalate	760	ug/Kg	U
SEE10101215PML1	10/10/2010	Butyl benzyl phthalate	760	ug/Kg	U
SEE10101215PML1	10/10/2010	Butyl benzyl phthalate	760	ug/Kg	U
SEE09170839RCM1	9/17/2010	Butyl benzyl phthalate	760	ug/Kg	UJ
SEE09081205PML1	9/8/2010	Butyl benzyl phthalate	760	ug/Kg	U
SEE09031140MHS1	9/3/2010	Butyl benzyl phthalate	760	ug/Kg	U
SEE10061051RCM1	10/6/2010	Butyl benzyl phthalate	750	ug/Kg	U
SEE10041138RCM1	10/4/2010	Butyl benzyl phthalate	750	ug/Kg	U
SEE09251135JDF1	9/25/2010	Butyl benzyl phthalate	750	ug/Kg	U
SEE09200945PML1	9/20/2010	Butyl benzyl phthalate	750	ug/Kg	U
SEE09200945PML1	9/20/2010	Butyl benzyl phthalate	750	ug/Kg	U
SEE09191040PML1	9/19/2010	Butyl benzyl phthalate	750	ug/Kg	U
SEE09181705PML1	9/18/2010	Butyl benzyl phthalate	750	ug/Kg	U
SEE09091005RCM1	9/9/2010	Butyl benzyl phthalate	750	ug/Kg	U
SEE09061105PML1	9/6/2010	Butyl benzyl phthalate	750	ug/Kg	U
SEE09031650PML1	9/3/2010	Butyl benzyl phthalate	750	ug/Kg	U
SEE09031650PML1	9/3/2010	Butyl benzyl phthalate	750	ug/Kg	U
SEE10191100JDF1	10/19/2010	Butyl benzyl phthalate	740	ug/Kg	U
SEE10141150JDF1	10/14/2010	Butyl benzyl phthalate	740	ug/Kg	U
SEE10101010PML1	10/10/2010	Butyl benzyl phthalate	740	ug/Kg	U
SEE10081051RCM1	10/8/2010	Butyl benzyl phthalate	740	ug/Kg	U
SEE09261625JDF1	9/26/2010	Butyl benzyl phthalate	740	ug/Kg	U
SEE09261625JDF1	9/26/2010	Butyl benzyl phthalate	740	ug/Kg	U
SEE09191530PML1	9/19/2010	Butyl benzyl phthalate	740	ug/Kg	U
SEE09151145PML1	9/15/2010	Butyl benzyl phthalate	740	ug/Kg	U
SEE09151145PML1	9/15/2010	Butyl benzyl phthalate	740	ug/Kg	U
SEE09121055PML1	9/12/2010	Butyl benzyl phthalate	740	ug/Kg	UJ
SEE09121055PML1	9/12/2010	Butyl benzyl phthalate	740	ug/Kg	UJ
SEE09091515PML1	9/9/2010	Butyl benzyl phthalate	740	ug/Kg	U
SEE09081010PML1	9/8/2010	Butyl benzyl phthalate	740	ug/Kg	U
SEE08311045PML1	8/31/2010	Butyl benzyl phthalate	740	ug/Kg	U
SEE10161530JDF1	10/16/2010	Butyl benzyl phthalate	730	ug/Kg	U
SEE10141550JDF1	10/14/2010	Butyl benzyl phthalate	730	ug/Kg	U
SEE10141550JDF1	10/14/2010	Butyl benzyl phthalate	730	ug/Kg	U
SEE10121155JDF1	10/12/2010	Butyl benzyl phthalate	730	ug/Kg	U
SEE10011120JDF1	10/1/2010	Butyl benzyl phthalate	730	ug/Kg	U
SEE09260930RCM1	9/26/2010	Butyl benzyl phthalate	730	ug/Kg	U
SEE09230955RCM1	9/23/2010	Butyl benzyl phthalate	730	ug/Kg	U
SEE09151015PML1	9/15/2010	Butyl benzyl phthalate	730	ug/Kg	U
SEE09111015PML1	9/11/2010	Butyl benzyl phthalate	730	ug/Kg	UJ
SEE08281505PML1	8/28/2010	Butyl benzyl phthalate	730	ug/kg	U
SEE10181210JDF1	10/18/2010	Butyl benzyl phthalate	720	ug/Kg	U
SEE10150945JDF1	10/15/2010	Butyl benzyl phthalate	720	ug/Kg	U
SEE10120930JDF1	10/12/2010	Butyl benzyl phthalate	720	ug/Kg	U
SEE10081231PML1	10/8/2010	Butyl benzyl phthalate	720	ug/Kg	U
SEE10071042RCM1	10/7/2010	Butyl benzyl phthalate	720	ug/Kg	U
SEE10071101PML1	10/7/2010	Butyl benzyl phthalate	720	ug/Kg	U
SEE09261215JDF1	9/26/2010	Butyl benzyl phthalate	720	ug/Kg	U
SEE09011050PML1	9/1/2010	Butyl benzyl phthalate	720	ug/Kg	U
SEE08271215PML1	8/27/2010	Butyl benzyl phthalate	720	ug/kg	U
SEE10221055DWS1	10/22/2010	Butyl benzyl phthalate	710	ug/Kg	U
SEE09221440JDF1	9/22/2010	Butyl benzyl phthalate	710	ug/Kg	U
SEE09040950PML1	9/4/2010	Butyl benzyl phthalate	710	ug/Kg	U
SEE10181430JWP1	10/18/2010	Butyl benzyl phthalate	700	ug/Kg	U
SEE10161115ARM1	10/16/2010	Butyl benzyl phthalate	700	ug/Kg	U
SEE10061640PML1	10/6/2010	Butyl benzyl phthalate	700	ug/Kg	U
SEE10061640PML1	10/6/2010	Butyl benzyl phthalate	700	ug/Kg	U
SEE09301205RCM1	9/30/2010	Butyl benzyl phthalate	700	ug/Kg	U
SEE09211155JDF1	9/21/2010	Butyl benzyl phthalate	700	ug/Kg	U
SEE09201115RCM1	9/20/2010	Butyl benzyl phthalate	700	ug/Kg	U

**TABLE B-2b**  
**Upstream Sediment Samples (Morrow Lake)**

Sample ID	Sample Date	Analyte	Result	Unit	Data Qualifier
SEE09171445RCM1	9/17/2010	Butyl benzyl phthalate	700	ug/Kg	UJ
SEE09161035RCM1	9/16/2010	Butyl benzyl phthalate	700	ug/Kg	U
SEE10191010JWP1	10/19/2010	Butyl benzyl phthalate	690	ug/Kg	U
SEE10041150JDF1	10/4/2010	Butyl benzyl phthalate	690	ug/Kg	U
SEE09121450PML1	9/12/2010	Butyl benzyl phthalate	690	ug/Kg	UJ
SEE08301520JRP1	8/30/2010	Butyl benzyl phthalate	690	ug/Kg	U
SEE08271614TWH1	8/27/2010	Butyl benzyl phthalate	690	ug/kg	U
SEE10111125JDF1	10/11/2010	Butyl benzyl phthalate	680	ug/Kg	U
SEE09271130JDF1	9/27/2010	Butyl benzyl phthalate	680	ug/Kg	U
SEE09131620PML1	9/13/2010	Butyl benzyl phthalate	680	ug/Kg	UJ
SEE09061130MHS1	9/6/2010	Butyl benzyl phthalate	680	ug/Kg	U
SEE08261445JRP1	8/26/2010	Butyl benzyl phthalate	680	ug/Kg	U
SEE10031425JDF1	10/3/2010	Butyl benzyl phthalate	670	ug/Kg	U
SEE09291035JDF1	9/29/2010	Butyl benzyl phthalate	670	ug/Kg	U
SEE09250905RCM1	9/25/2010	Butyl benzyl phthalate	670	ug/Kg	U
SEE09211530JDF1	9/21/2010	Butyl benzyl phthalate	670	ug/Kg	U
SEE09131125PML1	9/13/2010	Butyl benzyl phthalate	670	ug/Kg	U
SEE09091605PML1	9/9/2010	Butyl benzyl phthalate	670	ug/Kg	U
SEE09041350PML1	9/4/2010	Butyl benzyl phthalate	670	ug/Kg	U
SEE09011255PML1	9/1/2010	Butyl benzyl phthalate	670	ug/Kg	U
SEE09170945PML1	9/17/2010	Butyl benzyl phthalate	660	ug/Kg	UJ
SEE09091145PML1	9/9/2010	Butyl benzyl phthalate	660	ug/Kg	U
SEE08301445JRP1	8/30/2010	Butyl benzyl phthalate	660	ug/Kg	U
SEE08271500PML1	8/27/2010	Butyl benzyl phthalate	660	ug/kg	U
SEE09091410PML1	9/9/2010	Butyl benzyl phthalate	650	ug/Kg	U
SEE09171125PML1	9/17/2010	Butyl benzyl phthalate	640	ug/Kg	UJ
SEE09051015PML1	9/5/2010	Butyl benzyl phthalate	640	ug/Kg	U
SEE10161415JDF1	10/16/2010	Butyl benzyl phthalate	630	ug/Kg	U
SEE10111011JDF1	10/11/2010	Butyl benzyl phthalate	630	ug/Kg	U
SEE09130940PML1	9/13/2010	Butyl benzyl phthalate	630	ug/Kg	U
SEE08301015JRP1	8/30/2010	Butyl benzyl phthalate	630	ug/Kg	U
SEE10121415ARM1	10/12/2010	Butyl benzyl phthalate	620	ug/Kg	U
SEE10071540PML1	10/7/2010	Butyl benzyl phthalate	620	ug/Kg	U
SEE09031115JAW1	9/3/2010	Butyl benzyl phthalate	620	ug/Kg	U
SEE08301530JAW1	8/30/2010	Butyl benzyl phthalate	620	ug/Kg	U
SEE10161055JDF1	10/16/2010	Butyl benzyl phthalate	610	ug/Kg	U
SEE10071205PML1	10/7/2010	Butyl benzyl phthalate	610	ug/Kg	U
SEE09271515JDF1	9/27/2010	Butyl benzyl phthalate	610	ug/Kg	U
SEE09211112RCM1	9/21/2010	Butyl benzyl phthalate	610	ug/Kg	U
SEE09201645ARM1	9/20/2010	Butyl benzyl phthalate	610	ug/Kg	U
SEE09171530PML1	9/17/2010	Butyl benzyl phthalate	610	ug/Kg	UJ
SEE09091010PML1	9/9/2010	Butyl benzyl phthalate	610	ug/Kg	U
SEE09091025JRP1	9/9/2010	Butyl benzyl phthalate	610	ug/Kg	U
SEE10111350JDF1	10/11/2010	Butyl benzyl phthalate	600	ug/Kg	U
SEE09290925JDF1	9/29/2010	Butyl benzyl phthalate	600	ug/Kg	U
SEE09221105JDF1	9/22/2010	Butyl benzyl phthalate	600	ug/Kg	U
SEE09221615JDF1	9/22/2010	Butyl benzyl phthalate	600	ug/Kg	U
SEE10151055ARM1	10/15/2010	Butyl benzyl phthalate	590	ug/Kg	U
SEE09301255MAE1	9/30/2010	Butyl benzyl phthalate	590	ug/Kg	U
SEE09011145PML1	9/1/2010	Butyl benzyl phthalate	590	ug/Kg	U
SEE08291110PML1	8/29/2010	Butyl benzyl phthalate	590	ug/kg	U
SEE10041050JDF1	10/4/2010	Butyl benzyl phthalate	580	ug/Kg	U
SEE09231130ARM1	9/23/2010	Butyl benzyl phthalate	580	ug/Kg	U
SEE10121030JDF1	10/12/2010	Butyl benzyl phthalate	570	ug/Kg	U
SEE10041335JDF1	10/4/2010	Butyl benzyl phthalate	570	ug/Kg	U
SEE09271025ARM1	9/27/2010	Butyl benzyl phthalate	570	ug/Kg	U
SEE08281215PML1	8/28/2010	Butyl benzyl phthalate	570	ug/kg	U
SEE08281420TWH1	8/28/2010	Butyl benzyl phthalate	570	ug/kg	U
SEE10040945JDF1	10/4/2010	Butyl benzyl phthalate	560	ug/Kg	U
SEE09130955JRP1	9/13/2010	Butyl benzyl phthalate	560	ug/Kg	U

**TABLE B-2b**  
**Upstream Sediment Samples (Morrow Lake)**

Sample ID	Sample Date	Analyte	Result	Unit	Data Qualifier
SEE09291645JDF1	9/29/2010	Butyl benzyl phthalate	550	ug/Kg	U
SEE08281510TWH1	8/28/2010	Butyl benzyl phthalate	540	ug/kg	U
SEE09141312RCM1	9/14/2010	Butyl benzyl phthalate	530	ug/Kg	U
SEE08291421KAP1	8/29/2010	Butyl benzyl phthalate	510	ug/kg	U
SEE08271652TWH1	8/27/2010	Butyl benzyl phthalate	500	ug/kg	U
SEE10151355ARM1	10/15/2010	Butyl benzyl phthalate	480	ug/Kg	U
SEE10041355ARM1	10/4/2010	Butyl benzyl phthalate	480	ug/Kg	U
SEE09090900JRP1	9/9/2010	Butyl benzyl phthalate	470	ug/Kg	U
SEE08311010JRP1	8/31/2010	Butyl benzyl phthalate	470	ug/Kg	U
SEE08311348MHS1	8/31/2010	Butyl benzyl phthalate	470	ug/Kg	U
SEE10170915JDF1	10/17/2010	Butyl benzyl phthalate	460	ug/Kg	U
SEE10071415ARM1	10/7/2010	Butyl benzyl phthalate	460	ug/Kg	U
SEE09291135JDF1	9/29/2010	Butyl benzyl phthalate	460	ug/Kg	U
SEE10071151RCM1	10/7/2010	Butyl benzyl phthalate	430	ug/Kg	U
SEE08300920JRP1	8/30/2010	Butyl benzyl phthalate	410	ug/Kg	U
SEE08291550KAP1	8/29/2010	Butyl benzyl phthalate	410	ug/kg	U
SEE10221450DWS1	10/22/2010	Butyl benzyl phthalate	390	ug/Kg	U
SEE09051500MHS1	9/5/2010	Butyl benzyl phthalate	380	ug/Kg	U
SEE10141025ARM1	10/14/2010	Butyl benzyl phthalate	370	ug/Kg	U
SEE10211345JWP1	10/21/2010	Butyl benzyl phthalate	330	ug/Kg	U
SEE10091200ARM1	10/9/2010	Butyl benzyl phthalate	330	ug/Kg	UJ
SEE09130915JRP1	9/13/2010	Butyl benzyl phthalate	330	ug/Kg	U
SEE08291354KAP1	8/29/2010	Butyl benzyl phthalate	330	ug/kg	U
SEE09061610JAW1	9/6/2010	Butyl benzyl phthalate	290	ug/Kg	U
SEE10051415ARM1	10/5/2010	Butyl benzyl phthalate	280	ug/Kg	U
SEE10171535ARM1	10/17/2010	Butyl benzyl phthalate	270	ug/Kg	U
SEE08291445PML1	8/29/2010	Butyl benzyl phthalate	270	ug/kg	U
SEE08261700JRP1	8/26/2010	Butyl benzyl phthalate	270	ug/Kg	U
SEE09100945RCM1	9/10/2010	Butyl benzyl phthalate	260	ug/Kg	UJ
SEE08301410JRP1	8/30/2010	Butyl benzyl phthalate	260	ug/Kg	U
SEE10011125ARM1	10/1/2010	Butyl benzyl phthalate	250	ug/Kg	U
SEE09211120ARM1	9/21/2010	Butyl benzyl phthalate	250	ug/Kg	U
SEE09201110ARM1	9/20/2010	Butyl benzyl phthalate	250	ug/Kg	U
SEF10221050MAE3	10/22/2010	Butyl benzyl phthalate	240	ug/Kg	U
SEF10191135NAC3	10/19/2010	Butyl benzyl phthalate	240	ug/Kg	U
SEE10081035ARM1	10/8/2010	Butyl benzyl phthalate	240	ug/Kg	U
SEE09171200ARM1	9/17/2010	Butyl benzyl phthalate	240	ug/Kg	UJ
SEF10011045TDF1	10/1/2010	Butyl benzyl phthalate	230	ug/Kg	U
SEE09290915MAE1	9/29/2010	Butyl benzyl phthalate	230	ug/Kg	U
SEE09271500ARM1	9/27/2010	Butyl benzyl phthalate	230	ug/Kg	U
SEE09231205RCM1	9/23/2010	Butyl benzyl phthalate	230	ug/Kg	U
SEE09200911RCM1	9/20/2010	Butyl benzyl phthalate	230	ug/Kg	U
SEE09140945JRP1	9/14/2010	Butyl benzyl phthalate	230	ug/Kg	U
SEE08271445JRP1	8/27/2010	Butyl benzyl phthalate	230	ug/kg	U
SEF10081108TDF3	10/8/2010	Butyl benzyl phthalate	220	ug/Kg	U
SEE10071045ARM1	10/7/2010	Butyl benzyl phthalate	220	ug/Kg	U
SEE10041045ARM1	10/4/2010	Butyl benzyl phthalate	220	ug/Kg	U
SEE10011043RCM1	10/1/2010	Butyl benzyl phthalate	220	ug/Kg	U
SEE09281445RCM1	9/28/2010	Butyl benzyl phthalate	220	ug/Kg	U
SEE09251235ARM1	9/25/2010	Butyl benzyl phthalate	220	ug/Kg	U
SEE09231035ARM1	9/23/2010	Butyl benzyl phthalate	220	ug/Kg	U
SEE09170935RCM1	9/17/2010	Butyl benzyl phthalate	220	ug/Kg	UJ
SEE09150915JRP1	9/15/2010	Butyl benzyl phthalate	220	ug/Kg	U
SEE09070930JRP1	9/7/2010	Butyl benzyl phthalate	220	ug/Kg	U
SEB09011143JLS1	9/1/2010	Butyl benzyl phthalate	220	ug/Kg	U
SEE08301100JRP1	8/30/2010	Butyl benzyl phthalate	220	ug/Kg	U
SEE08271536TWH1	8/27/2010	Butyl benzyl phthalate	220	ug/kg	U
SEE10191115JWP1	10/19/2010	Butyl benzyl phthalate	210	ug/Kg	U
SEF10151030PMB3	10/15/2010	Butyl benzyl phthalate	210	ug/Kg	U
SEF10121130PMB3	10/12/2010	Butyl benzyl phthalate	210	ug/Kg	U

**TABLE B-2b**  
**Upstream Sediment Samples (Morrow Lake)**

Sample ID	Sample Date	Analyte	Result	Unit	Data Qualifier
SEE10061135ARM1	10/6/2010	Butyl benzyl phthalate	210	ug/Kg	U
SEF10051206TDF3	10/5/2010	Butyl benzyl phthalate	210	ug/Kg	U
SEE09100920JRP1	9/10/2010	Butyl benzyl phthalate	210	ug/Kg	UJ
SEE09051500JAW1	9/5/2010	Butyl benzyl phthalate	210	ug/Kg	U
SEB08281400JLS1	8/28/2010	Butyl benzyl phthalate	210	ug/kg	U
SEE08281540JRP1	8/28/2010	Butyl benzyl phthalate	210	ug/kg	U
SEE10131035ARM1	10/13/2010	Butyl benzyl phthalate	200	ug/Kg	U
SEE10121040ARM1	10/12/2010	Butyl benzyl phthalate	200	ug/Kg	U
SEE10051145RCM1	10/5/2010	Butyl benzyl phthalate	200	ug/Kg	U
SEE09301025MAE1	9/30/2010	Butyl benzyl phthalate	200	ug/Kg	U
SEF09281139TDF1	9/28/2010	Butyl benzyl phthalate	200	ug/Kg	U
SEE09221045ARM1	9/22/2010	Butyl benzyl phthalate	200	ug/Kg	U
SEE09080930JRP1	9/8/2010	Butyl benzyl phthalate	200	ug/Kg	U
SEE09011515JAW1	9/1/2010	Butyl benzyl phthalate	200	ug/Kg	U
SEE10181030JWP1	10/18/2010	Butyl benzyl phthalate	190	ug/Kg	U
ML-07-S-081810	8/18/2010	Butyl benzyl phthalate	0.37	mg/Kg	UJ
ML-06-S-082310	8/23/2010	Butyl benzyl phthalate	0.33	mg/Kg	U
ML-04-S-081710	8/17/2010	Butyl benzyl phthalate	0.32	mg/Kg	U
ML-04-S-082610	8/26/2010	Butyl benzyl phthalate	0.31	mg/Kg	U
ML-03-S-082310	8/23/2010	Butyl benzyl phthalate	0.31	mg/Kg	U
ML-09-S-081810	8/18/2010	Butyl benzyl phthalate	0.31	mg/Kg	UJ
ML-06-S-081710	8/17/2010	Butyl benzyl phthalate	0.31	mg/Kg	U
ML-10-S-082610	8/26/2010	Butyl benzyl phthalate	0.30	mg/Kg	U
ML-10-S-082610	8/26/2010	Butyl benzyl phthalate	0.30	mg/Kg	U
ML-05-S-082310	8/23/2010	Butyl benzyl phthalate	0.28	mg/Kg	U
ML-01-S-081910	8/19/2010	Butyl benzyl phthalate	0.27	mg/Kg	U
ML-05-S-081710	8/17/2010	Butyl benzyl phthalate	0.26	mg/Kg	U
ML-02-S-082310	8/23/2010	Butyl benzyl phthalate	0.25	mg/Kg	U
ML-10-S-082110	8/21/2010	Butyl benzyl phthalate	0.24	mg/Kg	
ML-10-S-082110	8/21/2010	Butyl benzyl phthalate	0.24	mg/Kg	
ML-02-S-081710	8/17/2010	Butyl benzyl phthalate	0.24	mg/Kg	U
ML-07-S-081610	8/16/2010	Butyl benzyl phthalate	0.24	mg/Kg	
ML-06-S-082510	8/25/2010	Butyl benzyl phthalate	0.18	mg/Kg	U
ML-07-S-082410	8/24/2010	Butyl benzyl phthalate	0.18	mg/Kg	UJ
ML-07-S-082110	8/21/2010	Butyl benzyl phthalate	0.18	mg/Kg	U
ML-05-S-082610	8/26/2010	Butyl benzyl phthalate	0.17	mg/Kg	U
ML-07-S-082510	8/25/2010	Butyl benzyl phthalate	0.17	mg/Kg	U
ML-08-S-082110	8/21/2010	Butyl benzyl phthalate	0.17	mg/Kg	U
ML-08-S-081610	8/16/2010	Butyl benzyl phthalate	0.17	mg/Kg	U
ML-08-S-082510	8/25/2010	Butyl benzyl phthalate	0.16	mg/Kg	U
ML-08-S-082410	8/24/2010	Butyl benzyl phthalate	0.16	mg/Kg	UJ
ML-06-S-082010	8/20/2010	Butyl benzyl phthalate	0.16	mg/Kg	U
ML-01-S-081610	8/16/2010	Butyl benzyl phthalate	0.16	mg/Kg	U
ML-01-S-082510	8/25/2010	Butyl benzyl phthalate	0.15	mg/Kg	U
ML-09-S-082510	8/25/2010	Butyl benzyl phthalate	0.15	mg/Kg	U
ML-04-S-082410	8/24/2010	Butyl benzyl phthalate	0.15	mg/Kg	UJ
ML-10-S-082410	8/24/2010	Butyl benzyl phthalate	0.15	mg/Kg	UJ
ML-10-S-082410	8/24/2010	Butyl benzyl phthalate	0.15	mg/Kg	UJ
ML-09-S-082110	8/21/2010	Butyl benzyl phthalate	0.15	mg/Kg	U
ML-05-S-082010	8/20/2010	Butyl benzyl phthalate	0.15	mg/Kg	U
ML-10-S-081610	8/16/2010	Butyl benzyl phthalate	0.15	mg/Kg	U
ML-10-S-081610	8/16/2010	Butyl benzyl phthalate	0.15	mg/Kg	U
ML-02-S-082510	8/25/2010	Butyl benzyl phthalate	0.14	mg/Kg	U
ML-09-S-082410	8/24/2010	Butyl benzyl phthalate	0.14	mg/Kg	UJ
ML-01-S-082110	8/21/2010	Butyl benzyl phthalate	0.14	mg/Kg	U
ML-03-S-082510	8/25/2010	Butyl benzyl phthalate	0.13	mg/Kg	U
ML-02-S-082010	8/20/2010	Butyl benzyl phthalate	0.13	mg/Kg	U
ML-03-S-082010	8/20/2010	Butyl benzyl phthalate	0.13	mg/Kg	U
ML-04-S-082010	8/20/2010	Butyl benzyl phthalate	0.13	mg/Kg	U
ML-03-S-081610	8/16/2010	Butyl benzyl phthalate	0.12	mg/Kg	U

**TABLE B-2b**  
**Upstream Sediment Samples (Morrow Lake)**

Sample ID	Sample Date	Analyte	Result	Unit	Data Qualifier
ML-10-S-081910	8/19/2010	Butyl benzyl phthalate	0.11	mg/Kg	J
ML-10-S-081910	8/19/2010	Butyl benzyl phthalate	0.11	mg/Kg	J
SEE10151355ARM1	10/15/2010	Cadmium	4000	ug/Kg	
SEE08301445JRP1	8/30/2010	Cadmium	3500	ug/Kg	
SEE10121415ARM1	10/12/2010	Cadmium	3400	ug/Kg	
SEE08301015JRP1	8/30/2010	Cadmium	3400	ug/Kg	
SEE10151055ARM1	10/15/2010	Cadmium	3300	ug/Kg	
SEE09170839RCM1	9/17/2010	Cadmium	3200	ug/Kg	B
SEE08301520JRP1	8/30/2010	Cadmium	3200	ug/Kg	
SEE09011545MHS1	9/1/2010	Cadmium	2900	ug/Kg	
SEE10141555ARM1	10/14/2010	Cadmium	2800	ug/Kg	
SEE09291035JDF1	9/29/2010	Cadmium	2800	ug/Kg	
SEE09061130MHS1	9/6/2010	Cadmium	2700	ug/Kg	
SEE08281607TWH1	8/28/2010	Cadmium	2670	ug/kg	
SEE08271215PML1	8/27/2010	Cadmium	2630	ug/kg	
SEE10061051RCM1	10/6/2010	Cadmium	2600	ug/Kg	
SEE09191445RCM1	9/19/2010	Cadmium	2600	ug/Kg	
SEE09161035RCM1	9/16/2010	Cadmium	2600	ug/Kg	
SEE09101215PML1	9/10/2010	Cadmium	2600	ug/Kg	
SEE09090900JRP1	9/9/2010	Cadmium	2600	ug/Kg	
SEE08281630RCM1	8/28/2010	Cadmium	2580	ug/kg	
SEE10081051RCM1	10/8/2010	Cadmium	2500	ug/Kg	
SEE09291023RCM1	9/29/2010	Cadmium	2500	ug/Kg	
SEE09220935RCM1	9/22/2010	Cadmium	2500	ug/Kg	
SEE09171415PML1	9/17/2010	Cadmium	2500	ug/Kg	B
SEE09171445RCM1	9/17/2010	Cadmium	2500	ug/Kg	B
SEE09121436RCM1	9/12/2010	Cadmium	2500	ug/Kg	
SEE09091005RCM1	9/9/2010	Cadmium	2500	ug/Kg	
SEE09081020RCM1	9/8/2010	Cadmium	2500	ug/Kg	
SEE09011050PML1	9/1/2010	Cadmium	2500	ug/Kg	
SEE08301130PML1	8/30/2010	Cadmium	2500	ug/Kg	
SEE08261620RCM1	8/26/2010	Cadmium	2490	ug/kg	
SEE10161115ARM1	10/16/2010	Cadmium	2400	ug/Kg	
SEE10071042RCM1	10/7/2010	Cadmium	2400	ug/Kg	
SEE10051125PML1	10/5/2010	Cadmium	2400	ug/Kg	
SEE09260930RCM1	9/26/2010	Cadmium	2400	ug/Kg	
SEE09181235PML1	9/18/2010	Cadmium	2400	ug/Kg	
SEE09161045PML1	9/16/2010	Cadmium	2400	ug/Kg	
SEE09141135PML1	9/14/2010	Cadmium	2400	ug/Kg	
SEE09131026RCM1	9/13/2010	Cadmium	2400	ug/Kg	J
SEE09131445RCM1	9/13/2010	Cadmium	2400	ug/Kg	J
SEE09101625PML1	9/10/2010	Cadmium	2400	ug/Kg	
SEE09061500PML1	9/6/2010	Cadmium	2400	ug/Kg	
SEE09051550MHS1	9/5/2010	Cadmium	2400	ug/Kg	
SEE09030925PML1	9/3/2010	Cadmium	2400	ug/Kg	
SEE09021400PML1	9/2/2010	Cadmium	2400	ug/Kg	
SEE09011545PML1	9/1/2010	Cadmium	2400	ug/Kg	
SEE08301550PML1	8/30/2010	Cadmium	2400	ug/Kg	
SEE08301638MHS1	8/30/2010	Cadmium	2400	ug/Kg	
SEE10171410JDF1	10/17/2010	Cadmium	2300	ug/Kg	
SEE10141015JDF1	10/14/2010	Cadmium	2300	ug/Kg	
SEE10131150JDF1	10/13/2010	Cadmium	2300	ug/Kg	
SEE10071205PML1	10/7/2010	Cadmium	2300	ug/Kg	
SEE10041138RCM1	10/4/2010	Cadmium	2300	ug/Kg	J
SEE09301105JDF1	9/30/2010	Cadmium	2300	ug/Kg	
SEE09230955RCM1	9/23/2010	Cadmium	2300	ug/Kg	
SEE09191040PML1	9/19/2010	Cadmium	2300	ug/Kg	
SEE09121105RCM1	9/12/2010	Cadmium	2300	ug/Kg	
SEE09091410RCM1	9/9/2010	Cadmium	2300	ug/Kg	
SEE09071050PML1	9/7/2010	Cadmium	2300	ug/Kg	



**TABLE B-2b**  
**Upstream Sediment Samples (Morrow Lake)**

Sample ID	Sample Date	Analyte	Result	Unit	Data Qualifier
SEE09031140MHS1	9/3/2010	Cadmium	2300	ug/Kg	
SEE08301145MHS1	8/30/2010	Cadmium	2300	ug/Kg	
SEE08261420RCM1	8/26/2010	Cadmium	2290	ug/kg	
SEE08281505PML1	8/28/2010	Cadmium	2240	ug/kg	
SEE10071415ARM1	10/7/2010	Cadmium	2200	ug/Kg	
SEE10051653PML1	10/5/2010	Cadmium	2200	ug/Kg	
SEE10031425JDF1	10/3/2010	Cadmium	2200	ug/Kg	
SEE09290925JDF1	9/29/2010	Cadmium	2200	ug/Kg	
SEE09231645JDF1	9/23/2010	Cadmium	2200	ug/Kg	
SEE09170945PML1	9/17/2010	Cadmium	2200	ug/Kg	B
SEE09171125PML1	9/17/2010	Cadmium	2200	ug/Kg	B
SEE09141515PML1	9/14/2010	Cadmium	2200	ug/Kg	
SEE09131505PML1	9/13/2010	Cadmium	2200	ug/Kg	J
SEE09101022PML1	9/10/2010	Cadmium	2200	ug/Kg	
SEE09031645MHS1	9/3/2010	Cadmium	2200	ug/Kg	
SEE09021010PML1	9/2/2010	Cadmium	2200	ug/Kg	
SEE08301530JAW1	8/30/2010	Cadmium	2200	ug/Kg	
SEE10150945JDF1	10/15/2010	Cadmium	2100	ug/Kg	
SEE10111125JDF1	10/11/2010	Cadmium	2100	ug/Kg	
SEE10091401PML1	10/9/2010	Cadmium	2100	ug/Kg	
SEE10071540PML1	10/7/2010	Cadmium	2100	ug/Kg	
SEE09271130JDF1	9/27/2010	Cadmium	2100	ug/Kg	
SEE09251135JDF1	9/25/2010	Cadmium	2100	ug/Kg	
SEE09221440JDF1	9/22/2010	Cadmium	2100	ug/Kg	
SEE09211155JDF1	9/21/2010	Cadmium	2100	ug/Kg	
SEE09201115RCM1	9/20/2010	Cadmium	2100	ug/Kg	
SEE09121450PML1	9/12/2010	Cadmium	2100	ug/Kg	
SEE09061525MHS1	9/6/2010	Cadmium	2100	ug/Kg	
SEE10181430JWP1	10/18/2010	Cadmium	2000	ug/Kg	
SEE10120930JDF1	10/12/2010	Cadmium	2000	ug/Kg	
SEE10071101PML1	10/7/2010	Cadmium	2000	ug/Kg	
SEE09301205RCM1	9/30/2010	Cadmium	2000	ug/Kg	
SEE09301255JDF1	9/30/2010	Cadmium	2000	ug/Kg	
SEE09181705PML1	9/18/2010	Cadmium	2000	ug/Kg	
SEE09171530PML1	9/17/2010	Cadmium	2000	ug/Kg	B
SEE09140945PML1	9/14/2010	Cadmium	2000	ug/Kg	
SEE09130955JRP1	9/13/2010	Cadmium	2000	ug/Kg	J
SEE09131125PML1	9/13/2010	Cadmium	2000	ug/Kg	J
SEE09040950PML1	9/4/2010	Cadmium	2000	ug/Kg	
SEE09011255PML1	9/1/2010	Cadmium	2000	ug/Kg	
SEE08311045PML1	8/31/2010	Cadmium	2000	ug/Kg	
SEE08271500PML1	8/27/2010	Cadmium	1980	ug/kg	
SEE10171115JDF1	10/17/2010	Cadmium	1900	ug/Kg	
SEE10081115PML1	10/8/2010	Cadmium	1900	ug/Kg	
SEE10041355ARM1	10/4/2010	Cadmium	1900	ug/Kg	J
SEE10031115JDF1	10/3/2010	Cadmium	1900	ug/Kg	
SEE10031115JDF1	10/3/2010	Cadmium	1900	ug/Kg	
SEE10011120JDF1	10/1/2010	Cadmium	1900	ug/Kg	
SEE09271025ARM1	9/27/2010	Cadmium	1900	ug/Kg	
SEE09261215JDF1	9/26/2010	Cadmium	1900	ug/Kg	
SEE09231210JDF1	9/23/2010	Cadmium	1900	ug/Kg	
SEE09121055PML1	9/12/2010	Cadmium	1900	ug/Kg	
SEE09121055PML1	9/12/2010	Cadmium	1900	ug/Kg	
SEE09091010PML1	9/9/2010	Cadmium	1900	ug/Kg	
SEE09091025JRP1	9/9/2010	Cadmium	1900	ug/Kg	
SEE09091145PML1	9/9/2010	Cadmium	1900	ug/Kg	
SEE09091515PML1	9/9/2010	Cadmium	1900	ug/Kg	
SEE09081205PML1	9/8/2010	Cadmium	1900	ug/Kg	
SEE09051130PML1	9/5/2010	Cadmium	1900	ug/Kg	
SEE09031650PML1	9/3/2010	Cadmium	1900	ug/Kg	

**TABLE B-2b**  
**Upstream Sediment Samples (Morrow Lake)**

Sample ID	Sample Date	Analyte	Result	Unit	Data Qualifier
SEE09031650PML1	9/3/2010	Cadmium	1900	ug/Kg	
SEE09011145PML1	9/1/2010	Cadmium	1900	ug/Kg	
SEE08311420PML1	8/31/2010	Cadmium	1900	ug/Kg	
SEE08311420PML1	8/31/2010	Cadmium	1900	ug/Kg	
SEE10161530JDF1	10/16/2010	Cadmium	1800	ug/Kg	
SEE10141550JDF1	10/14/2010	Cadmium	1800	ug/Kg	
SEE10141550JDF1	10/14/2010	Cadmium	1800	ug/Kg	
SEE10111011JDF1	10/11/2010	Cadmium	1800	ug/Kg	
SEE10111350JDF1	10/11/2010	Cadmium	1800	ug/Kg	
SEE10041530JDF1	10/4/2010	Cadmium	1800	ug/Kg	J
SEE09271515JDF1	9/27/2010	Cadmium	1800	ug/Kg	
SEE09221105JDF1	9/22/2010	Cadmium	1800	ug/Kg	
SEE09211112RCM1	9/21/2010	Cadmium	1800	ug/Kg	
SEE09191530PML1	9/19/2010	Cadmium	1800	ug/Kg	
SEE09130940PML1	9/13/2010	Cadmium	1800	ug/Kg	J
SEE09111015PML1	9/11/2010	Cadmium	1800	ug/Kg	
SEE09091410PML1	9/9/2010	Cadmium	1800	ug/Kg	
SEE09081010PML1	9/8/2010	Cadmium	1800	ug/Kg	
SEE09061105PML1	9/6/2010	Cadmium	1800	ug/Kg	
SEE09031100PML1	9/3/2010	Cadmium	1800	ug/Kg	
SEE10121155JDF1	10/12/2010	Cadmium	1700	ug/Kg	
SEE10091614PML1	10/9/2010	Cadmium	1700	ug/Kg	
SEE10081231PML1	10/8/2010	Cadmium	1700	ug/Kg	
SEE10041150JDF1	10/4/2010	Cadmium	1700	ug/Kg	J
SEE09261625JDF1	9/26/2010	Cadmium	1700	ug/Kg	
SEE09261625JDF1	9/26/2010	Cadmium	1700	ug/Kg	
SEE09250905RCM1	9/25/2010	Cadmium	1700	ug/Kg	
SEE09231130ARM1	9/23/2010	Cadmium	1700	ug/Kg	
SEE09211530JDF1	9/21/2010	Cadmium	1700	ug/Kg	
SEE09131620PML1	9/13/2010	Cadmium	1700	ug/Kg	J
SEE09051015PML1	9/5/2010	Cadmium	1700	ug/Kg	
SEE09051430PML1	9/5/2010	Cadmium	1700	ug/Kg	
SEE09031115JAW1	9/3/2010	Cadmium	1700	ug/Kg	
SEE09011635PML1	9/1/2010	Cadmium	1700	ug/Kg	
SEE08281215PML1	8/28/2010	Cadmium	1700	ug/kg	
SEE08261445JRP1	8/26/2010	Cadmium	1700	ug/Kg	
SEE08291421KAP1	8/29/2010	Cadmium	1680	ug/kg	
SEE10161055JDF1	10/16/2010	Cadmium	1600	ug/Kg	
SEE10161415JDF1	10/16/2010	Cadmium	1600	ug/Kg	
SEE10141150JDF1	10/14/2010	Cadmium	1600	ug/Kg	
SEE10101215PML1	10/10/2010	Cadmium	1600	ug/Kg	
SEE10101215PML1	10/10/2010	Cadmium	1600	ug/Kg	
SEE10061205PML1	10/6/2010	Cadmium	1600	ug/Kg	
SEE10061640PML1	10/6/2010	Cadmium	1600	ug/Kg	
SEE10061640PML1	10/6/2010	Cadmium	1600	ug/Kg	
SEE10041050JDF1	10/4/2010	Cadmium	1600	ug/Kg	J
SEE09221615JDF1	9/22/2010	Cadmium	1600	ug/Kg	
SEE09200945PML1	9/20/2010	Cadmium	1600	ug/Kg	
SEE09200945PML1	9/20/2010	Cadmium	1600	ug/Kg	
SEE09091605PML1	9/9/2010	Cadmium	1600	ug/Kg	
SEE09041350PML1	9/4/2010	Cadmium	1600	ug/Kg	
SEE08281420TWH1	8/28/2010	Cadmium	1590	ug/kg	
SEE10181035JDF1	10/18/2010	Cadmium	1500	ug/Kg	
SEE10101010PML1	10/10/2010	Cadmium	1500	ug/Kg	
SEE10040945JDF1	10/4/2010	Cadmium	1500	ug/Kg	J
SEE09301255MAE1	9/30/2010	Cadmium	1500	ug/Kg	
SEE09201645ARM1	9/20/2010	Cadmium	1500	ug/Kg	
SEE09151015PML1	9/15/2010	Cadmium	1400	ug/Kg	
SEE09151145PML1	9/15/2010	Cadmium	1400	ug/Kg	
SEE09151145PML1	9/15/2010	Cadmium	1400	ug/Kg	

**TABLE B-2b**  
**Upstream Sediment Samples (Morrow Lake)**

Sample ID	Sample Date	Analyte	Result	Unit	Data Qualifier
SEE08271145RCM1	8/27/2010	Cadmium	1400	ug/kg	
SEE08291550KAP1	8/29/2010	Cadmium	1330	ug/kg	
SEE10121030JDF1	10/12/2010	Cadmium	1300	ug/Kg	
SEE10041335JDF1	10/4/2010	Cadmium	1300	ug/Kg	J
SEE08300920JRP1	8/30/2010	Cadmium	1300	ug/Kg	
SEE10181210JDF1	10/18/2010	Cadmium	1200	ug/Kg	
SEE10181510JDF1	10/18/2010	Cadmium	1200	ug/Kg	
SEE10181510JDF1	10/18/2010	Cadmium	1200	ug/Kg	
SEE09141312RCM1	9/14/2010	Cadmium	1200	ug/Kg	
SEE08291110PML1	8/29/2010	Cadmium	1180	ug/kg	
SEE08281510TWH1	8/28/2010	Cadmium	1140	ug/kg	
SEE09291135JDF1	9/29/2010	Cadmium	1100	ug/Kg	
SEE10170915JDF1	10/17/2010	Cadmium	1000	ug/Kg	
SEE09291645JDF1	9/29/2010	Cadmium	1000	ug/Kg	
SEE10051415ARM1	10/5/2010	Cadmium	960	ug/Kg	
SEE08311010JRP1	8/31/2010	Cadmium	950	ug/Kg	
SEE08311348MHS1	8/31/2010	Cadmium	800	ug/Kg	
SEE08271614TWH1	8/27/2010	Cadmium	753	ug/kg	
SEE10071151RCM1	10/7/2010	Cadmium	590	ug/Kg	
SEE10091200ARM1	10/9/2010	Cadmium	550	ug/Kg	
SEE10071045ARM1	10/7/2010	Cadmium	510	ug/Kg	
SEE10141025ARM1	10/14/2010	Cadmium	500	ug/Kg	
SEE08291354KAP1	8/29/2010	Cadmium	499	ug/kg	
SEE10171535ARM1	10/17/2010	Cadmium	480	ug/Kg	
SEE09130915JRP1	9/13/2010	Cadmium	450	ug/Kg	J
SEE09061610JAW1	9/6/2010	Cadmium	440	ug/Kg	
SEE08271652TWH1	8/27/2010	Cadmium	402	ug/kg	
SEE09051500MHS1	9/5/2010	Cadmium	380	ug/Kg	
SEE10011125ARM1	10/1/2010	Cadmium	370	ug/Kg	
SEE09171200ARM1	9/17/2010	Cadmium	330	ug/Kg	B
SEE08301410JRP1	8/30/2010	Cadmium	330	ug/Kg	
SEE09211120ARM1	9/21/2010	Cadmium	270	ug/Kg	
SEE09201110ARM1	9/20/2010	Cadmium	270	ug/Kg	
SEE09231205RCM1	9/23/2010	Cadmium	250	ug/Kg	
SEE08271536TWH1	8/27/2010	Cadmium	223	ug/kg	U
SEE08261700JRP1	8/26/2010	Cadmium	190	ug/Kg	
SEE08291445PML1	8/29/2010	Cadmium	174	ug/kg	J
SEE09170935RCM1	9/17/2010	Cadmium	170	ug/Kg	B
SEE09290915MAE1	9/29/2010	Cadmium	150	ug/Kg	
SEE09271500ARM1	9/27/2010	Cadmium	150	ug/Kg	
SEB09011143JLS1	9/1/2010	Cadmium	150	ug/Kg	J
SEF10121130PMB3	10/12/2010	Cadmium	130	ug/Kg	U
SEF10011045TDF1	10/1/2010	Cadmium	130	ug/Kg	
SEE09150915JRP1	9/15/2010	Cadmium	130	ug/Kg	U
SEE08301100JRP1	8/30/2010	Cadmium	130	ug/Kg	
SEE08271445JRP1	8/27/2010	Cadmium	121	ug/kg	J
SEE10131035ARM1	10/13/2010	Cadmium	120	ug/Kg	U
SEE09100945RCM1	9/10/2010	Cadmium	120	ug/Kg	J
SEE10181030JWP1	10/18/2010	Cadmium	110	ug/Kg	U
SEE09281445RCM1	9/28/2010	Cadmium	86	ug/Kg	J
SEE09200911RCM1	9/20/2010	Cadmium	82	ug/Kg	J
SEF10051206TDF3	10/5/2010	Cadmium	78	ug/Kg	J
SEE09140945JRP1	9/14/2010	Cadmium	76	ug/Kg	J
SEE10061135ARM1	10/6/2010	Cadmium	74	ug/Kg	J
SEF09281139TDF1	9/28/2010	Cadmium	71	ug/Kg	J
SEE10081035ARM1	10/8/2010	Cadmium	69	ug/Kg	J
SEE09070930JRP1	9/7/2010	Cadmium	63	ug/Kg	J
SEE09100920JRP1	9/10/2010	Cadmium	62	ug/Kg	J
SEE09011515JAW1	9/1/2010	Cadmium	62	ug/Kg	J
SEE10121040ARM1	10/12/2010	Cadmium	59	ug/Kg	J

**TABLE B-2b**  
**Upstream Sediment Samples (Morrow Lake)**

Sample ID	Sample Date	Analyte	Result	Unit	Data Qualifier
SEF10081108TDF3	10/8/2010	Cadmium	52	ug/Kg	J
SEE08281540JRP1	8/28/2010	Cadmium	51	ug/kg	J
SEE09051500JAW1	9/5/2010	Cadmium	47	ug/Kg	J
SEF10151030PMB3	10/15/2010	Cadmium	46	ug/Kg	J
SEE10011043RCM1	10/1/2010	Cadmium	44	ug/Kg	J
SEE09221045ARM1	9/22/2010	Cadmium	31	ug/Kg	J
SEE09301025MAE1	9/30/2010	Cadmium	30	ug/Kg	J
SEB08281400JLS1	8/28/2010	Cadmium	29	ug/kg	J
SEE09231035ARM1	9/23/2010	Cadmium	29	ug/Kg	J
SEE09251235ARM1	9/25/2010	Cadmium	25	ug/Kg	J
SEE10041045ARM1	10/4/2010	Cadmium	24	ug/Kg	J
SEE10051145RCM1	10/5/2010	Cadmium	20	ug/Kg	J
SEE09080930JRP1	9/8/2010	Cadmium	20	ug/Kg	J
SEE08271145RCM1	8/27/2010	Caprolactam	1600	ug/kg	U
SEE08261620RCM1	8/26/2010	Caprolactam	1400	ug/kg	U
SEE08261420RCM1	8/26/2010	Caprolactam	1200	ug/kg	U
SEE08281607TWH1	8/28/2010	Caprolactam	830	ug/kg	U
SEE08281630RCM1	8/28/2010	Caprolactam	830	ug/kg	U
SEE08281505PML1	8/28/2010	Caprolactam	730	ug/kg	U
SEE08271215PML1	8/27/2010	Caprolactam	720	ug/kg	U
SEE08271614TWH1	8/27/2010	Caprolactam	690	ug/kg	U
SEE08271500PML1	8/27/2010	Caprolactam	660	ug/kg	U
SEE08291110PML1	8/29/2010	Caprolactam	590	ug/kg	U
SEE08281215PML1	8/28/2010	Caprolactam	570	ug/kg	U
SEE08281420TWH1	8/28/2010	Caprolactam	570	ug/kg	U
SEE08281510TWH1	8/28/2010	Caprolactam	540	ug/kg	U
SEE08291421KAP1	8/29/2010	Caprolactam	510	ug/kg	U
SEE08271652TWH1	8/27/2010	Caprolactam	500	ug/kg	U
SEE08291550KAP1	8/29/2010	Caprolactam	410	ug/kg	U
SEE08291354KAP1	8/29/2010	Caprolactam	330	ug/kg	U
SEE08291445PML1	8/29/2010	Caprolactam	270	ug/kg	U
SEE08271445JRP1	8/27/2010	Caprolactam	230	ug/kg	U
SEE08271536TWH1	8/27/2010	Caprolactam	220	ug/kg	U
SEB08281400JLS1	8/28/2010	Caprolactam	210	ug/kg	U
SEE08281540JRP1	8/28/2010	Caprolactam	210	ug/kg	U
ML-07-S-081810	8/18/2010	Caprolactam	1.5	mg/Kg	UJ
ML-06-S-082310	8/23/2010	Caprolactam	1.3	mg/Kg	U
ML-04-S-081710	8/17/2010	Caprolactam	1.3	mg/Kg	U
ML-04-S-082610	8/26/2010	Caprolactam	1.2	mg/Kg	U
ML-10-S-082610	8/26/2010	Caprolactam	1.2	mg/Kg	U
ML-10-S-082610	8/26/2010	Caprolactam	1.2	mg/Kg	U
ML-03-S-082310	8/23/2010	Caprolactam	1.2	mg/Kg	U
ML-10-S-081910	8/19/2010	Caprolactam	1.2	mg/Kg	U
ML-10-S-081910	8/19/2010	Caprolactam	1.2	mg/Kg	U
ML-09-S-081810	8/18/2010	Caprolactam	1.2	mg/Kg	UJ
ML-06-S-081710	8/17/2010	Caprolactam	1.2	mg/Kg	U
ML-05-S-082310	8/23/2010	Caprolactam	1.1	mg/Kg	U
ML-01-S-081910	8/19/2010	Caprolactam	1.1	mg/Kg	U
ML-02-S-082310	8/23/2010	Caprolactam	1.0	mg/Kg	U
ML-05-S-081710	8/17/2010	Caprolactam	1.0	mg/Kg	U
ML-02-S-081710	8/17/2010	Caprolactam	0.97	mg/Kg	U
ML-07-S-082110	8/21/2010	Caprolactam	0.72	mg/Kg	U
ML-07-S-082410	8/24/2010	Caprolactam	0.71	mg/Kg	UJ
ML-05-S-082610	8/26/2010	Caprolactam	0.70	mg/Kg	U
ML-06-S-082510	8/25/2010	Caprolactam	0.70	mg/Kg	U
ML-07-S-081610	8/16/2010	Caprolactam	0.69	mg/Kg	U
ML-07-S-082510	8/25/2010	Caprolactam	0.68	mg/Kg	U
ML-08-S-081610	8/16/2010	Caprolactam	0.67	mg/Kg	U
ML-08-S-082510	8/25/2010	Caprolactam	0.66	mg/Kg	U
ML-08-S-082110	8/21/2010	Caprolactam	0.66	mg/Kg	U

**TABLE B-2b**  
**Upstream Sediment Samples (Morrow Lake)**

Sample ID	Sample Date	Analyte	Result	Unit	Data Qualifier
ML-06-S-082010	8/20/2010	Caprolactam	0.66	mg/Kg	U
ML-08-S-082410	8/24/2010	Caprolactam	0.65	mg/Kg	UJ
ML-01-S-081610	8/16/2010	Caprolactam	0.65	mg/Kg	U
ML-10-S-081610	8/16/2010	Caprolactam	0.62	mg/Kg	U
ML-10-S-081610	8/16/2010	Caprolactam	0.62	mg/Kg	U
ML-04-S-082410	8/24/2010	Caprolactam	0.61	mg/Kg	UJ
ML-10-S-082410	8/24/2010	Caprolactam	0.61	mg/Kg	UJ
ML-10-S-082410	8/24/2010	Caprolactam	0.61	mg/Kg	UJ
ML-09-S-082110	8/21/2010	Caprolactam	0.61	mg/Kg	U
ML-05-S-082010	8/20/2010	Caprolactam	0.61	mg/Kg	U
ML-01-S-082510	8/25/2010	Caprolactam	0.59	mg/Kg	U
ML-09-S-082510	8/25/2010	Caprolactam	0.59	mg/Kg	U
ML-10-S-082110	8/21/2010	Caprolactam	0.59	mg/Kg	U
ML-10-S-082110	8/21/2010	Caprolactam	0.59	mg/Kg	U
ML-09-S-082410	8/24/2010	Caprolactam	0.57	mg/Kg	UJ
ML-01-S-082110	8/21/2010	Caprolactam	0.57	mg/Kg	U
ML-02-S-082510	8/25/2010	Caprolactam	0.56	mg/Kg	U
ML-03-S-082510	8/25/2010	Caprolactam	0.51	mg/Kg	U
ML-02-S-082010	8/20/2010	Caprolactam	0.51	mg/Kg	U
ML-03-S-082010	8/20/2010	Caprolactam	0.51	mg/Kg	U
ML-04-S-082010	8/20/2010	Caprolactam	0.51	mg/Kg	U
ML-03-S-081610	8/16/2010	Caprolactam	0.50	mg/Kg	U
SEE09051430PML1	9/5/2010	Carbazole	3000	ug/Kg	U
SEE09011635PML1	9/1/2010	Carbazole	3000	ug/Kg	U
SEE08271145RCM1	8/27/2010	Carbazole	1600	ug/kg	U
SEE08261620RCM1	8/26/2010	Carbazole	1400	ug/kg	U
SEE08261420RCM1	8/26/2010	Carbazole	1200	ug/kg	U
SEE10211035JDF1	10/21/2010	Carbazole	960	ug/Kg	UJ
SEE10051125PML1	10/5/2010	Carbazole	930	ug/Kg	U
SEE09061500PML1	9/6/2010	Carbazole	920	ug/Kg	U
SEE09021400PML1	9/2/2010	Carbazole	920	ug/Kg	U
SEE09301105JDF1	9/30/2010	Carbazole	910	ug/Kg	U
SEE08301130PML1	8/30/2010	Carbazole	910	ug/Kg	U
SEE10191005JDF1	10/19/2010	Carbazole	880	ug/Kg	U
SEE10171410JDF1	10/17/2010	Carbazole	880	ug/Kg	U
SEE09181235PML1	9/18/2010	Carbazole	880	ug/Kg	U
SEE09101022PML1	9/10/2010	Carbazole	880	ug/Kg	UJ
SEE09011545PML1	9/1/2010	Carbazole	870	ug/Kg	U
SEE10211430JDF1	10/21/2010	Carbazole	860	ug/Kg	U
SEE09231645JDF1	9/23/2010	Carbazole	860	ug/Kg	U
SEE09141135PML1	9/14/2010	Carbazole	860	ug/Kg	U
SEE09091410RCM1	9/9/2010	Carbazole	860	ug/Kg	U
SEE10081115PML1	10/8/2010	Carbazole	850	ug/Kg	U
SEE09121105RCM1	9/12/2010	Carbazole	850	ug/Kg	UJ
SEE09101215PML1	9/10/2010	Carbazole	850	ug/Kg	UJ
SEE09081020RCM1	9/8/2010	Carbazole	850	ug/Kg	U
SEE09031645MHS1	9/3/2010	Carbazole	850	ug/Kg	U
SEE09011545MHS1	9/1/2010	Carbazole	850	ug/Kg	U
SEE08311420PML1	8/31/2010	Carbazole	850	ug/Kg	U
SEE08311420PML1	8/31/2010	Carbazole	850	ug/Kg	U
SEE10131150JDF1	10/13/2010	Carbazole	840	ug/Kg	U
SEE09301255JDF1	9/30/2010	Carbazole	840	ug/Kg	U
SEE10221110JDF1	10/22/2010	Carbazole	830	ug/Kg	U
SEE10221110JDF1	10/22/2010	Carbazole	830	ug/Kg	U
SEE09030925PML1	9/3/2010	Carbazole	830	ug/Kg	U
SEE08281607TWH1	8/28/2010	Carbazole	830	ug/kg	U
SEE08281630RCM1	8/28/2010	Carbazole	830	ug/kg	U
SEE10191515JDF1	10/19/2010	Carbazole	820	ug/Kg	U
SEE10091401PML1	10/9/2010	Carbazole	820	ug/Kg	UJ
SEE09051550MHS1	9/5/2010	Carbazole	820	ug/Kg	U

**TABLE B-2b**  
**Upstream Sediment Samples (Morrow Lake)**

Sample ID	Sample Date	Analyte	Result	Unit	Data Qualifier
SEE09291023RCM1	9/29/2010	Carbazole	810	ug/Kg	U
SEE09121436RCM1	9/12/2010	Carbazole	810	ug/Kg	UJ
SEE09021010PML1	9/2/2010	Carbazole	810	ug/Kg	U
SEE10041530JDF1	10/4/2010	Carbazole	800	ug/Kg	U
SEE09101625PML1	9/10/2010	Carbazole	800	ug/Kg	UJ
SEE09061525MHS1	9/6/2010	Carbazole	800	ug/Kg	U
SEE09031100PML1	9/3/2010	Carbazole	800	ug/Kg	U
SEE08301638MHS1	8/30/2010	Carbazole	800	ug/Kg	U
SEE10191415JDF1	10/19/2010	Carbazole	790	ug/Kg	U
SEE10181035JDF1	10/18/2010	Carbazole	790	ug/Kg	U
SEE10091614PML1	10/9/2010	Carbazole	790	ug/Kg	UJ
SEE10051653PML1	10/5/2010	Carbazole	790	ug/Kg	U
SEE09231210JDF1	9/23/2010	Carbazole	790	ug/Kg	U
SEE09141515PML1	9/14/2010	Carbazole	790	ug/Kg	U
SEE09131026RCM1	9/13/2010	Carbazole	790	ug/Kg	U
SEE09051130PML1	9/5/2010	Carbazole	790	ug/Kg	U
SEE08301550PML1	8/30/2010	Carbazole	790	ug/Kg	U
SEE10191155JDF1	10/19/2010	Carbazole	780	ug/Kg	U
SEE10171115JDF1	10/17/2010	Carbazole	780	ug/Kg	U
SEE10141015JDF1	10/14/2010	Carbazole	780	ug/Kg	U
SEE09220935RCM1	9/22/2010	Carbazole	780	ug/Kg	U
SEE09191445RCM1	9/19/2010	Carbazole	780	ug/Kg	U
SEE09161045PML1	9/16/2010	Carbazole	780	ug/Kg	U
SEE09071050PML1	9/7/2010	Carbazole	780	ug/Kg	U
SEE10211010JWP1	10/21/2010	Carbazole	770	ug/Kg	U
SEE10181510JDF1	10/18/2010	Carbazole	770	ug/Kg	U
SEE10181510JDF1	10/18/2010	Carbazole	770	ug/Kg	U
SEE10061205PML1	10/6/2010	Carbazole	770	ug/Kg	U
SEE10031115JDF1	10/3/2010	Carbazole	770	ug/Kg	U
SEE10031115JDF1	10/3/2010	Carbazole	770	ug/Kg	U
SEE09171415PML1	9/17/2010	Carbazole	770	ug/Kg	UJ
SEE09140945PML1	9/14/2010	Carbazole	770	ug/Kg	U
SEE09131445RCM1	9/13/2010	Carbazole	770	ug/Kg	U
SEE09131505PML1	9/13/2010	Carbazole	770	ug/Kg	U
SEE08301145MHS1	8/30/2010	Carbazole	770	ug/Kg	U
SEE10141555ARM1	10/14/2010	Carbazole	760	ug/Kg	U
SEE10101215PML1	10/10/2010	Carbazole	760	ug/Kg	U
SEE10101215PML1	10/10/2010	Carbazole	760	ug/Kg	U
SEE09170839RCM1	9/17/2010	Carbazole	760	ug/Kg	UJ
SEE09081205PML1	9/8/2010	Carbazole	760	ug/Kg	U
SEE09031140MHS1	9/3/2010	Carbazole	760	ug/Kg	U
SEE10061051RCM1	10/6/2010	Carbazole	750	ug/Kg	U
SEE10041138RCM1	10/4/2010	Carbazole	750	ug/Kg	U
SEE09251135JDF1	9/25/2010	Carbazole	750	ug/Kg	U
SEE09200945PML1	9/20/2010	Carbazole	750	ug/Kg	U
SEE09200945PML1	9/20/2010	Carbazole	750	ug/Kg	U
SEE09191040PML1	9/19/2010	Carbazole	750	ug/Kg	U
SEE09181705PML1	9/18/2010	Carbazole	750	ug/Kg	U
SEE09091005RCM1	9/9/2010	Carbazole	750	ug/Kg	U
SEE09061105PML1	9/6/2010	Carbazole	750	ug/Kg	U
SEE09031650PML1	9/3/2010	Carbazole	750	ug/Kg	U
SEE09031650PML1	9/3/2010	Carbazole	750	ug/Kg	U
SEE10141150JDF1	10/14/2010	Carbazole	740	ug/Kg	U
SEE10101010PML1	10/10/2010	Carbazole	740	ug/Kg	U
SEE10081051RCM1	10/8/2010	Carbazole	740	ug/Kg	U
SEE09261625JDF1	9/26/2010	Carbazole	740	ug/Kg	U
SEE09261625JDF1	9/26/2010	Carbazole	740	ug/Kg	U
SEE09191530PML1	9/19/2010	Carbazole	740	ug/Kg	U
SEE09151145PML1	9/15/2010	Carbazole	740	ug/Kg	U
SEE09151145PML1	9/15/2010	Carbazole	740	ug/Kg	U

**TABLE B-2b**  
**Upstream Sediment Samples (Morrow Lake)**

Sample ID	Sample Date	Analyte	Result	Unit	Data Qualifier
SEE09121055PML1	9/12/2010	Carbazole	740	ug/Kg	UJ
SEE09121055PML1	9/12/2010	Carbazole	740	ug/Kg	UJ
SEE09091515PML1	9/9/2010	Carbazole	740	ug/Kg	U
SEE09081010PML1	9/8/2010	Carbazole	740	ug/Kg	U
SEE08311045PML1	8/31/2010	Carbazole	740	ug/Kg	U
SEE10161530JDF1	10/16/2010	Carbazole	730	ug/Kg	U
SEE10141550JDF1	10/14/2010	Carbazole	730	ug/Kg	U
SEE10141550JDF1	10/14/2010	Carbazole	730	ug/Kg	U
SEE10121155JDF1	10/12/2010	Carbazole	730	ug/Kg	U
SEE10011120JDF1	10/1/2010	Carbazole	730	ug/Kg	U
SEE09260930RCM1	9/26/2010	Carbazole	730	ug/Kg	U
SEE09230955RCM1	9/23/2010	Carbazole	730	ug/Kg	U
SEE09151015PML1	9/15/2010	Carbazole	730	ug/Kg	U
SEE09111015PML1	9/11/2010	Carbazole	730	ug/Kg	UJ
SEE08281505PML1	8/28/2010	Carbazole	730	ug/kg	U
SEE10181210JDF1	10/18/2010	Carbazole	720	ug/Kg	U
SEE10150945JDF1	10/15/2010	Carbazole	720	ug/Kg	U
SEE10120930JDF1	10/12/2010	Carbazole	720	ug/Kg	U
SEE10081231PML1	10/8/2010	Carbazole	720	ug/Kg	U
SEE10071042RCM1	10/7/2010	Carbazole	720	ug/Kg	U
SEE10071101PML1	10/7/2010	Carbazole	720	ug/Kg	U
SEE09261215JDF1	9/26/2010	Carbazole	720	ug/Kg	U
SEE09011050PML1	9/1/2010	Carbazole	720	ug/Kg	U
SEE08271215PML1	8/27/2010	Carbazole	720	ug/kg	U
SEE10221055DWS1	10/22/2010	Carbazole	710	ug/Kg	U
SEE09221440JDF1	9/22/2010	Carbazole	710	ug/Kg	U
SEE09040950PML1	9/4/2010	Carbazole	710	ug/Kg	U
SEE10181430JWP1	10/18/2010	Carbazole	700	ug/Kg	U
SEE10161115ARM1	10/16/2010	Carbazole	700	ug/Kg	U
SEE10061640PML1	10/6/2010	Carbazole	700	ug/Kg	U
SEE10061640PML1	10/6/2010	Carbazole	700	ug/Kg	U
SEE09301205RCM1	9/30/2010	Carbazole	700	ug/Kg	U
SEE09211155JDF1	9/21/2010	Carbazole	700	ug/Kg	U
SEE09201115RCM1	9/20/2010	Carbazole	700	ug/Kg	U
SEE09171445RCM1	9/17/2010	Carbazole	700	ug/Kg	UJ
SEE09161035RCM1	9/16/2010	Carbazole	700	ug/Kg	U
SEE10191010JWP1	10/19/2010	Carbazole	690	ug/Kg	U
SEE10041150JDF1	10/4/2010	Carbazole	690	ug/Kg	U
SEE09121450PML1	9/12/2010	Carbazole	690	ug/Kg	UJ
SEE08301520JRP1	8/30/2010	Carbazole	690	ug/Kg	U
SEE08271614TWH1	8/27/2010	Carbazole	690	ug/kg	U
SEE10111125JDF1	10/11/2010	Carbazole	680	ug/Kg	U
SEE09271130JDF1	9/27/2010	Carbazole	680	ug/Kg	U
SEE09131620PML1	9/13/2010	Carbazole	680	ug/Kg	UJ
SEE09061130MHS1	9/6/2010	Carbazole	680	ug/Kg	U
SEE08261445JRP1	8/26/2010	Carbazole	680	ug/Kg	U
SEE10031425JDF1	10/3/2010	Carbazole	670	ug/Kg	U
SEE09291035JDF1	9/29/2010	Carbazole	670	ug/Kg	U
SEE09250905RCM1	9/25/2010	Carbazole	670	ug/Kg	U
SEE09211530JDF1	9/21/2010	Carbazole	670	ug/Kg	U
SEE09131125PML1	9/13/2010	Carbazole	670	ug/Kg	U
SEE09091605PML1	9/9/2010	Carbazole	670	ug/Kg	U
SEE09041350PML1	9/4/2010	Carbazole	670	ug/Kg	U
SEE09011255PML1	9/1/2010	Carbazole	670	ug/Kg	U
SEE09170945PML1	9/17/2010	Carbazole	660	ug/Kg	UJ
SEE09091145PML1	9/9/2010	Carbazole	660	ug/Kg	U
SEE08301445JRP1	8/30/2010	Carbazole	660	ug/Kg	U
SEE08271500PML1	8/27/2010	Carbazole	660	ug/kg	U
SEE09091410PML1	9/9/2010	Carbazole	650	ug/Kg	U
SEE09171125PML1	9/17/2010	Carbazole	640	ug/Kg	UJ

**TABLE B-2b**  
**Upstream Sediment Samples (Morrow Lake)**

Sample ID	Sample Date	Analyte	Result	Unit	Data Qualifier
SEE09051015PML1	9/5/2010	Carbazole	640	ug/Kg	U
SEE10161415JDF1	10/16/2010	Carbazole	630	ug/Kg	U
SEE10111011JDF1	10/11/2010	Carbazole	630	ug/Kg	U
SEE09130940PML1	9/13/2010	Carbazole	630	ug/Kg	U
SEE08301015JRP1	8/30/2010	Carbazole	630	ug/Kg	U
SEE10121415ARM1	10/12/2010	Carbazole	620	ug/Kg	U
SEE09031115JAW1	9/3/2010	Carbazole	620	ug/Kg	U
SEE08301530JAW1	8/30/2010	Carbazole	620	ug/Kg	U
SEE10161055JDF1	10/16/2010	Carbazole	610	ug/Kg	U
SEE10071205PML1	10/7/2010	Carbazole	610	ug/Kg	U
SEE09271515JDF1	9/27/2010	Carbazole	610	ug/Kg	U
SEE09211112RCM1	9/21/2010	Carbazole	610	ug/Kg	U
SEE09201645ARM1	9/20/2010	Carbazole	610	ug/Kg	U
SEE09171530PML1	9/17/2010	Carbazole	610	ug/Kg	UJ
SEE09091010PML1	9/9/2010	Carbazole	610	ug/Kg	U
SEE09091025JRP1	9/9/2010	Carbazole	610	ug/Kg	U
SEE10111350JDF1	10/11/2010	Carbazole	600	ug/Kg	U
SEE09290925JDF1	9/29/2010	Carbazole	600	ug/Kg	U
SEE09221105JDF1	9/22/2010	Carbazole	600	ug/Kg	U
SEE09221615JDF1	9/22/2010	Carbazole	600	ug/Kg	U
SEE10151055ARM1	10/15/2010	Carbazole	590	ug/Kg	U
SEE09301255MAE1	9/30/2010	Carbazole	590	ug/Kg	U
SEE09011145PML1	9/1/2010	Carbazole	590	ug/Kg	U
SEE08291110PML1	8/29/2010	Carbazole	590	ug/kg	U
SEE10041050JDF1	10/4/2010	Carbazole	580	ug/Kg	U
SEE09231130ARM1	9/23/2010	Carbazole	580	ug/Kg	U
SEE10121030JDF1	10/12/2010	Carbazole	570	ug/Kg	U
SEE10041335JDF1	10/4/2010	Carbazole	570	ug/Kg	U
SEE09271025ARM1	9/27/2010	Carbazole	570	ug/Kg	U
SEE08281215PML1	8/28/2010	Carbazole	570	ug/kg	U
SEE08281420TWH1	8/28/2010	Carbazole	570	ug/kg	U
SEE10040945JDF1	10/4/2010	Carbazole	560	ug/Kg	U
SEE09130955JRP1	9/13/2010	Carbazole	560	ug/Kg	U
SEE09291645JDF1	9/29/2010	Carbazole	550	ug/Kg	U
SEE08281510TWH1	8/28/2010	Carbazole	540	ug/kg	U
SEE09141312RCM1	9/14/2010	Carbazole	530	ug/Kg	U
SEE08291421KAP1	8/29/2010	Carbazole	510	ug/kg	U
SEE08271652TWH1	8/27/2010	Carbazole	500	ug/kg	U
SEE10151355ARM1	10/15/2010	Carbazole	480	ug/Kg	U
SEE10041355ARM1	10/4/2010	Carbazole	480	ug/Kg	U
SEE09090900JRP1	9/9/2010	Carbazole	470	ug/Kg	U
SEE08311010JRP1	8/31/2010	Carbazole	470	ug/Kg	U
SEE08311348MHS1	8/31/2010	Carbazole	470	ug/Kg	U
SEE10071415ARM1	10/7/2010	Carbazole	460	ug/Kg	U
SEE09291135JDF1	9/29/2010	Carbazole	460	ug/Kg	U
SEE10071151RCM1	10/7/2010	Carbazole	430	ug/Kg	U
SEE08300920JRP1	8/30/2010	Carbazole	410	ug/Kg	U
SEE08291550KAP1	8/29/2010	Carbazole	410	ug/kg	U
SEE10221450DWS1	10/22/2010	Carbazole	390	ug/Kg	U
SEE09051500MHS1	9/5/2010	Carbazole	380	ug/Kg	U
SEE10141025ARM1	10/14/2010	Carbazole	370	ug/Kg	U
SEE10211345JWP1	10/21/2010	Carbazole	330	ug/Kg	U
SEE10091200ARM1	10/9/2010	Carbazole	330	ug/Kg	UJ
SEE08291354KAP1	8/29/2010	Carbazole	330	ug/kg	U
SEE09061610JAW1	9/6/2010	Carbazole	290	ug/Kg	U
SEE10051415ARM1	10/5/2010	Carbazole	280	ug/Kg	U
SEE08291445PML1	8/29/2010	Carbazole	270	ug/kg	U
SEE08261700JRP1	8/26/2010	Carbazole	270	ug/Kg	U
SEE09100945RCM1	9/10/2010	Carbazole	260	ug/Kg	UJ
SEE08301410JRP1	8/30/2010	Carbazole	260	ug/Kg	U



**TABLE B-2b**  
**Upstream Sediment Samples (Morrow Lake)**

Sample ID	Sample Date	Analyte	Result	Unit	Data Qualifier
SEE10011125ARM1	10/1/2010	Carbazole	250	ug/Kg	U
SEE09211120ARM1	9/21/2010	Carbazole	250	ug/Kg	U
SEE09201110ARM1	9/20/2010	Carbazole	250	ug/Kg	U
SEF10221050MAE3	10/22/2010	Carbazole	240	ug/Kg	U
SEF10191135NAC3	10/19/2010	Carbazole	240	ug/Kg	U
SEE10081035ARM1	10/8/2010	Carbazole	240	ug/Kg	U
SEE09171200ARM1	9/17/2010	Carbazole	240	ug/Kg	UJ
SEF10011045TDF1	10/1/2010	Carbazole	230	ug/Kg	U
SEE09290915MAE1	9/29/2010	Carbazole	230	ug/Kg	U
SEE09271500ARM1	9/27/2010	Carbazole	230	ug/Kg	U
SEE09231205RCM1	9/23/2010	Carbazole	230	ug/Kg	U
SEE09200911RCM1	9/20/2010	Carbazole	230	ug/Kg	U
SEE09140945JRP1	9/14/2010	Carbazole	230	ug/Kg	U
SEE08271445JRP1	8/27/2010	Carbazole	230	ug/kg	U
SEF10081108TDF3	10/8/2010	Carbazole	220	ug/Kg	U
SEE10071045ARM1	10/7/2010	Carbazole	220	ug/Kg	U
SEE10041045ARM1	10/4/2010	Carbazole	220	ug/Kg	U
SEE10011043RCM1	10/1/2010	Carbazole	220	ug/Kg	U
SEE09281445RCM1	9/28/2010	Carbazole	220	ug/Kg	U
SEE09251235ARM1	9/25/2010	Carbazole	220	ug/Kg	U
SEE09231035ARM1	9/23/2010	Carbazole	220	ug/Kg	U
SEE09170935RCM1	9/17/2010	Carbazole	220	ug/Kg	UJ
SEE09150915JRP1	9/15/2010	Carbazole	220	ug/Kg	U
SEE09070930JRP1	9/7/2010	Carbazole	220	ug/Kg	U
SEB09011143JLS1	9/1/2010	Carbazole	220	ug/Kg	U
SEE08301100JRP1	8/30/2010	Carbazole	220	ug/Kg	U
SEE08271536TWH1	8/27/2010	Carbazole	220	ug/kg	U
SEF10151030PMB3	10/15/2010	Carbazole	210	ug/Kg	U
SEF10121130PMB3	10/12/2010	Carbazole	210	ug/Kg	U
SEE10061135ARM1	10/6/2010	Carbazole	210	ug/Kg	U
SEF10051206TDF3	10/5/2010	Carbazole	210	ug/Kg	U
SEE09100920JRP1	9/10/2010	Carbazole	210	ug/Kg	UJ
SEE09051500JAW1	9/5/2010	Carbazole	210	ug/Kg	U
SEB08281400JLS1	8/28/2010	Carbazole	210	ug/kg	U
SEE08281540JRP1	8/28/2010	Carbazole	210	ug/kg	U
SEE10131035ARM1	10/13/2010	Carbazole	200	ug/Kg	U
SEE10121040ARM1	10/12/2010	Carbazole	200	ug/Kg	U
SEE10051145RCM1	10/5/2010	Carbazole	200	ug/Kg	U
SEE09301025MAE1	9/30/2010	Carbazole	200	ug/Kg	U
SEF09281139TDF1	9/28/2010	Carbazole	200	ug/Kg	U
SEE09221045ARM1	9/22/2010	Carbazole	200	ug/Kg	U
SEE09080930JRP1	9/8/2010	Carbazole	200	ug/Kg	U
SEE09011515JAW1	9/1/2010	Carbazole	200	ug/Kg	U
SEE10181030JWP1	10/18/2010	Carbazole	190	ug/Kg	U
SEE10071540PML1	10/7/2010	Carbazole	180	ug/Kg	J
SEE10171535ARM1	10/17/2010	Carbazole	150	ug/Kg	J
SEE10170915JDF1	10/17/2010	Carbazole	130	ug/Kg	J
SEE09130915JRP1	9/13/2010	Carbazole	91	ug/Kg	J
SEE10191100JDF1	10/19/2010	Carbazole	85	ug/Kg	J
SEE10191115JWP1	10/19/2010	Carbazole	36	ug/Kg	J
ML-06-S-082310	8/23/2010	Carbazole	6.7	mg/Kg	U
ML-04-S-081710	8/17/2010	Carbazole	6.4	mg/Kg	U
ML-03-S-082310	8/23/2010	Carbazole	6.2	mg/Kg	U
ML-06-S-081710	8/17/2010	Carbazole	6.2	mg/Kg	U
ML-05-S-082310	8/23/2010	Carbazole	5.5	mg/Kg	U
ML-05-S-081710	8/17/2010	Carbazole	5.1	mg/Kg	U
ML-02-S-082310	8/23/2010	Carbazole	5.0	mg/Kg	U
ML-07-S-082110	8/21/2010	Carbazole	3.6	mg/Kg	U
ML-07-S-081610	8/16/2010	Carbazole	3.5	mg/Kg	U
ML-08-S-081610	8/16/2010	Carbazole	3.4	mg/Kg	U

**TABLE B-2b**  
**Upstream Sediment Samples (Morrow Lake)**

Sample ID	Sample Date	Analyte	Result	Unit	Data Qualifier
ML-08-S-082110	8/21/2010	Carbazole	3.3	mg/Kg	U
ML-01-S-081610	8/16/2010	Carbazole	3.3	mg/Kg	U
ML-10-S-081610	8/16/2010	Carbazole	3.1	mg/Kg	U
ML-10-S-081610	8/16/2010	Carbazole	3.1	mg/Kg	U
ML-09-S-082110	8/21/2010	Carbazole	3.0	mg/Kg	U
ML-10-S-082110	8/21/2010	Carbazole	2.9	mg/Kg	U
ML-10-S-082110	8/21/2010	Carbazole	2.9	mg/Kg	U
ML-01-S-082110	8/21/2010	Carbazole	2.8	mg/Kg	U
ML-03-S-081610	8/16/2010	Carbazole	2.5	mg/Kg	U
SEE10211035JDF1	10/21/2010	Carbon disulfide	930	ug/Kg	U
SEE10191515JDF1	10/19/2010	Carbon disulfide	850	ug/Kg	U
SEE10191005JDF1	10/19/2010	Carbon disulfide	820	ug/Kg	U
SEE10211430JDF1	10/21/2010	Carbon disulfide	810	ug/Kg	U
SEE10221110JDF1	10/22/2010	Carbon disulfide	790	ug/Kg	U
SEE10221110JDF1	10/22/2010	Carbon disulfide	790	ug/Kg	U
SEE10191415JDF1	10/19/2010	Carbon disulfide	760	ug/Kg	U
SEE10191155JDF1	10/19/2010	Carbon disulfide	730	ug/Kg	U
SEE10211010JWP1	10/21/2010	Carbon disulfide	710	ug/Kg	U
SEE10191100JDF1	10/19/2010	Carbon disulfide	710	ug/Kg	U
SEE10141015JDF1	10/14/2010	Carbon disulfide	690	ug/Kg	U
SEE10221055DWS1	10/22/2010	Carbon disulfide	680	ug/Kg	U
SEE10191010JWP1	10/19/2010	Carbon disulfide	680	ug/Kg	U
SEE10221450DWS1	10/22/2010	Carbon disulfide	370	ug/Kg	U
SEE10211345JWP1	10/21/2010	Carbon disulfide	330	ug/Kg	U
SEF10221050MAE3	10/22/2010	Carbon disulfide	230	ug/Kg	U
SEF10191135NAC3	10/19/2010	Carbon disulfide	220	ug/Kg	U
SEE10191115JWP1	10/19/2010	Carbon disulfide	200	ug/Kg	U
SEE09200945PML1	9/20/2010	Carbon disulfide	60	ug/Kg	U
SEE09200945PML1	9/20/2010	Carbon disulfide	60	ug/Kg	U
SEE09201115RCM1	9/20/2010	Carbon disulfide	58	ug/Kg	U
SEE09201645ARM1	9/20/2010	Carbon disulfide	48	ug/Kg	U
SEE10071042RCM1	10/7/2010	Carbon disulfide	45	ug/Kg	U
SEE09061500PML1	9/6/2010	Carbon disulfide	45	ug/Kg	U
SEE08281607TWH1	8/28/2010	Carbon disulfide	44	ug/kg	U
SEE09301105JDF1	9/30/2010	Carbon disulfide	42	ug/Kg	U
SEE09181705PML1	9/18/2010	Carbon disulfide	42	ug/Kg	U
SEE09021400PML1	9/2/2010	Carbon disulfide	41	ug/Kg	U
SEE08301130PML1	8/30/2010	Carbon disulfide	41	ug/Kg	U
SEE10091401PML1	10/9/2010	Carbon disulfide	40	ug/Kg	U
SEE10181035JDF1	10/18/2010	Carbon disulfide	39	ug/Kg	U
SEE10051125PML1	10/5/2010	Carbon disulfide	39	ug/Kg	U
SEE08311045PML1	8/31/2010	Carbon disulfide	39	ug/Kg	U
SEE10141555ARM1	10/14/2010	Carbon disulfide	38	ug/Kg	U
SEE09101215PML1	9/10/2010	Carbon disulfide	38	ug/Kg	U
SEE10161530JDF1	10/16/2010	Carbon disulfide	37	ug/Kg	U
SEE10081115PML1	10/8/2010	Carbon disulfide	37	ug/Kg	U
SEE09030925PML1	9/3/2010	Carbon disulfide	37	ug/Kg	U
SEE09031115JAW1	9/3/2010	Carbon disulfide	37	ug/Kg	U
SEE08281505PML1	8/28/2010	Carbon disulfide	37	ug/kg	U
SEE10171410JDF1	10/17/2010	Carbon disulfide	36	ug/Kg	U
SEE09191530PML1	9/19/2010	Carbon disulfide	36	ug/Kg	U
SEE09181235PML1	9/18/2010	Carbon disulfide	36	ug/Kg	U
SEE09141135PML1	9/14/2010	Carbon disulfide	36	ug/Kg	U
SEE09101022PML1	9/10/2010	Carbon disulfide	36	ug/Kg	U
SEE10171115JDF1	10/17/2010	Carbon disulfide	35	ug/Kg	U
SEE08311420PML1	8/31/2010	Carbon disulfide	35	ug/Kg	U
SEE08311420PML1	8/31/2010	Carbon disulfide	35	ug/Kg	U
SEE08271215PML1	8/27/2010	Carbon disulfide	35	ug/kg	U
SEE10041530JDF1	10/4/2010	Carbon disulfide	34	ug/Kg	U
SEE09121105RCM1	9/12/2010	Carbon disulfide	34	ug/Kg	U

**TABLE B-2b**  
**Upstream Sediment Samples (Morrow Lake)**

Sample ID	Sample Date	Analyte	Result	Unit	Data Qualifier
SEE09011545PML1	9/1/2010	Carbon disulfide	34	ug/Kg	U
SEE08301550PML1	8/30/2010	Carbon disulfide	34	ug/Kg	U
SEE10181210JDF1	10/18/2010	Carbon disulfide	33	ug/Kg	U
SEE10181430JWP1	10/18/2010	Carbon disulfide	33	ug/Kg	U
SEE10181510JDF1	10/18/2010	Carbon disulfide	33	ug/Kg	U
SEE10181510JDF1	10/18/2010	Carbon disulfide	33	ug/Kg	U
SEE10131150JDF1	10/13/2010	Carbon disulfide	33	ug/Kg	U
SEE10101010PML1	10/10/2010	Carbon disulfide	33	ug/Kg	U
SEE10101215PML1	10/10/2010	Carbon disulfide	33	ug/Kg	U
SEE10101215PML1	10/10/2010	Carbon disulfide	33	ug/Kg	U
SEE09140945PML1	9/14/2010	Carbon disulfide	33	ug/Kg	U
SEE09061525MHS1	9/6/2010	Carbon disulfide	33	ug/Kg	U
SEE09051130PML1	9/5/2010	Carbon disulfide	33	ug/Kg	U
SEE09031100PML1	9/3/2010	Carbon disulfide	33	ug/Kg	U
SEE09021010PML1	9/2/2010	Carbon disulfide	33	ug/Kg	U
SEE08281630RCM1	8/28/2010	Carbon disulfide	33	ug/kg	U
SEE10031115JDF1	10/3/2010	Carbon disulfide	32	ug/Kg	U
SEE10031115JDF1	10/3/2010	Carbon disulfide	32	ug/Kg	U
SEE09301205RCM1	9/30/2010	Carbon disulfide	32	ug/Kg	U
SEE09301255JDF1	9/30/2010	Carbon disulfide	32	ug/Kg	U
SEE09231645JDF1	9/23/2010	Carbon disulfide	32	ug/Kg	U
SEE09141515PML1	9/14/2010	Carbon disulfide	32	ug/Kg	U
SEE09101625PML1	9/10/2010	Carbon disulfide	32	ug/Kg	U
SEE09091005RCM1	9/9/2010	Carbon disulfide	32	ug/Kg	U
SEE09061105PML1	9/6/2010	Carbon disulfide	32	ug/Kg	U
SEE09031650PML1	9/3/2010	Carbon disulfide	32	ug/Kg	U
SEE09031650PML1	9/3/2010	Carbon disulfide	32	ug/Kg	U
SEE10081231PML1	10/8/2010	Carbon disulfide	31	ug/Kg	U
SEE09231210JDF1	9/23/2010	Carbon disulfide	31	ug/Kg	U
SEE09161045PML1	9/16/2010	Carbon disulfide	31	ug/Kg	U
SEE09081205PML1	9/8/2010	Carbon disulfide	31	ug/Kg	U
SEE09071050PML1	9/7/2010	Carbon disulfide	31	ug/Kg	U
SEE08301145MHS1	8/30/2010	Carbon disulfide	31	ug/Kg	U
SEE10161115ARM1	10/16/2010	Carbon disulfide	30	ug/Kg	U
SEE10120930JDF1	10/12/2010	Carbon disulfide	30	ug/Kg	U
SEE10071101PML1	10/7/2010	Carbon disulfide	30	ug/Kg	U
SEE09261625JDF1	9/26/2010	Carbon disulfide	30	ug/Kg	U
SEE09261625JDF1	9/26/2010	Carbon disulfide	30	ug/Kg	U
SEE09131445RCM1	9/13/2010	Carbon disulfide	30	ug/Kg	U
SEE09121055PML1	9/12/2010	Carbon disulfide	30	ug/Kg	U
SEE09121055PML1	9/12/2010	Carbon disulfide	30	ug/Kg	U
SEE09121436RCM1	9/12/2010	Carbon disulfide	30	ug/Kg	U
SEE09091410RCM1	9/9/2010	Carbon disulfide	30	ug/Kg	U
SEE09011050PML1	9/1/2010	Carbon disulfide	30	ug/Kg	U
SEE10081051RCM1	10/8/2010	Carbon disulfide	29	ug/Kg	U
SEE10061640PML1	10/6/2010	Carbon disulfide	29	ug/Kg	U
SEE10061640PML1	10/6/2010	Carbon disulfide	29	ug/Kg	U
SEE10051653PML1	10/5/2010	Carbon disulfide	29	ug/Kg	U
SEE09261215JDF1	9/26/2010	Carbon disulfide	29	ug/Kg	U
SEE09231130ARM1	9/23/2010	Carbon disulfide	29	ug/Kg	U
SEE09191040PML1	9/19/2010	Carbon disulfide	29	ug/Kg	U
SEE09131026RCM1	9/13/2010	Carbon disulfide	29	ug/Kg	U
SEE09131505PML1	9/13/2010	Carbon disulfide	29	ug/Kg	U
SEE09040950PML1	9/4/2010	Carbon disulfide	29	ug/Kg	U
SEE10011120JDF1	10/1/2010	Carbon disulfide	28	ug/Kg	U
SEE09211155JDF1	9/21/2010	Carbon disulfide	28	ug/Kg	U
SEE09171415PML1	9/17/2010	Carbon disulfide	28	ug/Kg	U
SEE09151145PML1	9/15/2010	Carbon disulfide	28	ug/Kg	U
SEE09151145PML1	9/15/2010	Carbon disulfide	28	ug/Kg	U
SEE09131620PML1	9/13/2010	Carbon disulfide	28	ug/Kg	U

**TABLE B-2b**  
**Upstream Sediment Samples (Morrow Lake)**

Sample ID	Sample Date	Analyte	Result	Unit	Data Qualifier
SEE09121450PML1	9/12/2010	Carbon disulfide	28	ug/Kg	U
SEE09091515PML1	9/9/2010	Carbon disulfide	28	ug/Kg	U
SEE09081010PML1	9/8/2010	Carbon disulfide	28	ug/Kg	U
SEE09081020RCM1	9/8/2010	Carbon disulfide	28	ug/Kg	U
SEE09011255PML1	9/1/2010	Carbon disulfide	28	ug/Kg	U
SEE08301015JRP1	8/30/2010	Carbon disulfide	28	ug/Kg	U
SEE08261420RCM1	8/26/2010	Carbon disulfide	28	ug/kg	U
SEE10091614PML1	10/9/2010	Carbon disulfide	27	ug/Kg	U
SEE10061205PML1	10/6/2010	Carbon disulfide	27	ug/Kg	U
SEE10041150JDF1	10/4/2010	Carbon disulfide	27	ug/Kg	U
SEE09251135JDF1	9/25/2010	Carbon disulfide	27	ug/Kg	U
SEE09221440JDF1	9/22/2010	Carbon disulfide	27	ug/Kg	U
SEE09170839RCM1	9/17/2010	Carbon disulfide	27	ug/Kg	U
SEE09151015PML1	9/15/2010	Carbon disulfide	27	ug/Kg	U
SEE08291110PML1	8/29/2010	Carbon disulfide	27	ug/kg	U
SEE10141150JDF1	10/14/2010	Carbon disulfide	26	ug/Kg	U
SEE10141550JDF1	10/14/2010	Carbon disulfide	26	ug/Kg	U
SEE10141550JDF1	10/14/2010	Carbon disulfide	26	ug/Kg	U
SEE10121155JDF1	10/12/2010	Carbon disulfide	26	ug/Kg	U
SEE09271130JDF1	9/27/2010	Carbon disulfide	26	ug/Kg	U
SEE09131125PML1	9/13/2010	Carbon disulfide	26	ug/Kg	U
SEE09091010PML1	9/9/2010	Carbon disulfide	26	ug/Kg	U
SEE09091145PML1	9/9/2010	Carbon disulfide	26	ug/Kg	U
SEE09091410PML1	9/9/2010	Carbon disulfide	26	ug/Kg	U
SEE09061130MHS1	9/6/2010	Carbon disulfide	26	ug/Kg	U
SEE09011145PML1	9/1/2010	Carbon disulfide	26	ug/Kg	U
SEE08301638MHS1	8/30/2010	Carbon disulfide	26	ug/Kg	U
SEE10121415ARM1	10/12/2010	Carbon disulfide	25	ug/Kg	U
SEE10111125JDF1	10/11/2010	Carbon disulfide	25	ug/Kg	U
SEE10031425JDF1	10/3/2010	Carbon disulfide	25	ug/Kg	U
SEE09291035JDF1	9/29/2010	Carbon disulfide	25	ug/Kg	U
SEE09220935RCM1	9/22/2010	Carbon disulfide	25	ug/Kg	U
SEE09111015PML1	9/11/2010	Carbon disulfide	25	ug/Kg	U
SEE09051015PML1	9/5/2010	Carbon disulfide	25	ug/Kg	U
SEE08301445JRP1	8/30/2010	Carbon disulfide	25	ug/Kg	U
SEE10161415JDF1	10/16/2010	Carbon disulfide	24	ug/Kg	U
SEE10040945JDF1	10/4/2010	Carbon disulfide	24	ug/Kg	U
SEE09230955RCM1	9/23/2010	Carbon disulfide	24	ug/Kg	U
SEE09211530JDF1	9/21/2010	Carbon disulfide	24	ug/Kg	U
SEE09170945PML1	9/17/2010	Carbon disulfide	24	ug/Kg	U
SEE09171125PML1	9/17/2010	Carbon disulfide	24	ug/Kg	U
SEE09130955JRP1	9/13/2010	Carbon disulfide	24	ug/Kg	U
SEE09091605PML1	9/9/2010	Carbon disulfide	24	ug/Kg	U
SEE09041350PML1	9/4/2010	Carbon disulfide	24	ug/Kg	U
SEE10071205PML1	10/7/2010	Carbon disulfide	23	ug/Kg	U
SEE10071540PML1	10/7/2010	Carbon disulfide	23	ug/Kg	U
SEE10041335JDF1	10/4/2010	Carbon disulfide	23	ug/Kg	U
SEE09271025ARM1	9/27/2010	Carbon disulfide	23	ug/Kg	U
SEE09171530PML1	9/17/2010	Carbon disulfide	23	ug/Kg	U
SEE09051430PML1	9/5/2010	Carbon disulfide	23	ug/Kg	U
SEE08271500PML1	8/27/2010	Carbon disulfide	23	ug/kg	U
SEE10150945JDF1	10/15/2010	Carbon disulfide	22	ug/Kg	U
SEE10111011JDF1	10/11/2010	Carbon disulfide	22	ug/Kg	U
SEE10111350JDF1	10/11/2010	Carbon disulfide	22	ug/Kg	U
SEE10061051RCM1	10/6/2010	Carbon disulfide	22	ug/Kg	U
SEE10041355ARM1	10/4/2010	Carbon disulfide	22	ug/Kg	U
SEE09271515JDF1	9/27/2010	Carbon disulfide	22	ug/Kg	U
SEE09221105JDF1	9/22/2010	Carbon disulfide	22	ug/Kg	U
SEE09130940PML1	9/13/2010	Carbon disulfide	22	ug/Kg	U
SEE08281215PML1	8/28/2010	Carbon disulfide	22	ug/kg	U

**TABLE B-2b**  
**Upstream Sediment Samples (Morrow Lake)**

Sample ID	Sample Date	Analyte	Result	Unit	Data Qualifier
SEE10121030JDF1	10/12/2010	Carbon disulfide	21	ug/Kg	U
SEE09290925JDF1	9/29/2010	Carbon disulfide	21	ug/Kg	U
SEE09091025JRP1	9/9/2010	Carbon disulfide	21	ug/Kg	U
SEE09011635PML1	9/1/2010	Carbon disulfide	21	ug/Kg	U
SEE08301520JRP1	8/30/2010	Carbon disulfide	21	ug/Kg	U
SEE08261445JRP1	8/26/2010	Carbon disulfide	21	ug/Kg	U
SEE10161055JDF1	10/16/2010	Carbon disulfide	20	ug/Kg	U
SEE10151355ARM1	10/15/2010	Carbon disulfide	20	ug/Kg	U
SEE10071415ARM1	10/7/2010	Carbon disulfide	20	ug/Kg	U
SEE09031140MHS1	9/3/2010	Carbon disulfide	20	ug/Kg	U
SEE08291421KAP1	8/29/2010	Carbon disulfide	20	ug/kg	U
SEE08271145RCM1	8/27/2010	Carbon disulfide	20	ug/kg	U
SEE10041050JDF1	10/4/2010	Carbon disulfide	19	ug/Kg	U
SEE09301255MAE1	9/30/2010	Carbon disulfide	19	ug/Kg	U
SEE09291645JDF1	9/29/2010	Carbon disulfide	19	ug/Kg	U
SEE09051550MHS1	9/5/2010	Carbon disulfide	19	ug/Kg	U
SEE09031645MHS1	9/3/2010	Carbon disulfide	19	ug/Kg	U
SEE10041138RCM1	10/4/2010	Carbon disulfide	18	ug/Kg	U
SEE09221615JDF1	9/22/2010	Carbon disulfide	18	ug/Kg	U
SEE09191445RCM1	9/19/2010	Carbon disulfide	18	ug/Kg	U
SEE08311010JRP1	8/31/2010	Carbon disulfide	18	ug/Kg	U
SEE09250905RCM1	9/25/2010	Carbon disulfide	17	ug/Kg	U
SEE09200911RCM1	9/20/2010	Carbon disulfide	17	ug/Kg	U
SEE09090900JRP1	9/9/2010	Carbon disulfide	17	ug/Kg	U
SEE09011545MHS1	9/1/2010	Carbon disulfide	17	ug/Kg	U
SEE08281510TWH1	8/28/2010	Carbon disulfide	17	ug/kg	U
SEE10170915JDF1	10/17/2010	Carbon disulfide	16	ug/Kg	U
SEE09291135JDF1	9/29/2010	Carbon disulfide	16	ug/Kg	U
SEE09260930RCM1	9/26/2010	Carbon disulfide	16	ug/Kg	U
SEE09201110ARM1	9/20/2010	Carbon disulfide	15	ug/Kg	U
SEE08301530JAW1	8/30/2010	Carbon disulfide	15	ug/Kg	U
SEE08291550KAP1	8/29/2010	Carbon disulfide	15	ug/kg	U
SEE10071151RCM1	10/7/2010	Carbon disulfide	14	ug/Kg	U
SEE09211112RCM1	9/21/2010	Carbon disulfide	14	ug/Kg	U
SEE08311348MHS1	8/31/2010	Carbon disulfide	14	ug/Kg	U
SEE08300920JRP1	8/30/2010	Carbon disulfide	14	ug/Kg	U
SEE08261620RCM1	8/26/2010	Carbon disulfide	14	ug/kg	U
SEE10141025ARM1	10/14/2010	Carbon disulfide	12	ug/Kg	U
SEE09130915JRP1	9/13/2010	Carbon disulfide	12	ug/Kg	U
SEE10091200ARM1	10/9/2010	Carbon disulfide	11	ug/Kg	U
SEE09291023RCM1	9/29/2010	Carbon disulfide	11	ug/Kg	U
SEE09171445RCM1	9/17/2010	Carbon disulfide	11	ug/Kg	U
SEE09161035RCM1	9/16/2010	Carbon disulfide	11	ug/Kg	U
SEE09141312RCM1	9/14/2010	Carbon disulfide	10	ug/Kg	U
SEE08291445PML1	8/29/2010	Carbon disulfide	10	ug/kg	U
SEE08291354KAP1	8/29/2010	Carbon disulfide	9.3	ug/kg	U
SEE10051415ARM1	10/5/2010	Carbon disulfide	8.7	ug/Kg	U
SEE09061610JAW1	9/6/2010	Carbon disulfide	8.5	ug/Kg	U
SEE10011125ARM1	10/1/2010	Carbon disulfide	8.2	ug/Kg	U
SEE08261700JRP1	8/26/2010	Carbon disulfide	8.2	ug/Kg	U
SEE09051500MHS1	9/5/2010	Carbon disulfide	8.0	ug/Kg	U
SEE10171535ARM1	10/17/2010	Carbon disulfide	7.9	ug/Kg	U
SEE09231035ARM1	9/23/2010	Carbon disulfide	7.9	ug/Kg	U
SEE09171200ARM1	9/17/2010	Carbon disulfide	7.9	ug/Kg	U
SEE10081035ARM1	10/8/2010	Carbon disulfide	7.6	ug/Kg	U
SEE09100945RCM1	9/10/2010	Carbon disulfide	7.5	ug/Kg	U
SEE09211120ARM1	9/21/2010	Carbon disulfide	7.4	ug/Kg	U
SEE08281420TWH1	8/28/2010	Carbon disulfide	7.2	ug/kg	J
SEB09011143JLS1	9/1/2010	Carbon disulfide	7.1	ug/Kg	U
SEE08301410JRP1	8/30/2010	Carbon disulfide	7.0	ug/Kg	U

**TABLE B-2b**  
**Upstream Sediment Samples (Morrow Lake)**

Sample ID	Sample Date	Analyte	Result	Unit	Data Qualifier
SEE09281445RCM1	9/28/2010	Carbon disulfide	6.5	ug/Kg	U
SEE09271500ARM1	9/27/2010	Carbon disulfide	6.2	ug/Kg	U
SEE09170935RCM1	9/17/2010	Carbon disulfide	6.1	ug/Kg	U
SEF10011045TDF1	10/1/2010	Carbon disulfide	6.0	ug/Kg	U
SEE09150915JRP1	9/15/2010	Carbon disulfide	6.0	ug/Kg	U
SEE10151055ARM1	10/15/2010	Carbon disulfide	5.8	ug/Kg	J
SEE10011043RCM1	10/1/2010	Carbon disulfide	5.8	ug/Kg	U
SEE09290915MAE1	9/29/2010	Carbon disulfide	5.8	ug/Kg	U
SEE10131035ARM1	10/13/2010	Carbon disulfide	5.5	ug/Kg	U
SEE10071045ARM1	10/7/2010	Carbon disulfide	5.5	ug/Kg	U
SEE10041045ARM1	10/4/2010	Carbon disulfide	5.5	ug/Kg	U
SEF10151030PMB3	10/15/2010	Carbon disulfide	5.4	ug/Kg	U
SEF10081108TDF3	10/8/2010	Carbon disulfide	5.4	ug/Kg	U
SEE09251235ARM1	9/25/2010	Carbon disulfide	5.4	ug/Kg	U
SEE08281540JRP1	8/28/2010	Carbon disulfide	5.4	ug/kg	U
SEF10051206TDF3	10/5/2010	Carbon disulfide	5.3	ug/Kg	U
SEE09140945JRP1	9/14/2010	Carbon disulfide	5.3	ug/Kg	U
SEE09080930JRP1	9/8/2010	Carbon disulfide	5.3	ug/Kg	U
SEE09011515JAW1	9/1/2010	Carbon disulfide	5.3	ug/Kg	U
SEE08301100JRP1	8/30/2010	Carbon disulfide	5.3	ug/Kg	U
SEE10121040ARM1	10/12/2010	Carbon disulfide	5.2	ug/Kg	U
SEF10121130PMB3	10/12/2010	Carbon disulfide	5.2	ug/Kg	U
SEE09221045ARM1	9/22/2010	Carbon disulfide	5.2	ug/Kg	U
SEE09100920JRP1	9/10/2010	Carbon disulfide	5.1	ug/Kg	U
SEB08281400JLS1	8/28/2010	Carbon disulfide	5.1	ug/kg	U
SEE09301025MAE1	9/30/2010	Carbon disulfide	5.0	ug/Kg	U
SEE09051500JAW1	9/5/2010	Carbon disulfide	5.0	ug/Kg	U
SEE10051145RCM1	10/5/2010	Carbon disulfide	4.9	ug/Kg	U
SEE09070930JRP1	9/7/2010	Carbon disulfide	4.9	ug/Kg	U
SEE10061135ARM1	10/6/2010	Carbon disulfide	4.8	ug/Kg	U
SEE10181030JWP1	10/18/2010	Carbon disulfide	4.6	ug/Kg	U
SEF09281139TDF1	9/28/2010	Carbon disulfide	4.3	ug/Kg	U
ML-07-S-082510	8/25/2010	Carbon disulfide	3.6	mg/Kg	U
SEE09231205RCM1	9/23/2010	Carbon disulfide	3.3	ug/Kg	U
SEE08271445JRP1	8/27/2010	Carbon disulfide	2.8	ug/kg	U
SEE08271614TWH1	8/27/2010	Carbon disulfide	2.4	ug/kg	J
ML-03-S-082510	8/25/2010	Carbon disulfide	2.1	mg/Kg	U
ML-06-S-082510	8/25/2010	Carbon disulfide	2.1	mg/Kg	U
ML-07-S-082410	8/24/2010	Carbon disulfide	2.1	mg/Kg	UJ
SEE08271652TWH1	8/27/2010	Carbon disulfide	2.0	ug/kg	J
SEE08271536TWH1	8/27/2010	Carbon disulfide	1.9	ug/kg	J
ML-08-S-082410	8/24/2010	Carbon disulfide	1.9	mg/Kg	UJ
ML-06-S-082310	8/23/2010	Carbon disulfide	1.9	mg/Kg	U
ML-08-S-082110	8/21/2010	Carbon disulfide	1.9	mg/Kg	U
ML-06-S-082010	8/20/2010	Carbon disulfide	1.9	mg/Kg	U
ML-10-S-081910	8/19/2010	Carbon disulfide	1.9	mg/Kg	U
ML-10-S-081910	8/19/2010	Carbon disulfide	1.9	mg/Kg	U
ML-09-S-081810	8/18/2010	Carbon disulfide	1.9	mg/Kg	UJ
ML-08-S-082510	8/25/2010	Carbon disulfide	1.8	mg/Kg	U
ML-10-S-082410	8/24/2010	Carbon disulfide	1.8	mg/Kg	UJ
ML-10-S-082410	8/24/2010	Carbon disulfide	1.8	mg/Kg	UJ
ML-07-S-082110	8/21/2010	Carbon disulfide	1.8	mg/Kg	U
ML-10-S-082110	8/21/2010	Carbon disulfide	1.8	mg/Kg	U
ML-10-S-082110	8/21/2010	Carbon disulfide	1.8	mg/Kg	U
ML-07-S-081810	8/18/2010	Carbon disulfide	1.8	mg/Kg	UJ
ML-04-S-082410	8/24/2010	Carbon disulfide	1.7	mg/Kg	UJ
ML-03-S-082310	8/23/2010	Carbon disulfide	1.7	mg/Kg	U
ML-10-S-082110-D	8/21/2010	Carbon disulfide	1.7	mg/Kg	U
ML-10-S-082110-D	8/21/2010	Carbon disulfide	1.7	mg/Kg	U
ML-05-S-082010	8/20/2010	Carbon disulfide	1.7	mg/Kg	U

**TABLE B-2b**  
**Upstream Sediment Samples (Morrow Lake)**

Sample ID	Sample Date	Analyte	Result	Unit	Data Qualifier
ML-01-S-081610	8/16/2010	Carbon disulfide	1.7	mg/Kg	U
ML-07-S-081610	8/16/2010	Carbon disulfide	1.7	mg/Kg	U
ML-08-S-081610-D	8/16/2010	Carbon disulfide	1.7	mg/Kg	U
ML-10-S-081610	8/16/2010	Carbon disulfide	1.7	mg/Kg	U
ML-10-S-081610	8/16/2010	Carbon disulfide	1.7	mg/Kg	U
ML-04-S-082610	8/26/2010	Carbon disulfide	1.6	mg/Kg	U
ML-10-S-082610	8/26/2010	Carbon disulfide	1.6	mg/Kg	U
ML-10-S-082610	8/26/2010	Carbon disulfide	1.6	mg/Kg	U
ML-01-S-082510	8/25/2010	Carbon disulfide	1.6	mg/Kg	U
ML-09-S-082510	8/25/2010	Carbon disulfide	1.6	mg/Kg	U
ML-05-S-082310	8/23/2010	Carbon disulfide	1.6	mg/Kg	U
ML-02-S-081710	8/17/2010	Carbon disulfide	1.6	mg/Kg	U
ML-06-S-081710	8/17/2010	Carbon disulfide	1.6	mg/Kg	U
ML-08-S-081610	8/16/2010	Carbon disulfide	1.6	mg/Kg	U
ML-09-S-082410	8/24/2010	Carbon disulfide	1.5	mg/Kg	UU
ML-02-S-082510	8/25/2010	Carbon disulfide	1.4	mg/Kg	U
ML-01-S-082110	8/21/2010	Carbon disulfide	1.4	mg/Kg	U
ML-09-S-082110	8/21/2010	Carbon disulfide	1.4	mg/Kg	U
ML-04-S-081710	8/17/2010	Carbon disulfide	1.4	mg/Kg	U
ML-02-S-082310	8/23/2010	Carbon disulfide	1.3	mg/Kg	U
ML-01-S-081910	8/19/2010	Carbon disulfide	1.3	mg/Kg	U
ML-05-S-081710	8/17/2010	Carbon disulfide	1.3	mg/Kg	U
ML-04-S-082010	8/20/2010	Carbon disulfide	1.2	mg/Kg	U
ML-02-S-082010	8/20/2010	Carbon disulfide	1.1	mg/Kg	U
ML-03-S-081610	8/16/2010	Carbon disulfide	1.1	mg/Kg	U
ML-03-S-082010	8/20/2010	Carbon disulfide	0.95	mg/Kg	U
ML-05-S-082610	8/26/2010	Carbon disulfide	0.83	mg/Kg	U
SOTF-E-Q-37.17-L01-0.4-1.1	9/20/2010	Carbon disulfide	0.040	mg/kg	J
SEE10211035JDF1	10/21/2010	Carbon tetrachloride	620	ug/Kg	U
SEE10191515JDF1	10/19/2010	Carbon tetrachloride	560	ug/Kg	U
SEE10211430JDF1	10/21/2010	Carbon tetrachloride	540	ug/Kg	U
SEE10191005JDF1	10/19/2010	Carbon tetrachloride	540	ug/Kg	U
SEE10221110JDF1	10/22/2010	Carbon tetrachloride	530	ug/Kg	U
SEE10221110JDF1	10/22/2010	Carbon tetrachloride	530	ug/Kg	U
SEE10191415JDF1	10/19/2010	Carbon tetrachloride	510	ug/Kg	U
SEE10191155JDF1	10/19/2010	Carbon tetrachloride	490	ug/Kg	U
SEE10211010JWP1	10/21/2010	Carbon tetrachloride	470	ug/Kg	U
SEE10191100JDF1	10/19/2010	Carbon tetrachloride	470	ug/Kg	U
SEE10221055DWS1	10/22/2010	Carbon tetrachloride	450	ug/Kg	U
SEE10191010JWP1	10/19/2010	Carbon tetrachloride	450	ug/Kg	U
SEE10221450DWS1	10/22/2010	Carbon tetrachloride	240	ug/Kg	U
SEE10211345JWP1	10/21/2010	Carbon tetrachloride	220	ug/Kg	U
SEF10221050MAE3	10/22/2010	Carbon tetrachloride	150	ug/Kg	U
SEF10191135NAC3	10/19/2010	Carbon tetrachloride	150	ug/Kg	U
SEE10141015JDF1	10/14/2010	Carbon tetrachloride	140	ug/Kg	U
SEE10191115JWP1	10/19/2010	Carbon tetrachloride	130	ug/Kg	U
SEE09200945PML1	9/20/2010	Carbon tetrachloride	60	ug/Kg	U
SEE09200945PML1	9/20/2010	Carbon tetrachloride	60	ug/Kg	U
SEE09201115RCM1	9/20/2010	Carbon tetrachloride	58	ug/Kg	U
SEE09201645ARM1	9/20/2010	Carbon tetrachloride	48	ug/Kg	U
SEE10071042RCM1	10/7/2010	Carbon tetrachloride	45	ug/Kg	U
SEE09061500PML1	9/6/2010	Carbon tetrachloride	45	ug/Kg	U
SEE08281607TWH1	8/28/2010	Carbon tetrachloride	44	ug/kg	U
SEE09301105JDF1	9/30/2010	Carbon tetrachloride	42	ug/Kg	U
SEE09181705PML1	9/18/2010	Carbon tetrachloride	42	ug/Kg	U
SEE09021400PML1	9/2/2010	Carbon tetrachloride	41	ug/Kg	U
SEE08301130PML1	8/30/2010	Carbon tetrachloride	41	ug/Kg	U
SEE10091401PML1	10/9/2010	Carbon tetrachloride	40	ug/Kg	U
SEE10181035JDF1	10/18/2010	Carbon tetrachloride	39	ug/Kg	U
SEE10051125PML1	10/5/2010	Carbon tetrachloride	39	ug/Kg	U

**TABLE B-2b**  
**Upstream Sediment Samples (Morrow Lake)**

Sample ID	Sample Date	Analyte	Result	Unit	Data Qualifier
SEE08311045PML1	8/31/2010	Carbon tetrachloride	39	ug/Kg	U
SEE10141555ARM1	10/14/2010	Carbon tetrachloride	38	ug/Kg	U
SEE09101215PML1	9/10/2010	Carbon tetrachloride	38	ug/Kg	U
SEE10161530JDF1	10/16/2010	Carbon tetrachloride	37	ug/Kg	U
SEE10081115PML1	10/8/2010	Carbon tetrachloride	37	ug/Kg	U
SEE09030925PML1	9/3/2010	Carbon tetrachloride	37	ug/Kg	U
SEE09031115JAW1	9/3/2010	Carbon tetrachloride	37	ug/Kg	U
SEE08281505PML1	8/28/2010	Carbon tetrachloride	37	ug/kg	U
SEE10171410JDF1	10/17/2010	Carbon tetrachloride	36	ug/Kg	U
SEE09191530PML1	9/19/2010	Carbon tetrachloride	36	ug/Kg	U
SEE09181235PML1	9/18/2010	Carbon tetrachloride	36	ug/Kg	U
SEE09141135PML1	9/14/2010	Carbon tetrachloride	36	ug/Kg	U
SEE09101022PML1	9/10/2010	Carbon tetrachloride	36	ug/Kg	U
SEE10171115JDF1	10/17/2010	Carbon tetrachloride	35	ug/Kg	U
SEE08311420PML1	8/31/2010	Carbon tetrachloride	35	ug/Kg	U
SEE08311420PML1	8/31/2010	Carbon tetrachloride	35	ug/Kg	U
SEE08271215PML1	8/27/2010	Carbon tetrachloride	35	ug/kg	U
SEE10041530JDF1	10/4/2010	Carbon tetrachloride	34	ug/Kg	U
SEE09121105RCM1	9/12/2010	Carbon tetrachloride	34	ug/Kg	U
SEE09011545PML1	9/1/2010	Carbon tetrachloride	34	ug/Kg	U
SEE08301550PML1	8/30/2010	Carbon tetrachloride	34	ug/Kg	U
SEE10181210JDF1	10/18/2010	Carbon tetrachloride	33	ug/Kg	U
SEE10181430JWP1	10/18/2010	Carbon tetrachloride	33	ug/Kg	U
SEE10181510JDF1	10/18/2010	Carbon tetrachloride	33	ug/Kg	U
SEE10181510JDF1	10/18/2010	Carbon tetrachloride	33	ug/Kg	U
SEE10131150JDF1	10/13/2010	Carbon tetrachloride	33	ug/Kg	U
SEE10101010PML1	10/10/2010	Carbon tetrachloride	33	ug/Kg	U
SEE10101215PML1	10/10/2010	Carbon tetrachloride	33	ug/Kg	U
SEE10101215PML1	10/10/2010	Carbon tetrachloride	33	ug/Kg	U
SEE09140945PML1	9/14/2010	Carbon tetrachloride	33	ug/Kg	U
SEE09061525MHS1	9/6/2010	Carbon tetrachloride	33	ug/Kg	U
SEE09051130PML1	9/5/2010	Carbon tetrachloride	33	ug/Kg	U
SEE09031100PML1	9/3/2010	Carbon tetrachloride	33	ug/Kg	U
SEE09021010PML1	9/2/2010	Carbon tetrachloride	33	ug/Kg	U
SEE08281630RCM1	8/28/2010	Carbon tetrachloride	33	ug/kg	U
SEE10031115JDF1	10/3/2010	Carbon tetrachloride	32	ug/Kg	U
SEE10031115JDF1	10/3/2010	Carbon tetrachloride	32	ug/Kg	U
SEE09301205RCM1	9/30/2010	Carbon tetrachloride	32	ug/Kg	U
SEE09301255JDF1	9/30/2010	Carbon tetrachloride	32	ug/Kg	U
SEE09231645JDF1	9/23/2010	Carbon tetrachloride	32	ug/Kg	U
SEE09141515PML1	9/14/2010	Carbon tetrachloride	32	ug/Kg	U
SEE09101625PML1	9/10/2010	Carbon tetrachloride	32	ug/Kg	U
SEE09091005RCM1	9/9/2010	Carbon tetrachloride	32	ug/Kg	U
SEE09061105PML1	9/6/2010	Carbon tetrachloride	32	ug/Kg	U
SEE09031650PML1	9/3/2010	Carbon tetrachloride	32	ug/Kg	U
SEE09031650PML1	9/3/2010	Carbon tetrachloride	32	ug/Kg	U
SEE10081231PML1	10/8/2010	Carbon tetrachloride	31	ug/Kg	U
SEE09231210JDF1	9/23/2010	Carbon tetrachloride	31	ug/Kg	U
SEE09161045PML1	9/16/2010	Carbon tetrachloride	31	ug/Kg	U
SEE09081205PML1	9/8/2010	Carbon tetrachloride	31	ug/Kg	U
SEE09071050PML1	9/7/2010	Carbon tetrachloride	31	ug/Kg	U
SEE08301145MHS1	8/30/2010	Carbon tetrachloride	31	ug/Kg	U
SEE10161115ARM1	10/16/2010	Carbon tetrachloride	30	ug/Kg	U
SEE10120930JDF1	10/12/2010	Carbon tetrachloride	30	ug/Kg	U
SEE10071101PML1	10/7/2010	Carbon tetrachloride	30	ug/Kg	U
SEE09261625JDF1	9/26/2010	Carbon tetrachloride	30	ug/Kg	U
SEE09261625JDF1	9/26/2010	Carbon tetrachloride	30	ug/Kg	U
SEE09131445RCM1	9/13/2010	Carbon tetrachloride	30	ug/Kg	U
SEE09121055PML1	9/12/2010	Carbon tetrachloride	30	ug/Kg	U
SEE09121055PML1	9/12/2010	Carbon tetrachloride	30	ug/Kg	U



**TABLE B-2b**  
**Upstream Sediment Samples (Morrow Lake)**

Sample ID	Sample Date	Analyte	Result	Unit	Data Qualifier
SEE09121436RCM1	9/12/2010	Carbon tetrachloride	30	ug/Kg	U
SEE09091410RCM1	9/9/2010	Carbon tetrachloride	30	ug/Kg	U
SEE09011050PML1	9/1/2010	Carbon tetrachloride	30	ug/Kg	U
SEE10081051RCM1	10/8/2010	Carbon tetrachloride	29	ug/Kg	U
SEE10061640PML1	10/6/2010	Carbon tetrachloride	29	ug/Kg	U
SEE10061640PML1	10/6/2010	Carbon tetrachloride	29	ug/Kg	U
SEE10051653PML1	10/5/2010	Carbon tetrachloride	29	ug/Kg	U
SEE09261215JDF1	9/26/2010	Carbon tetrachloride	29	ug/Kg	U
SEE09231130ARM1	9/23/2010	Carbon tetrachloride	29	ug/Kg	U
SEE09191040PML1	9/19/2010	Carbon tetrachloride	29	ug/Kg	U
SEE09131026RCM1	9/13/2010	Carbon tetrachloride	29	ug/Kg	U
SEE09131505PML1	9/13/2010	Carbon tetrachloride	29	ug/Kg	U
SEE09040950PML1	9/4/2010	Carbon tetrachloride	29	ug/Kg	U
SEE10011120JDF1	10/1/2010	Carbon tetrachloride	28	ug/Kg	U
SEE09211155JDF1	9/21/2010	Carbon tetrachloride	28	ug/Kg	U
SEE09171415PML1	9/17/2010	Carbon tetrachloride	28	ug/Kg	U
SEE09151145PML1	9/15/2010	Carbon tetrachloride	28	ug/Kg	U
SEE09151145PML1	9/15/2010	Carbon tetrachloride	28	ug/Kg	U
SEE09131620PML1	9/13/2010	Carbon tetrachloride	28	ug/Kg	U
SEE09121450PML1	9/12/2010	Carbon tetrachloride	28	ug/Kg	U
SEE09091515PML1	9/9/2010	Carbon tetrachloride	28	ug/Kg	U
SEE09081010PML1	9/8/2010	Carbon tetrachloride	28	ug/Kg	U
SEE09081020RCM1	9/8/2010	Carbon tetrachloride	28	ug/Kg	U
SEE09011255PML1	9/1/2010	Carbon tetrachloride	28	ug/Kg	U
SEE08301015JRP1	8/30/2010	Carbon tetrachloride	28	ug/Kg	U
SEE08261420RCM1	8/26/2010	Carbon tetrachloride	28	ug/kg	U
SEE10091614PML1	10/9/2010	Carbon tetrachloride	27	ug/Kg	U
SEE10061205PML1	10/6/2010	Carbon tetrachloride	27	ug/Kg	U
SEE10041150JDF1	10/4/2010	Carbon tetrachloride	27	ug/Kg	U
SEE09251135JDF1	9/25/2010	Carbon tetrachloride	27	ug/Kg	U
SEE09221440JDF1	9/22/2010	Carbon tetrachloride	27	ug/Kg	U
SEE09170839RCM1	9/17/2010	Carbon tetrachloride	27	ug/Kg	U
SEE09151015PML1	9/15/2010	Carbon tetrachloride	27	ug/Kg	U
SEE08291110PML1	8/29/2010	Carbon tetrachloride	27	ug/kg	U
SEE10141150JDF1	10/14/2010	Carbon tetrachloride	26	ug/Kg	U
SEE10141550JDF1	10/14/2010	Carbon tetrachloride	26	ug/Kg	U
SEE10141550JDF1	10/14/2010	Carbon tetrachloride	26	ug/Kg	U
SEE10121155JDF1	10/12/2010	Carbon tetrachloride	26	ug/Kg	U
SEE09271130JDF1	9/27/2010	Carbon tetrachloride	26	ug/Kg	U
SEE09131125PML1	9/13/2010	Carbon tetrachloride	26	ug/Kg	U
SEE09091010PML1	9/9/2010	Carbon tetrachloride	26	ug/Kg	U
SEE09091145PML1	9/9/2010	Carbon tetrachloride	26	ug/Kg	U
SEE09091410PML1	9/9/2010	Carbon tetrachloride	26	ug/Kg	U
SEE09061130MHS1	9/6/2010	Carbon tetrachloride	26	ug/Kg	U
SEE09011145PML1	9/1/2010	Carbon tetrachloride	26	ug/Kg	U
SEE08301638MHS1	8/30/2010	Carbon tetrachloride	26	ug/Kg	U
SEE10151055ARM1	10/15/2010	Carbon tetrachloride	25	ug/Kg	U
SEE10121415ARM1	10/12/2010	Carbon tetrachloride	25	ug/Kg	U
SEE10111125JDF1	10/11/2010	Carbon tetrachloride	25	ug/Kg	U
SEE10031425JDF1	10/3/2010	Carbon tetrachloride	25	ug/Kg	U
SEE09291035JDF1	9/29/2010	Carbon tetrachloride	25	ug/Kg	U
SEE09220935RCM1	9/22/2010	Carbon tetrachloride	25	ug/Kg	U
SEE09111015PML1	9/11/2010	Carbon tetrachloride	25	ug/Kg	U
SEE09051015PML1	9/5/2010	Carbon tetrachloride	25	ug/Kg	U
SEE08301445JRP1	8/30/2010	Carbon tetrachloride	25	ug/Kg	U
SEE10161415JDF1	10/16/2010	Carbon tetrachloride	24	ug/Kg	U
SEE10040945JDF1	10/4/2010	Carbon tetrachloride	24	ug/Kg	U
SEE09230955RCM1	9/23/2010	Carbon tetrachloride	24	ug/Kg	U
SEE09211530JDF1	9/21/2010	Carbon tetrachloride	24	ug/Kg	U
SEE09170945PML1	9/17/2010	Carbon tetrachloride	24	ug/Kg	U

**TABLE B-2b**  
**Upstream Sediment Samples (Morrow Lake)**

Sample ID	Sample Date	Analyte	Result	Unit	Data Qualifier
SEE09171125PML1	9/17/2010	Carbon tetrachloride	24	ug/Kg	U
SEE09130955JRP1	9/13/2010	Carbon tetrachloride	24	ug/Kg	U
SEE09091605PML1	9/9/2010	Carbon tetrachloride	24	ug/Kg	U
SEE09041350PML1	9/4/2010	Carbon tetrachloride	24	ug/Kg	U
SEE10071205PML1	10/7/2010	Carbon tetrachloride	23	ug/Kg	U
SEE10071540PML1	10/7/2010	Carbon tetrachloride	23	ug/Kg	U
SEE10041335JDF1	10/4/2010	Carbon tetrachloride	23	ug/Kg	U
SEE09271025ARM1	9/27/2010	Carbon tetrachloride	23	ug/Kg	U
SEE09171530PML1	9/17/2010	Carbon tetrachloride	23	ug/Kg	U
SEE09051430PML1	9/5/2010	Carbon tetrachloride	23	ug/Kg	U
SEE08271500PML1	8/27/2010	Carbon tetrachloride	23	ug/kg	U
SEE10150945JDF1	10/15/2010	Carbon tetrachloride	22	ug/Kg	U
SEE10111011JDF1	10/11/2010	Carbon tetrachloride	22	ug/Kg	U
SEE10111350JDF1	10/11/2010	Carbon tetrachloride	22	ug/Kg	U
SEE10061051RCM1	10/6/2010	Carbon tetrachloride	22	ug/Kg	U
SEE10041355ARM1	10/4/2010	Carbon tetrachloride	22	ug/Kg	U
SEE09271515JDF1	9/27/2010	Carbon tetrachloride	22	ug/Kg	U
SEE09221105JDF1	9/22/2010	Carbon tetrachloride	22	ug/Kg	U
SEE09130940PML1	9/13/2010	Carbon tetrachloride	22	ug/Kg	U
SEE08281215PML1	8/28/2010	Carbon tetrachloride	22	ug/kg	U
SEE10121030JDF1	10/12/2010	Carbon tetrachloride	21	ug/Kg	U
SEE09290925JDF1	9/29/2010	Carbon tetrachloride	21	ug/Kg	U
SEE09091025JRP1	9/9/2010	Carbon tetrachloride	21	ug/Kg	U
SEE09011635PML1	9/1/2010	Carbon tetrachloride	21	ug/Kg	U
SEE08301520JRP1	8/30/2010	Carbon tetrachloride	21	ug/Kg	U
SEE08281420TWH1	8/28/2010	Carbon tetrachloride	21	ug/kg	U
SEE08261445JRP1	8/26/2010	Carbon tetrachloride	21	ug/Kg	U
SEE10161055JDF1	10/16/2010	Carbon tetrachloride	20	ug/Kg	U
SEE10151355ARM1	10/15/2010	Carbon tetrachloride	20	ug/Kg	U
SEE10071415ARM1	10/7/2010	Carbon tetrachloride	20	ug/Kg	U
SEE09031140MHS1	9/3/2010	Carbon tetrachloride	20	ug/Kg	U
SEE08291421KAP1	8/29/2010	Carbon tetrachloride	20	ug/kg	U
SEE08271145RCM1	8/27/2010	Carbon tetrachloride	20	ug/kg	U
SEE10041050JDF1	10/4/2010	Carbon tetrachloride	19	ug/Kg	U
SEE09301255MAE1	9/30/2010	Carbon tetrachloride	19	ug/Kg	U
SEE09291645JDF1	9/29/2010	Carbon tetrachloride	19	ug/Kg	U
SEE09051550MHS1	9/5/2010	Carbon tetrachloride	19	ug/Kg	U
SEE09031645MHS1	9/3/2010	Carbon tetrachloride	19	ug/Kg	U
SEE10041138RCM1	10/4/2010	Carbon tetrachloride	18	ug/Kg	U
SEE09221615JDF1	9/22/2010	Carbon tetrachloride	18	ug/Kg	U
SEE09191445RCM1	9/19/2010	Carbon tetrachloride	18	ug/Kg	U
SEE08311010JRP1	8/31/2010	Carbon tetrachloride	18	ug/Kg	U
SEE09250905RCM1	9/25/2010	Carbon tetrachloride	17	ug/Kg	U
SEE09200911RCM1	9/20/2010	Carbon tetrachloride	17	ug/Kg	U
SEE09090900JRP1	9/9/2010	Carbon tetrachloride	17	ug/Kg	U
SEE09011545MHS1	9/1/2010	Carbon tetrachloride	17	ug/Kg	U
SEE08281510TWH1	8/28/2010	Carbon tetrachloride	17	ug/kg	U
SEE10170915JDF1	10/17/2010	Carbon tetrachloride	16	ug/Kg	U
SEE09291135JDF1	9/29/2010	Carbon tetrachloride	16	ug/Kg	U
SEE09260930RCM1	9/26/2010	Carbon tetrachloride	16	ug/Kg	U
SEE09201110ARM1	9/20/2010	Carbon tetrachloride	15	ug/Kg	U
SEE08301530JAW1	8/30/2010	Carbon tetrachloride	15	ug/Kg	U
SEE08291550KAP1	8/29/2010	Carbon tetrachloride	15	ug/kg	U
SEE10071151RCM1	10/7/2010	Carbon tetrachloride	14	ug/Kg	U
SEE09211112RCM1	9/21/2010	Carbon tetrachloride	14	ug/Kg	U
SEE08311348MHS1	8/31/2010	Carbon tetrachloride	14	ug/Kg	U
SEE08300920JRP1	8/30/2010	Carbon tetrachloride	14	ug/Kg	U
SEE08261620RCM1	8/26/2010	Carbon tetrachloride	14	ug/kg	U
SEE10141025ARM1	10/14/2010	Carbon tetrachloride	12	ug/Kg	U
SEE09130915JRP1	9/13/2010	Carbon tetrachloride	12	ug/Kg	U

**TABLE B-2b**  
**Upstream Sediment Samples (Morrow Lake)**

Sample ID	Sample Date	Analyte	Result	Unit	Data Qualifier
SEE10091200ARM1	10/9/2010	Carbon tetrachloride	11	ug/Kg	U
SEE09291023RCM1	9/29/2010	Carbon tetrachloride	11	ug/Kg	U
SEE09171445RCM1	9/17/2010	Carbon tetrachloride	11	ug/Kg	U
SEE09161035RCM1	9/16/2010	Carbon tetrachloride	11	ug/Kg	U
SEE09141312RCM1	9/14/2010	Carbon tetrachloride	10	ug/Kg	U
SEE08291445PML1	8/29/2010	Carbon tetrachloride	10	ug/kg	U
SEE08291354KAP1	8/29/2010	Carbon tetrachloride	9.3	ug/kg	U
SEE10051415ARM1	10/5/2010	Carbon tetrachloride	8.7	ug/Kg	U
SEE09061610JAW1	9/6/2010	Carbon tetrachloride	8.5	ug/Kg	U
SEE10011125ARM1	10/1/2010	Carbon tetrachloride	8.2	ug/Kg	U
SEE08261700JRP1	8/26/2010	Carbon tetrachloride	8.2	ug/Kg	U
SEE09051500MHS1	9/5/2010	Carbon tetrachloride	8.0	ug/Kg	U
SEE10171535ARM1	10/17/2010	Carbon tetrachloride	7.9	ug/Kg	U
SEE09231035ARM1	9/23/2010	Carbon tetrachloride	7.9	ug/Kg	U
SEE09171200ARM1	9/17/2010	Carbon tetrachloride	7.9	ug/Kg	U
SEE08271614TWH1	8/27/2010	Carbon tetrachloride	7.8	ug/kg	U
SEE10081035ARM1	10/8/2010	Carbon tetrachloride	7.6	ug/Kg	U
SEE08271652TWH1	8/27/2010	Carbon tetrachloride	7.6	ug/kg	U
SEE09100945RCM1	9/10/2010	Carbon tetrachloride	7.5	ug/Kg	U
SEE09211120ARM1	9/21/2010	Carbon tetrachloride	7.4	ug/Kg	U
SEB09011143JLS1	9/1/2010	Carbon tetrachloride	7.1	ug/Kg	U
SEE08301410JRP1	8/30/2010	Carbon tetrachloride	7.0	ug/Kg	U
SEE09281445RCM1	9/28/2010	Carbon tetrachloride	6.5	ug/Kg	U
SEE08271536TWH1	8/27/2010	Carbon tetrachloride	6.3	ug/kg	U
SEE09271500ARM1	9/27/2010	Carbon tetrachloride	6.2	ug/Kg	U
SEE09170935RCM1	9/17/2010	Carbon tetrachloride	6.1	ug/Kg	U
SEF10011045TDF1	10/1/2010	Carbon tetrachloride	6.0	ug/Kg	U
SEE09150915JRP1	9/15/2010	Carbon tetrachloride	6.0	ug/Kg	U
SEE10011043RCM1	10/1/2010	Carbon tetrachloride	5.8	ug/Kg	U
SEE09290915MAE1	9/29/2010	Carbon tetrachloride	5.8	ug/Kg	U
SEE10131035ARM1	10/13/2010	Carbon tetrachloride	5.5	ug/Kg	U
SEE10071045ARM1	10/7/2010	Carbon tetrachloride	5.5	ug/Kg	U
SEE10041045ARM1	10/4/2010	Carbon tetrachloride	5.5	ug/Kg	U
SEF10151030PMB3	10/15/2010	Carbon tetrachloride	5.4	ug/Kg	U
SEF10081108TDF3	10/8/2010	Carbon tetrachloride	5.4	ug/Kg	U
SEE09251235ARM1	9/25/2010	Carbon tetrachloride	5.4	ug/Kg	U
SEE08281540JRP1	8/28/2010	Carbon tetrachloride	5.4	ug/kg	U
SEF10051206TDF3	10/5/2010	Carbon tetrachloride	5.3	ug/Kg	U
SEE09140945JRP1	9/14/2010	Carbon tetrachloride	5.3	ug/Kg	U
SEE09080930JRP1	9/8/2010	Carbon tetrachloride	5.3	ug/Kg	U
SEE09011515JAW1	9/1/2010	Carbon tetrachloride	5.3	ug/Kg	U
SEE08301100JRP1	8/30/2010	Carbon tetrachloride	5.3	ug/Kg	U
SEE10121040ARM1	10/12/2010	Carbon tetrachloride	5.2	ug/Kg	U
SEF10121130PMB3	10/12/2010	Carbon tetrachloride	5.2	ug/Kg	U
SEE09221045ARM1	9/22/2010	Carbon tetrachloride	5.2	ug/Kg	U
SEE09100920JRP1	9/10/2010	Carbon tetrachloride	5.1	ug/Kg	U
SEB08281400JLS1	8/28/2010	Carbon tetrachloride	5.1	ug/kg	U
SEE09301025MAE1	9/30/2010	Carbon tetrachloride	5.0	ug/Kg	U
SEE09051500JAW1	9/5/2010	Carbon tetrachloride	5.0	ug/Kg	U
SEE10051145RCM1	10/5/2010	Carbon tetrachloride	4.9	ug/Kg	U
SEE09070930JRP1	9/7/2010	Carbon tetrachloride	4.9	ug/Kg	U
SEE10061135ARM1	10/6/2010	Carbon tetrachloride	4.8	ug/Kg	U
SEE10181030JWP1	10/18/2010	Carbon tetrachloride	4.6	ug/Kg	U
SEF09281139TDF1	9/28/2010	Carbon tetrachloride	4.3	ug/Kg	U
SEE09231205RCM1	9/23/2010	Carbon tetrachloride	3.3	ug/Kg	U
SEE08271445JRP1	8/27/2010	Carbon tetrachloride	2.8	ug/kg	U
ML-07-S-082510	8/25/2010	Carbon tetrachloride	0.73	mg/Kg	U
ML-03-S-082510	8/25/2010	Carbon tetrachloride	0.43	mg/Kg	U
ML-06-S-082510	8/25/2010	Carbon tetrachloride	0.42	mg/Kg	U
ML-07-S-082410	8/24/2010	Carbon tetrachloride	0.41	mg/Kg	UJ

**TABLE B-2b**  
**Upstream Sediment Samples (Morrow Lake)**

Sample ID	Sample Date	Analyte	Result	Unit	Data Qualifier
ML-06-S-082010	8/20/2010	Carbon tetrachloride	0.38	mg/Kg	U
ML-08-S-082510	8/25/2010	Carbon tetrachloride	0.37	mg/Kg	U
ML-08-S-082410	8/24/2010	Carbon tetrachloride	0.37	mg/Kg	UJ
ML-06-S-082310	8/23/2010	Carbon tetrachloride	0.37	mg/Kg	U
ML-07-S-082110	8/21/2010	Carbon tetrachloride	0.37	mg/Kg	U
ML-08-S-082110	8/21/2010	Carbon tetrachloride	0.37	mg/Kg	U
ML-10-S-082110	8/21/2010	Carbon tetrachloride	0.37	mg/Kg	U
ML-10-S-082110	8/21/2010	Carbon tetrachloride	0.37	mg/Kg	U
ML-10-S-081910	8/19/2010	Carbon tetrachloride	0.37	mg/Kg	U
ML-10-S-081910	8/19/2010	Carbon tetrachloride	0.37	mg/Kg	U
ML-07-S-081810	8/18/2010	Carbon tetrachloride	0.37	mg/Kg	UJ
ML-09-S-081810	8/18/2010	Carbon tetrachloride	0.37	mg/Kg	UJ
ML-10-S-082410	8/24/2010	Carbon tetrachloride	0.36	mg/Kg	UJ
ML-10-S-082410	8/24/2010	Carbon tetrachloride	0.36	mg/Kg	UJ
ML-01-S-081610	8/16/2010	Carbon tetrachloride	0.35	mg/Kg	U
ML-10-S-081610	8/16/2010	Carbon tetrachloride	0.35	mg/Kg	U
ML-10-S-081610	8/16/2010	Carbon tetrachloride	0.35	mg/Kg	U
ML-04-S-082410	8/24/2010	Carbon tetrachloride	0.34	mg/Kg	UJ
ML-03-S-082310	8/23/2010	Carbon tetrachloride	0.34	mg/Kg	U
ML-10-S-082110-D	8/21/2010	Carbon tetrachloride	0.34	mg/Kg	U
ML-10-S-082110-D	8/21/2010	Carbon tetrachloride	0.34	mg/Kg	U
ML-07-S-081610	8/16/2010	Carbon tetrachloride	0.34	mg/Kg	U
ML-08-S-081610-D	8/16/2010	Carbon tetrachloride	0.34	mg/Kg	U
ML-04-S-082610	8/26/2010	Carbon tetrachloride	0.33	mg/Kg	U
ML-05-S-082310	8/23/2010	Carbon tetrachloride	0.33	mg/Kg	U
ML-05-S-082010	8/20/2010	Carbon tetrachloride	0.33	mg/Kg	U
ML-10-S-082610	8/26/2010	Carbon tetrachloride	0.32	mg/Kg	U
ML-10-S-082610	8/26/2010	Carbon tetrachloride	0.32	mg/Kg	U
ML-06-S-081710	8/17/2010	Carbon tetrachloride	0.32	mg/Kg	U
ML-08-S-081610	8/16/2010	Carbon tetrachloride	0.32	mg/Kg	U
ML-01-S-082510	8/25/2010	Carbon tetrachloride	0.31	mg/Kg	U
ML-09-S-082510	8/25/2010	Carbon tetrachloride	0.31	mg/Kg	U
ML-09-S-082410	8/24/2010	Carbon tetrachloride	0.31	mg/Kg	UJ
ML-02-S-081710	8/17/2010	Carbon tetrachloride	0.31	mg/Kg	U
ML-02-S-082510	8/25/2010	Carbon tetrachloride	0.28	mg/Kg	U
ML-09-S-082110	8/21/2010	Carbon tetrachloride	0.28	mg/Kg	U
ML-01-S-082110	8/21/2010	Carbon tetrachloride	0.27	mg/Kg	U
ML-04-S-081710	8/17/2010	Carbon tetrachloride	0.27	mg/Kg	U
ML-05-S-081710	8/17/2010	Carbon tetrachloride	0.27	mg/Kg	U
ML-02-S-082310	8/23/2010	Carbon tetrachloride	0.25	mg/Kg	U
ML-04-S-082010	8/20/2010	Carbon tetrachloride	0.25	mg/Kg	U
ML-01-S-081910	8/19/2010	Carbon tetrachloride	0.25	mg/Kg	U
ML-02-S-082010	8/20/2010	Carbon tetrachloride	0.22	mg/Kg	U
ML-03-S-081610	8/16/2010	Carbon tetrachloride	0.22	mg/Kg	U
ML-03-S-082010	8/20/2010	Carbon tetrachloride	0.19	mg/Kg	U
ML-05-S-082610	8/26/2010	Carbon tetrachloride	0.17	mg/Kg	U
SEE10211035JDF1	10/21/2010	Chlorobenzene	930	ug/Kg	U
SEE10191515JDF1	10/19/2010	Chlorobenzene	850	ug/Kg	U
SEE10191005JDF1	10/19/2010	Chlorobenzene	820	ug/Kg	U
SEE10211430JDF1	10/21/2010	Chlorobenzene	810	ug/Kg	U
SEE10221110JDF1	10/22/2010	Chlorobenzene	790	ug/Kg	U
SEE10221110JDF1	10/22/2010	Chlorobenzene	790	ug/Kg	U
SEE10191415JDF1	10/19/2010	Chlorobenzene	760	ug/Kg	U
SEE10191155JDF1	10/19/2010	Chlorobenzene	730	ug/Kg	U
SEE10211010JWP1	10/21/2010	Chlorobenzene	710	ug/Kg	U
SEE10191100JDF1	10/19/2010	Chlorobenzene	710	ug/Kg	U
SEE10221055DWS1	10/22/2010	Chlorobenzene	680	ug/Kg	U
SEE10191010JWP1	10/19/2010	Chlorobenzene	680	ug/Kg	U
SEE10221450DWS1	10/22/2010	Chlorobenzene	370	ug/Kg	U
SEE10211345JWP1	10/21/2010	Chlorobenzene	330	ug/Kg	U

**TABLE B-2b**  
**Upstream Sediment Samples (Morrow Lake)**

Sample ID	Sample Date	Analyte	Result	Unit	Data Qualifier
SEF10221050MAE3	10/22/2010	Chlorobenzene	230	ug/Kg	U
SEF10191135NAC3	10/19/2010	Chlorobenzene	220	ug/Kg	U
SEE10191115JWP1	10/19/2010	Chlorobenzene	200	ug/Kg	U
SEE10141015JDF1	10/14/2010	Chlorobenzene	140	ug/Kg	U
SEE09200945PML1	9/20/2010	Chlorobenzene	60	ug/Kg	U
SEE09200945PML1	9/20/2010	Chlorobenzene	60	ug/Kg	U
SEE09201115RCM1	9/20/2010	Chlorobenzene	58	ug/Kg	U
SEE09201645ARM1	9/20/2010	Chlorobenzene	48	ug/Kg	U
SEE10071042RCM1	10/7/2010	Chlorobenzene	45	ug/Kg	UJ
SEE09061500PML1	9/6/2010	Chlorobenzene	45	ug/Kg	U
SEE08281607TWH1	8/28/2010	Chlorobenzene	44	ug/kg	U
SEE09301105JDF1	9/30/2010	Chlorobenzene	42	ug/Kg	U
SEE09181705PML1	9/18/2010	Chlorobenzene	42	ug/Kg	U
SEE09021400PML1	9/2/2010	Chlorobenzene	41	ug/Kg	U
SEE08301130PML1	8/30/2010	Chlorobenzene	41	ug/Kg	U
SEE10091401PML1	10/9/2010	Chlorobenzene	40	ug/Kg	U
SEE10181035JDF1	10/18/2010	Chlorobenzene	39	ug/Kg	U
SEE10051125PML1	10/5/2010	Chlorobenzene	39	ug/Kg	U
SEE08311045PML1	8/31/2010	Chlorobenzene	39	ug/Kg	U
SEE10141555ARM1	10/14/2010	Chlorobenzene	38	ug/Kg	U
SEE09101215PML1	9/10/2010	Chlorobenzene	38	ug/Kg	U
SEE10161530JDF1	10/16/2010	Chlorobenzene	37	ug/Kg	U
SEE10081115PML1	10/8/2010	Chlorobenzene	37	ug/Kg	U
SEE09030925PML1	9/3/2010	Chlorobenzene	37	ug/Kg	UJ
SEE09031115JAW1	9/3/2010	Chlorobenzene	37	ug/Kg	UJ
SEE08281505PML1	8/28/2010	Chlorobenzene	37	ug/kg	U
SEE10171410JDF1	10/17/2010	Chlorobenzene	36	ug/Kg	U
SEE09191530PML1	9/19/2010	Chlorobenzene	36	ug/Kg	U
SEE09181235PML1	9/18/2010	Chlorobenzene	36	ug/Kg	U
SEE09141135PML1	9/14/2010	Chlorobenzene	36	ug/Kg	UJ
SEE09101022PML1	9/10/2010	Chlorobenzene	36	ug/Kg	U
SEE10171115JDF1	10/17/2010	Chlorobenzene	35	ug/Kg	U
SEE08311420PML1	8/31/2010	Chlorobenzene	35	ug/Kg	U
SEE08311420PML1	8/31/2010	Chlorobenzene	35	ug/Kg	U
SEE08271215PML1	8/27/2010	Chlorobenzene	35	ug/kg	U
SEE10041530JDF1	10/4/2010	Chlorobenzene	34	ug/Kg	UJ
SEE09121105RCM1	9/12/2010	Chlorobenzene	34	ug/Kg	U
SEE09011545PML1	9/1/2010	Chlorobenzene	34	ug/Kg	U
SEE08301550PML1	8/30/2010	Chlorobenzene	34	ug/Kg	U
SEE10181210JDF1	10/18/2010	Chlorobenzene	33	ug/Kg	U
SEE10181430JWP1	10/18/2010	Chlorobenzene	33	ug/Kg	U
SEE10181510JDF1	10/18/2010	Chlorobenzene	33	ug/Kg	U
SEE10181510JDF1	10/18/2010	Chlorobenzene	33	ug/Kg	U
SEE10131150JDF1	10/13/2010	Chlorobenzene	33	ug/Kg	U
SEE10101010PML1	10/10/2010	Chlorobenzene	33	ug/Kg	U
SEE10101215PML1	10/10/2010	Chlorobenzene	33	ug/Kg	U
SEE10101215PML1	10/10/2010	Chlorobenzene	33	ug/Kg	U
SEE09140945PML1	9/14/2010	Chlorobenzene	33	ug/Kg	UJ
SEE09061525MHS1	9/6/2010	Chlorobenzene	33	ug/Kg	U
SEE09051130PML1	9/5/2010	Chlorobenzene	33	ug/Kg	U
SEE09031100PML1	9/3/2010	Chlorobenzene	33	ug/Kg	UJ
SEE09021010PML1	9/2/2010	Chlorobenzene	33	ug/Kg	U
SEE08281630RCM1	8/28/2010	Chlorobenzene	33	ug/kg	U
SEE10031115JDF1	10/3/2010	Chlorobenzene	32	ug/Kg	U
SEE10031115JDF1	10/3/2010	Chlorobenzene	32	ug/Kg	U
SEE09301205RCM1	9/30/2010	Chlorobenzene	32	ug/Kg	U
SEE09301255JDF1	9/30/2010	Chlorobenzene	32	ug/Kg	U
SEE09231645JDF1	9/23/2010	Chlorobenzene	32	ug/Kg	U
SEE09141515PML1	9/14/2010	Chlorobenzene	32	ug/Kg	UJ
SEE09101625PML1	9/10/2010	Chlorobenzene	32	ug/Kg	U

**TABLE B-2b**  
**Upstream Sediment Samples (Morrow Lake)**

Sample ID	Sample Date	Analyte	Result	Unit	Data Qualifier
SEE09091005RCM1	9/9/2010	Chlorobenzene	32	ug/Kg	U
SEE09061105PML1	9/6/2010	Chlorobenzene	32	ug/Kg	U
SEE09031650PML1	9/3/2010	Chlorobenzene	32	ug/Kg	UJ
SEE09031650PML1	9/3/2010	Chlorobenzene	32	ug/Kg	UJ
SEE10081231PML1	10/8/2010	Chlorobenzene	31	ug/Kg	U
SEE09231210JDF1	9/23/2010	Chlorobenzene	31	ug/Kg	U
SEE09161045PML1	9/16/2010	Chlorobenzene	31	ug/Kg	U
SEE09081205PML1	9/8/2010	Chlorobenzene	31	ug/Kg	U
SEE09071050PML1	9/7/2010	Chlorobenzene	31	ug/Kg	U
SEE08301145MHS1	8/30/2010	Chlorobenzene	31	ug/Kg	U
SEE10161115ARM1	10/16/2010	Chlorobenzene	30	ug/Kg	U
SEE10120930JDF1	10/12/2010	Chlorobenzene	30	ug/Kg	U
SEE10071101PML1	10/7/2010	Chlorobenzene	30	ug/Kg	UJ
SEE09261625JDF1	9/26/2010	Chlorobenzene	30	ug/Kg	U
SEE09261625JDF1	9/26/2010	Chlorobenzene	30	ug/Kg	U
SEE09131445RCM1	9/13/2010	Chlorobenzene	30	ug/Kg	U
SEE09121055PML1	9/12/2010	Chlorobenzene	30	ug/Kg	U
SEE09121055PML1	9/12/2010	Chlorobenzene	30	ug/Kg	U
SEE09121436RCM1	9/12/2010	Chlorobenzene	30	ug/Kg	U
SEE09091410RCM1	9/9/2010	Chlorobenzene	30	ug/Kg	U
SEE09011050PML1	9/1/2010	Chlorobenzene	30	ug/Kg	U
SEE10081051RCM1	10/8/2010	Chlorobenzene	29	ug/Kg	U
SEE10061640PML1	10/6/2010	Chlorobenzene	29	ug/Kg	U
SEE10061640PML1	10/6/2010	Chlorobenzene	29	ug/Kg	U
SEE10051653PML1	10/5/2010	Chlorobenzene	29	ug/Kg	U
SEE09261215JDF1	9/26/2010	Chlorobenzene	29	ug/Kg	U
SEE09231130ARM1	9/23/2010	Chlorobenzene	29	ug/Kg	U
SEE09191040PML1	9/19/2010	Chlorobenzene	29	ug/Kg	U
SEE09131026RCM1	9/13/2010	Chlorobenzene	29	ug/Kg	U
SEE09131505PML1	9/13/2010	Chlorobenzene	29	ug/Kg	U
SEE09040950PML1	9/4/2010	Chlorobenzene	29	ug/Kg	U
SEE10011120JDF1	10/1/2010	Chlorobenzene	28	ug/Kg	U
SEE09211155JDF1	9/21/2010	Chlorobenzene	28	ug/Kg	U
SEE09171415PML1	9/17/2010	Chlorobenzene	28	ug/Kg	U
SEE09151145PML1	9/15/2010	Chlorobenzene	28	ug/Kg	U
SEE09151145PML1	9/15/2010	Chlorobenzene	28	ug/Kg	U
SEE09131620PML1	9/13/2010	Chlorobenzene	28	ug/Kg	U
SEE09121450PML1	9/12/2010	Chlorobenzene	28	ug/Kg	U
SEE09091515PML1	9/9/2010	Chlorobenzene	28	ug/Kg	U
SEE09081010PML1	9/8/2010	Chlorobenzene	28	ug/Kg	U
SEE09081020RCM1	9/8/2010	Chlorobenzene	28	ug/Kg	U
SEE09011255PML1	9/1/2010	Chlorobenzene	28	ug/Kg	U
SEE08301015JRP1	8/30/2010	Chlorobenzene	28	ug/Kg	U
SEE08261420RCM1	8/26/2010	Chlorobenzene	28	ug/kg	U
SEE10091614PML1	10/9/2010	Chlorobenzene	27	ug/Kg	U
SEE10061205PML1	10/6/2010	Chlorobenzene	27	ug/Kg	U
SEE10041150JDF1	10/4/2010	Chlorobenzene	27	ug/Kg	UJ
SEE09251135JDF1	9/25/2010	Chlorobenzene	27	ug/Kg	U
SEE09221440JDF1	9/22/2010	Chlorobenzene	27	ug/Kg	U
SEE09170839RCM1	9/17/2010	Chlorobenzene	27	ug/Kg	U
SEE09151015PML1	9/15/2010	Chlorobenzene	27	ug/Kg	U
SEE08291110PML1	8/29/2010	Chlorobenzene	27	ug/kg	U
SEE10141150JDF1	10/14/2010	Chlorobenzene	26	ug/Kg	U
SEE10141550JDF1	10/14/2010	Chlorobenzene	26	ug/Kg	U
SEE10141550JDF1	10/14/2010	Chlorobenzene	26	ug/Kg	U
SEE10121155JDF1	10/12/2010	Chlorobenzene	26	ug/Kg	U
SEE09271130JDF1	9/27/2010	Chlorobenzene	26	ug/Kg	U
SEE09131125PML1	9/13/2010	Chlorobenzene	26	ug/Kg	U
SEE09091010PML1	9/9/2010	Chlorobenzene	26	ug/Kg	U
SEE09091145PML1	9/9/2010	Chlorobenzene	26	ug/Kg	U

**TABLE B-2b**  
**Upstream Sediment Samples (Morrow Lake)**

Sample ID	Sample Date	Analyte	Result	Unit	Data Qualifier
SEE09091410PML1	9/9/2010	Chlorobenzene	26	ug/Kg	U
SEE09061130MHS1	9/6/2010	Chlorobenzene	26	ug/Kg	U
SEE09011145PML1	9/1/2010	Chlorobenzene	26	ug/Kg	U
SEE08301638MHS1	8/30/2010	Chlorobenzene	26	ug/Kg	U
SEE10151055ARM1	10/15/2010	Chlorobenzene	25	ug/Kg	U
SEE10121415ARM1	10/12/2010	Chlorobenzene	25	ug/Kg	U
SEE10111125JDF1	10/11/2010	Chlorobenzene	25	ug/Kg	U
SEE10031425JDF1	10/3/2010	Chlorobenzene	25	ug/Kg	U
SEE09291035JDF1	9/29/2010	Chlorobenzene	25	ug/Kg	U
SEE09220935RCM1	9/22/2010	Chlorobenzene	25	ug/Kg	U
SEE09111015PML1	9/11/2010	Chlorobenzene	25	ug/Kg	U
SEE09051015PML1	9/5/2010	Chlorobenzene	25	ug/Kg	U
SEE08301445JRP1	8/30/2010	Chlorobenzene	25	ug/Kg	U
SEE10161415JDF1	10/16/2010	Chlorobenzene	24	ug/Kg	U
SEE10040945JDF1	10/4/2010	Chlorobenzene	24	ug/Kg	UJ
SEE09230955RCM1	9/23/2010	Chlorobenzene	24	ug/Kg	U
SEE09211530JDF1	9/21/2010	Chlorobenzene	24	ug/Kg	U
SEE09170945PML1	9/17/2010	Chlorobenzene	24	ug/Kg	U
SEE09171125PML1	9/17/2010	Chlorobenzene	24	ug/Kg	U
SEE09130955JRP1	9/13/2010	Chlorobenzene	24	ug/Kg	U
SEE09091605PML1	9/9/2010	Chlorobenzene	24	ug/Kg	U
SEE09041350PML1	9/4/2010	Chlorobenzene	24	ug/Kg	U
SEE10071205PML1	10/7/2010	Chlorobenzene	23	ug/Kg	UJ
SEE10071540PML1	10/7/2010	Chlorobenzene	23	ug/Kg	UJ
SEE10041335JDF1	10/4/2010	Chlorobenzene	23	ug/Kg	UJ
SEE09271025ARM1	9/27/2010	Chlorobenzene	23	ug/Kg	U
SEE09171530PML1	9/17/2010	Chlorobenzene	23	ug/Kg	U
SEE09051430PML1	9/5/2010	Chlorobenzene	23	ug/Kg	U
SEE08271500PML1	8/27/2010	Chlorobenzene	23	ug/kg	U
SEE10150945JDF1	10/15/2010	Chlorobenzene	22	ug/Kg	U
SEE10111011JDF1	10/11/2010	Chlorobenzene	22	ug/Kg	U
SEE10111350JDF1	10/11/2010	Chlorobenzene	22	ug/Kg	U
SEE10061051RCM1	10/6/2010	Chlorobenzene	22	ug/Kg	U
SEE10041355ARM1	10/4/2010	Chlorobenzene	22	ug/Kg	UJ
SEE09271515JDF1	9/27/2010	Chlorobenzene	22	ug/Kg	U
SEE09221105JDF1	9/22/2010	Chlorobenzene	22	ug/Kg	U
SEE09130940PML1	9/13/2010	Chlorobenzene	22	ug/Kg	U
SEE08281215PML1	8/28/2010	Chlorobenzene	22	ug/kg	U
SEE10121030JDF1	10/12/2010	Chlorobenzene	21	ug/Kg	U
SEE09290925JDF1	9/29/2010	Chlorobenzene	21	ug/Kg	U
SEE09091025JRP1	9/9/2010	Chlorobenzene	21	ug/Kg	U
SEE09011635PML1	9/1/2010	Chlorobenzene	21	ug/Kg	U
SEE08301520JRP1	8/30/2010	Chlorobenzene	21	ug/Kg	U
SEE08281420TWH1	8/28/2010	Chlorobenzene	21	ug/kg	U
SEE08261445JRP1	8/26/2010	Chlorobenzene	21	ug/Kg	U
SEE10161055JDF1	10/16/2010	Chlorobenzene	20	ug/Kg	U
SEE10151355ARM1	10/15/2010	Chlorobenzene	20	ug/Kg	U
SEE10071415ARM1	10/7/2010	Chlorobenzene	20	ug/Kg	UJ
SEE09031140MHS1	9/3/2010	Chlorobenzene	20	ug/Kg	UJ
SEE08291421KAP1	8/29/2010	Chlorobenzene	20	ug/kg	U
SEE08271145RCM1	8/27/2010	Chlorobenzene	20	ug/kg	U
SEE10041050JDF1	10/4/2010	Chlorobenzene	19	ug/Kg	UJ
SEE09301255MAE1	9/30/2010	Chlorobenzene	19	ug/Kg	U
SEE09291645JDF1	9/29/2010	Chlorobenzene	19	ug/Kg	U
SEE09051550MHS1	9/5/2010	Chlorobenzene	19	ug/Kg	U
SEE09031645MHS1	9/3/2010	Chlorobenzene	19	ug/Kg	UJ
SEE10041138RCM1	10/4/2010	Chlorobenzene	18	ug/Kg	UJ
SEE09221615JDF1	9/22/2010	Chlorobenzene	18	ug/Kg	U
SEE09191445RCM1	9/19/2010	Chlorobenzene	18	ug/Kg	U
SEE08311010JRP1	8/31/2010	Chlorobenzene	18	ug/Kg	U

**TABLE B-2b**  
**Upstream Sediment Samples (Morrow Lake)**

Sample ID	Sample Date	Analyte	Result	Unit	Data Qualifier
SEE09250905RCM1	9/25/2010	Chlorobenzene	17	ug/Kg	U
SEE09200911RCM1	9/20/2010	Chlorobenzene	17	ug/Kg	U
SEE09090900JRP1	9/9/2010	Chlorobenzene	17	ug/Kg	U
SEE09011545MHS1	9/1/2010	Chlorobenzene	17	ug/Kg	U
SEE08281510TWH1	8/28/2010	Chlorobenzene	17	ug/kg	U
SEE10170915JDF1	10/17/2010	Chlorobenzene	16	ug/Kg	U
SEE09291135JDF1	9/29/2010	Chlorobenzene	16	ug/Kg	U
SEE09260930RCM1	9/26/2010	Chlorobenzene	16	ug/Kg	U
SEE09201110ARM1	9/20/2010	Chlorobenzene	15	ug/Kg	U
SEE08301530JAW1	8/30/2010	Chlorobenzene	15	ug/Kg	U
SEE08291550KAP1	8/29/2010	Chlorobenzene	15	ug/kg	U
SEE10071151RCM1	10/7/2010	Chlorobenzene	14	ug/Kg	UJ
SEE09211112RCM1	9/21/2010	Chlorobenzene	14	ug/Kg	U
SEE08311348MHS1	8/31/2010	Chlorobenzene	14	ug/Kg	U
SEE08300920JRP1	8/30/2010	Chlorobenzene	14	ug/Kg	U
SEE08261620RCM1	8/26/2010	Chlorobenzene	14	ug/kg	U
SEE10141025ARM1	10/14/2010	Chlorobenzene	12	ug/Kg	U
SEE09130915JRP1	9/13/2010	Chlorobenzene	12	ug/Kg	U
SEE10091200ARM1	10/9/2010	Chlorobenzene	11	ug/Kg	U
SEE09291023RCM1	9/29/2010	Chlorobenzene	11	ug/Kg	U
SEE09171445RCM1	9/17/2010	Chlorobenzene	11	ug/Kg	U
SEE09161035RCM1	9/16/2010	Chlorobenzene	11	ug/Kg	U
SEE09141312RCM1	9/14/2010	Chlorobenzene	10	ug/Kg	UJ
SEE08291445PML1	8/29/2010	Chlorobenzene	10	ug/kg	U
SEE08291354KAP1	8/29/2010	Chlorobenzene	9.3	ug/kg	U
SEE10051415ARM1	10/5/2010	Chlorobenzene	8.7	ug/Kg	U
SEE09061610JAW1	9/6/2010	Chlorobenzene	8.5	ug/Kg	U
SEE10011125ARM1	10/1/2010	Chlorobenzene	8.2	ug/Kg	U
SEE08261700JRP1	8/26/2010	Chlorobenzene	8.2	ug/Kg	U
SEE09051500MHS1	9/5/2010	Chlorobenzene	8.0	ug/Kg	U
SEE10171535ARM1	10/17/2010	Chlorobenzene	7.9	ug/Kg	U
SEE09231035ARM1	9/23/2010	Chlorobenzene	7.9	ug/Kg	U
SEE09171200ARM1	9/17/2010	Chlorobenzene	7.9	ug/Kg	U
SEE08271614TWH1	8/27/2010	Chlorobenzene	7.8	ug/kg	U
SEE10081035ARM1	10/8/2010	Chlorobenzene	7.6	ug/Kg	U
SEE08271652TWH1	8/27/2010	Chlorobenzene	7.6	ug/kg	U
SEE09100945RCM1	9/10/2010	Chlorobenzene	7.5	ug/Kg	U
SEE09211120ARM1	9/21/2010	Chlorobenzene	7.4	ug/Kg	U
SEB09011143JLS1	9/1/2010	Chlorobenzene	7.1	ug/Kg	U
SEE08301410JRP1	8/30/2010	Chlorobenzene	7.0	ug/Kg	U
SEE09281445RCM1	9/28/2010	Chlorobenzene	6.5	ug/Kg	U
SEE08271536TWH1	8/27/2010	Chlorobenzene	6.3	ug/kg	U
SEE09271500ARM1	9/27/2010	Chlorobenzene	6.2	ug/Kg	U
SEE09170935RCM1	9/17/2010	Chlorobenzene	6.1	ug/Kg	U
SEF10011045TDF1	10/1/2010	Chlorobenzene	6.0	ug/Kg	U
SEE09150915JRP1	9/15/2010	Chlorobenzene	6.0	ug/Kg	U
SEE10011043RCM1	10/1/2010	Chlorobenzene	5.8	ug/Kg	U
SEE09290915MAE1	9/29/2010	Chlorobenzene	5.8	ug/Kg	U
SEE10131035ARM1	10/13/2010	Chlorobenzene	5.5	ug/Kg	U
SEE10071045ARM1	10/7/2010	Chlorobenzene	5.5	ug/Kg	UJ
SEE10041045ARM1	10/4/2010	Chlorobenzene	5.5	ug/Kg	UJ
SEF10151030PMB3	10/15/2010	Chlorobenzene	5.4	ug/Kg	U
SEF10081108TDF3	10/8/2010	Chlorobenzene	5.4	ug/Kg	U
SEE09251235ARM1	9/25/2010	Chlorobenzene	5.4	ug/Kg	U
SEE08281540JRP1	8/28/2010	Chlorobenzene	5.4	ug/kg	U
SEF10051206TDF3	10/5/2010	Chlorobenzene	5.3	ug/Kg	U
SEE09140945JRP1	9/14/2010	Chlorobenzene	5.3	ug/Kg	UJ
SEE09080930JRP1	9/8/2010	Chlorobenzene	5.3	ug/Kg	U
SEE09011515JAW1	9/1/2010	Chlorobenzene	5.3	ug/Kg	U
SEE08301100JRP1	8/30/2010	Chlorobenzene	5.3	ug/Kg	U



**TABLE B-2b**  
**Upstream Sediment Samples (Morrow Lake)**

Sample ID	Sample Date	Analyte	Result	Unit	Data Qualifier
SEE10121040ARM1	10/12/2010	Chlorobenzene	5.2	ug/Kg	U
SEF10121130PMB3	10/12/2010	Chlorobenzene	5.2	ug/Kg	U
SEE09221045ARM1	9/22/2010	Chlorobenzene	5.2	ug/Kg	U
SEE09100920JRP1	9/10/2010	Chlorobenzene	5.1	ug/Kg	U
SEB08281400JLS1	8/28/2010	Chlorobenzene	5.1	ug/kg	U
SEE09301025MAE1	9/30/2010	Chlorobenzene	5.0	ug/Kg	U
SEE09051500JAW1	9/5/2010	Chlorobenzene	5.0	ug/Kg	U
SEE10051145RCM1	10/5/2010	Chlorobenzene	4.9	ug/Kg	U
SEE09070930JRP1	9/7/2010	Chlorobenzene	4.9	ug/Kg	U
SEE10061135ARM1	10/6/2010	Chlorobenzene	4.8	ug/Kg	U
SEE10181030JWP1	10/18/2010	Chlorobenzene	4.6	ug/Kg	U
SEF09281139TDF1	9/28/2010	Chlorobenzene	4.3	ug/Kg	U
SEE09231205RCM1	9/23/2010	Chlorobenzene	3.3	ug/Kg	U
SEE08271445JRP1	8/27/2010	Chlorobenzene	2.8	ug/kg	U
ML-07-S-082510	8/25/2010	Chlorobenzene	0.73	mg/Kg	U
ML-03-S-082510	8/25/2010	Chlorobenzene	0.43	mg/Kg	U
ML-06-S-082510	8/25/2010	Chlorobenzene	0.42	mg/Kg	U
ML-07-S-082410	8/24/2010	Chlorobenzene	0.41	mg/Kg	UJ
ML-06-S-082010	8/20/2010	Chlorobenzene	0.38	mg/Kg	U
ML-08-S-082510	8/25/2010	Chlorobenzene	0.37	mg/Kg	U
ML-08-S-082410	8/24/2010	Chlorobenzene	0.37	mg/Kg	UJ
ML-06-S-082310	8/23/2010	Chlorobenzene	0.37	mg/Kg	U
ML-07-S-082110	8/21/2010	Chlorobenzene	0.37	mg/Kg	U
ML-08-S-082110	8/21/2010	Chlorobenzene	0.37	mg/Kg	U
ML-10-S-082110	8/21/2010	Chlorobenzene	0.37	mg/Kg	U
ML-10-S-082110	8/21/2010	Chlorobenzene	0.37	mg/Kg	U
ML-10-S-081910	8/19/2010	Chlorobenzene	0.37	mg/Kg	U
ML-10-S-081910	8/19/2010	Chlorobenzene	0.37	mg/Kg	U
ML-07-S-081810	8/18/2010	Chlorobenzene	0.37	mg/Kg	UJ
ML-09-S-081810	8/18/2010	Chlorobenzene	0.37	mg/Kg	UJ
ML-10-S-082410	8/24/2010	Chlorobenzene	0.36	mg/Kg	UJ
ML-10-S-082410	8/24/2010	Chlorobenzene	0.36	mg/Kg	UJ
ML-01-S-081610	8/16/2010	Chlorobenzene	0.35	mg/Kg	U
ML-10-S-081610	8/16/2010	Chlorobenzene	0.35	mg/Kg	U
ML-10-S-081610	8/16/2010	Chlorobenzene	0.35	mg/Kg	U
ML-04-S-082410	8/24/2010	Chlorobenzene	0.34	mg/Kg	UJ
ML-03-S-082310	8/23/2010	Chlorobenzene	0.34	mg/Kg	U
ML-10-S-082110-D	8/21/2010	Chlorobenzene	0.34	mg/Kg	U
ML-10-S-082110-D	8/21/2010	Chlorobenzene	0.34	mg/Kg	U
ML-07-S-081610	8/16/2010	Chlorobenzene	0.34	mg/Kg	U
ML-08-S-081610-D	8/16/2010	Chlorobenzene	0.34	mg/Kg	U
ML-04-S-082610	8/26/2010	Chlorobenzene	0.33	mg/Kg	U
ML-05-S-082310	8/23/2010	Chlorobenzene	0.33	mg/Kg	U
ML-05-S-082010	8/20/2010	Chlorobenzene	0.33	mg/Kg	U
ML-10-S-082610	8/26/2010	Chlorobenzene	0.32	mg/Kg	U
ML-10-S-082610	8/26/2010	Chlorobenzene	0.32	mg/Kg	U
ML-06-S-081710	8/17/2010	Chlorobenzene	0.32	mg/Kg	U
ML-08-S-081610	8/16/2010	Chlorobenzene	0.32	mg/Kg	U
ML-01-S-082510	8/25/2010	Chlorobenzene	0.31	mg/Kg	U
ML-09-S-082510	8/25/2010	Chlorobenzene	0.31	mg/Kg	U
ML-09-S-082410	8/24/2010	Chlorobenzene	0.31	mg/Kg	UJ
ML-02-S-081710	8/17/2010	Chlorobenzene	0.31	mg/Kg	U
ML-02-S-082510	8/25/2010	Chlorobenzene	0.28	mg/Kg	U
ML-09-S-082110	8/21/2010	Chlorobenzene	0.28	mg/Kg	U
ML-01-S-082110	8/21/2010	Chlorobenzene	0.27	mg/Kg	U
ML-04-S-081710	8/17/2010	Chlorobenzene	0.27	mg/Kg	U
ML-05-S-081710	8/17/2010	Chlorobenzene	0.27	mg/Kg	U
ML-02-S-082310	8/23/2010	Chlorobenzene	0.25	mg/Kg	U
ML-04-S-082010	8/20/2010	Chlorobenzene	0.25	mg/Kg	U
ML-01-S-081910	8/19/2010	Chlorobenzene	0.25	mg/Kg	U

**TABLE B-2b**  
**Upstream Sediment Samples (Morrow Lake)**

Sample ID	Sample Date	Analyte	Result	Unit	Data Qualifier
ML-02-S-082010	8/20/2010	Chlorobenzene	0.22	mg/Kg	U
ML-03-S-081610	8/16/2010	Chlorobenzene	0.22	mg/Kg	U
ML-03-S-082010	8/20/2010	Chlorobenzene	0.19	mg/Kg	U
ML-05-S-082610	8/26/2010	Chlorobenzene	0.17	mg/Kg	U
SEE10211035JDF1	10/21/2010	Chloroethane	1900	ug/Kg	U
SEE10191515JDF1	10/19/2010	Chloroethane	1700	ug/Kg	U
SEE10221110JDF1	10/22/2010	Chloroethane	1600	ug/Kg	U
SEE10221110JDF1	10/22/2010	Chloroethane	1600	ug/Kg	U
SEE10211430JDF1	10/21/2010	Chloroethane	1600	ug/Kg	U
SEE10191005JDF1	10/19/2010	Chloroethane	1600	ug/Kg	U
SEE10191155JDF1	10/19/2010	Chloroethane	1500	ug/Kg	U
SEE10191415JDF1	10/19/2010	Chloroethane	1500	ug/Kg	U
SEE10221055DWS1	10/22/2010	Chloroethane	1400	ug/Kg	U
SEE10211010JWP1	10/21/2010	Chloroethane	1400	ug/Kg	U
SEE10191010JWP1	10/19/2010	Chloroethane	1400	ug/Kg	U
SEE10191100JDF1	10/19/2010	Chloroethane	1400	ug/Kg	U
SEE10221450DWS1	10/22/2010	Chloroethane	730	ug/Kg	U
SEE10211345JWP1	10/21/2010	Chloroethane	660	ug/Kg	U
SEF10221050MAE3	10/22/2010	Chloroethane	460	ug/Kg	U
SEF10191135NAC3	10/19/2010	Chloroethane	450	ug/Kg	U
SEE10191115JWP1	10/19/2010	Chloroethane	400	ug/Kg	U
SEE10141015JDF1	10/14/2010	Chloroethane	280	ug/Kg	U
SEE09200945PML1	9/20/2010	Chloroethane	60	ug/Kg	U
SEE09200945PML1	9/20/2010	Chloroethane	60	ug/Kg	U
SEE09201115RCM1	9/20/2010	Chloroethane	58	ug/Kg	U
SEE09201645ARM1	9/20/2010	Chloroethane	48	ug/Kg	U
SEE10071042RCM1	10/7/2010	Chloroethane	45	ug/Kg	U
SEE09061500PML1	9/6/2010	Chloroethane	45	ug/Kg	U
SEE08281607TWH1	8/28/2010	Chloroethane	44	ug/kg	U
SEE09301105JDF1	9/30/2010	Chloroethane	42	ug/Kg	U
SEE09181705PML1	9/18/2010	Chloroethane	42	ug/Kg	U
SEE09021400PML1	9/2/2010	Chloroethane	41	ug/Kg	U
SEE08301130PML1	8/30/2010	Chloroethane	41	ug/Kg	U
SEE10091401PML1	10/9/2010	Chloroethane	40	ug/Kg	U
SEE10181035JDF1	10/18/2010	Chloroethane	39	ug/Kg	U
SEE10051125PML1	10/5/2010	Chloroethane	39	ug/Kg	U
SEE08311045PML1	8/31/2010	Chloroethane	39	ug/Kg	U
SEE10141555ARM1	10/14/2010	Chloroethane	38	ug/Kg	U
SEE09101215PML1	9/10/2010	Chloroethane	38	ug/Kg	U
SEE10161530JDF1	10/16/2010	Chloroethane	37	ug/Kg	U
SEE10081115PML1	10/8/2010	Chloroethane	37	ug/Kg	U
SEE09030925PML1	9/3/2010	Chloroethane	37	ug/Kg	U
SEE09031115JAW1	9/3/2010	Chloroethane	37	ug/Kg	U
SEE08281505PML1	8/28/2010	Chloroethane	37	ug/kg	U
SEE10171410JDF1	10/17/2010	Chloroethane	36	ug/Kg	U
SEE09191530PML1	9/19/2010	Chloroethane	36	ug/Kg	U
SEE09181235PML1	9/18/2010	Chloroethane	36	ug/Kg	U
SEE09141135PML1	9/14/2010	Chloroethane	36	ug/Kg	U
SEE09101022PML1	9/10/2010	Chloroethane	36	ug/Kg	U
SEE10171115JDF1	10/17/2010	Chloroethane	35	ug/Kg	U
SEE08311420PML1	8/31/2010	Chloroethane	35	ug/Kg	U
SEE08311420PML1	8/31/2010	Chloroethane	35	ug/Kg	U
SEE08271215PML1	8/27/2010	Chloroethane	35	ug/kg	U
SEE10041530JDF1	10/4/2010	Chloroethane	34	ug/Kg	U
SEE09121105RCM1	9/12/2010	Chloroethane	34	ug/Kg	U
SEE09011545PML1	9/1/2010	Chloroethane	34	ug/Kg	U
SEE08301550PML1	8/30/2010	Chloroethane	34	ug/Kg	U
SEE10181210JDF1	10/18/2010	Chloroethane	33	ug/Kg	U
SEE10181430JWP1	10/18/2010	Chloroethane	33	ug/Kg	U
SEE10181510JDF1	10/18/2010	Chloroethane	33	ug/Kg	U

**TABLE B-2b**  
**Upstream Sediment Samples (Morrow Lake)**

Sample ID	Sample Date	Analyte	Result	Unit	Data Qualifier
SEE10181510JDF1	10/18/2010	Chloroethane	33	ug/Kg	U
SEE10131150JDF1	10/13/2010	Chloroethane	33	ug/Kg	U
SEE10101010PML1	10/10/2010	Chloroethane	33	ug/Kg	U
SEE10101215PML1	10/10/2010	Chloroethane	33	ug/Kg	U
SEE10101215PML1	10/10/2010	Chloroethane	33	ug/Kg	U
SEE09140945PML1	9/14/2010	Chloroethane	33	ug/Kg	U
SEE09061525MHS1	9/6/2010	Chloroethane	33	ug/Kg	U
SEE09051130PML1	9/5/2010	Chloroethane	33	ug/Kg	U
SEE09031100PML1	9/3/2010	Chloroethane	33	ug/Kg	U
SEE09021010PML1	9/2/2010	Chloroethane	33	ug/Kg	U
SEE08281630RCM1	8/28/2010	Chloroethane	33	ug/kg	U
SEE10031115JDF1	10/3/2010	Chloroethane	32	ug/Kg	U
SEE10031115JDF1	10/3/2010	Chloroethane	32	ug/Kg	U
SEE09301205RCM1	9/30/2010	Chloroethane	32	ug/Kg	U
SEE09301255JDF1	9/30/2010	Chloroethane	32	ug/Kg	U
SEE09231645JDF1	9/23/2010	Chloroethane	32	ug/Kg	U
SEE09141515PML1	9/14/2010	Chloroethane	32	ug/Kg	U
SEE09101625PML1	9/10/2010	Chloroethane	32	ug/Kg	U
SEE09091005RCM1	9/9/2010	Chloroethane	32	ug/Kg	U
SEE09061105PML1	9/6/2010	Chloroethane	32	ug/Kg	U
SEE09031650PML1	9/3/2010	Chloroethane	32	ug/Kg	U
SEE09031650PML1	9/3/2010	Chloroethane	32	ug/Kg	U
SEE10081231PML1	10/8/2010	Chloroethane	31	ug/Kg	U
SEE09231210JDF1	9/23/2010	Chloroethane	31	ug/Kg	U *
SEE09161045PML1	9/16/2010	Chloroethane	31	ug/Kg	U
SEE09081205PML1	9/8/2010	Chloroethane	31	ug/Kg	U
SEE09071050PML1	9/7/2010	Chloroethane	31	ug/Kg	U
SEE08301145MHS1	8/30/2010	Chloroethane	31	ug/Kg	U
SEE10161115ARM1	10/16/2010	Chloroethane	30	ug/Kg	U
SEE10120930JDF1	10/12/2010	Chloroethane	30	ug/Kg	U
SEE10071101PML1	10/7/2010	Chloroethane	30	ug/Kg	U
SEE09261625JDF1	9/26/2010	Chloroethane	30	ug/Kg	U
SEE09261625JDF1	9/26/2010	Chloroethane	30	ug/Kg	U
SEE09131445RCM1	9/13/2010	Chloroethane	30	ug/Kg	U
SEE09121055PML1	9/12/2010	Chloroethane	30	ug/Kg	U
SEE09121055PML1	9/12/2010	Chloroethane	30	ug/Kg	U
SEE09121436RCM1	9/12/2010	Chloroethane	30	ug/Kg	U
SEE09091410RCM1	9/9/2010	Chloroethane	30	ug/Kg	U
SEE09011050PML1	9/1/2010	Chloroethane	30	ug/Kg	U
SEE10081051RCM1	10/8/2010	Chloroethane	29	ug/Kg	U
SEE10061640PML1	10/6/2010	Chloroethane	29	ug/Kg	U
SEE10061640PML1	10/6/2010	Chloroethane	29	ug/Kg	U
SEE10051653PML1	10/5/2010	Chloroethane	29	ug/Kg	U
SEE09261215JDF1	9/26/2010	Chloroethane	29	ug/Kg	U
SEE09231130ARM1	9/23/2010	Chloroethane	29	ug/Kg	U
SEE09191040PML1	9/19/2010	Chloroethane	29	ug/Kg	U
SEE09131026RCM1	9/13/2010	Chloroethane	29	ug/Kg	U
SEE09131505PML1	9/13/2010	Chloroethane	29	ug/Kg	U
SEE09040950PML1	9/4/2010	Chloroethane	29	ug/Kg	U
SEE10011120JDF1	10/1/2010	Chloroethane	28	ug/Kg	U
SEE09211155JDF1	9/21/2010	Chloroethane	28	ug/Kg	U
SEE09171415PML1	9/17/2010	Chloroethane	28	ug/Kg	U
SEE09151145PML1	9/15/2010	Chloroethane	28	ug/Kg	U
SEE09151145PML1	9/15/2010	Chloroethane	28	ug/Kg	U
SEE09131620PML1	9/13/2010	Chloroethane	28	ug/Kg	U
SEE09121450PML1	9/12/2010	Chloroethane	28	ug/Kg	U
SEE09091515PML1	9/9/2010	Chloroethane	28	ug/Kg	U
SEE09081010PML1	9/8/2010	Chloroethane	28	ug/Kg	U
SEE09081020RCM1	9/8/2010	Chloroethane	28	ug/Kg	U
SEE09011255PML1	9/1/2010	Chloroethane	28	ug/Kg	U

**TABLE B-2b**  
**Upstream Sediment Samples (Morrow Lake)**

Sample ID	Sample Date	Analyte	Result	Unit	Data Qualifier
SEE08301015JRP1	8/30/2010	Chloroethane	28	ug/Kg	U
SEE08261420RCM1	8/26/2010	Chloroethane	28	ug/kg	U
SEE10091614PML1	10/9/2010	Chloroethane	27	ug/Kg	U
SEE10061205PML1	10/6/2010	Chloroethane	27	ug/Kg	U
SEE10041150JDF1	10/4/2010	Chloroethane	27	ug/Kg	U
SEE09251135JDF1	9/25/2010	Chloroethane	27	ug/Kg	U
SEE09221440JDF1	9/22/2010	Chloroethane	27	ug/Kg	U
SEE09170839RCM1	9/17/2010	Chloroethane	27	ug/Kg	U
SEE09151015PML1	9/15/2010	Chloroethane	27	ug/Kg	U
SEE08291110PML1	8/29/2010	Chloroethane	27	ug/kg	U
SEE10141150JDF1	10/14/2010	Chloroethane	26	ug/Kg	U
SEE10141550JDF1	10/14/2010	Chloroethane	26	ug/Kg	U
SEE10141550JDF1	10/14/2010	Chloroethane	26	ug/Kg	U
SEE10121155JDF1	10/12/2010	Chloroethane	26	ug/Kg	U
SEE09271130JDF1	9/27/2010	Chloroethane	26	ug/Kg	U
SEE09131125PML1	9/13/2010	Chloroethane	26	ug/Kg	U
SEE09091010PML1	9/9/2010	Chloroethane	26	ug/Kg	U
SEE09091145PML1	9/9/2010	Chloroethane	26	ug/Kg	U
SEE09091410PML1	9/9/2010	Chloroethane	26	ug/Kg	U
SEE09061130MHS1	9/6/2010	Chloroethane	26	ug/Kg	U
SEE09011145PML1	9/1/2010	Chloroethane	26	ug/Kg	U
SEE08301638MHS1	8/30/2010	Chloroethane	26	ug/Kg	U
SEE10151055ARM1	10/15/2010	Chloroethane	25	ug/Kg	U
SEE10121415ARM1	10/12/2010	Chloroethane	25	ug/Kg	U
SEE10111125JDF1	10/11/2010	Chloroethane	25	ug/Kg	U
SEE10031425JDF1	10/3/2010	Chloroethane	25	ug/Kg	U
SEE09291035JDF1	9/29/2010	Chloroethane	25	ug/Kg	U
SEE09220935RCM1	9/22/2010	Chloroethane	25	ug/Kg	U
SEE09111015PML1	9/11/2010	Chloroethane	25	ug/Kg	U
SEE09051015PML1	9/5/2010	Chloroethane	25	ug/Kg	U
SEE08301445JRP1	8/30/2010	Chloroethane	25	ug/Kg	U
SEE10161415JDF1	10/16/2010	Chloroethane	24	ug/Kg	U
SEE10040945JDF1	10/4/2010	Chloroethane	24	ug/Kg	U
SEE09230955RCM1	9/23/2010	Chloroethane	24	ug/Kg	U
SEE09211530JDF1	9/21/2010	Chloroethane	24	ug/Kg	U
SEE09170945PML1	9/17/2010	Chloroethane	24	ug/Kg	U
SEE09171125PML1	9/17/2010	Chloroethane	24	ug/Kg	U
SEE09130955JRP1	9/13/2010	Chloroethane	24	ug/Kg	U
SEE09091605PML1	9/9/2010	Chloroethane	24	ug/Kg	U
SEE09041350PML1	9/4/2010	Chloroethane	24	ug/Kg	U
SEE10071205PML1	10/7/2010	Chloroethane	23	ug/Kg	U
SEE10071540PML1	10/7/2010	Chloroethane	23	ug/Kg	U
SEE10041335JDF1	10/4/2010	Chloroethane	23	ug/Kg	U
SEE09271025ARM1	9/27/2010	Chloroethane	23	ug/Kg	U
SEE09171530PML1	9/17/2010	Chloroethane	23	ug/Kg	U
SEE09051430PML1	9/5/2010	Chloroethane	23	ug/Kg	U
SEE08271500PML1	8/27/2010	Chloroethane	23	ug/kg	U
SEE10150945JDF1	10/15/2010	Chloroethane	22	ug/Kg	U
SEE10111011JDF1	10/11/2010	Chloroethane	22	ug/Kg	U
SEE10111350JDF1	10/11/2010	Chloroethane	22	ug/Kg	U
SEE10061051RCM1	10/6/2010	Chloroethane	22	ug/Kg	U
SEE10041355ARM1	10/4/2010	Chloroethane	22	ug/Kg	U
SEE09271515JDF1	9/27/2010	Chloroethane	22	ug/Kg	U
SEE09221105JDF1	9/22/2010	Chloroethane	22	ug/Kg	U
SEE09130940PML1	9/13/2010	Chloroethane	22	ug/Kg	U
SEE08281215PML1	8/28/2010	Chloroethane	22	ug/kg	U
SEE10121030JDF1	10/12/2010	Chloroethane	21	ug/Kg	U
SEE09290925JDF1	9/29/2010	Chloroethane	21	ug/Kg	U
SEE09091025JRP1	9/9/2010	Chloroethane	21	ug/Kg	U
SEE09011635PML1	9/1/2010	Chloroethane	21	ug/Kg	U

**TABLE B-2b**  
**Upstream Sediment Samples (Morrow Lake)**

Sample ID	Sample Date	Analyte	Result	Unit	Data Qualifier
SEE08301520JRP1	8/30/2010	Chloroethane	21	ug/Kg	U
SEE08281420TWH1	8/28/2010	Chloroethane	21	ug/kg	U
SEE08261445JRP1	8/26/2010	Chloroethane	21	ug/Kg	U
SEE10161055JDF1	10/16/2010	Chloroethane	20	ug/Kg	U
SEE10151355ARM1	10/15/2010	Chloroethane	20	ug/Kg	U
SEE10071415ARM1	10/7/2010	Chloroethane	20	ug/Kg	U
SEE09031140MHS1	9/3/2010	Chloroethane	20	ug/Kg	U
SEE08291421KAP1	8/29/2010	Chloroethane	20	ug/kg	U
SEE08271145RCM1	8/27/2010	Chloroethane	20	ug/kg	U
SEE10041050JDF1	10/4/2010	Chloroethane	19	ug/Kg	U
SEE09301255MAE1	9/30/2010	Chloroethane	19	ug/Kg	U
SEE09291645JDF1	9/29/2010	Chloroethane	19	ug/Kg	U
SEE09051550MHS1	9/5/2010	Chloroethane	19	ug/Kg	U
SEE09031645MHS1	9/3/2010	Chloroethane	19	ug/Kg	U
SEE10041138RCM1	10/4/2010	Chloroethane	18	ug/Kg	U
SEE09221615JDF1	9/22/2010	Chloroethane	18	ug/Kg	U
SEE09191445RCM1	9/19/2010	Chloroethane	18	ug/Kg	U
SEE08311010JRP1	8/31/2010	Chloroethane	18	ug/Kg	U
SEE09250905RCM1	9/25/2010	Chloroethane	17	ug/Kg	U
SEE09200911RCM1	9/20/2010	Chloroethane	17	ug/Kg	U
SEE09090900JRP1	9/9/2010	Chloroethane	17	ug/Kg	U
SEE09011545MHS1	9/1/2010	Chloroethane	17	ug/Kg	U
SEE08281510TWH1	8/28/2010	Chloroethane	17	ug/kg	U
SEE10170915JDF1	10/17/2010	Chloroethane	16	ug/Kg	U
SEE09291135JDF1	9/29/2010	Chloroethane	16	ug/Kg	U
SEE09260930RCM1	9/26/2010	Chloroethane	16	ug/Kg	U
SEE09201110ARM1	9/20/2010	Chloroethane	15	ug/Kg	U
SEE08301530JAW1	8/30/2010	Chloroethane	15	ug/Kg	U
SEE08291550KAP1	8/29/2010	Chloroethane	15	ug/kg	U
SEE10071151RCM1	10/7/2010	Chloroethane	14	ug/Kg	U
SEE09211112RCM1	9/21/2010	Chloroethane	14	ug/Kg	U
SEE08311348MHS1	8/31/2010	Chloroethane	14	ug/Kg	U
SEE08300920JRP1	8/30/2010	Chloroethane	14	ug/Kg	U
SEE08261620RCM1	8/26/2010	Chloroethane	14	ug/kg	U
SEE10141025ARM1	10/14/2010	Chloroethane	12	ug/Kg	U
SEE09130915JRP1	9/13/2010	Chloroethane	12	ug/Kg	U
SEE10091200ARM1	10/9/2010	Chloroethane	11	ug/Kg	U
SEE09291023RCM1	9/29/2010	Chloroethane	11	ug/Kg	U
SEE09171445RCM1	9/17/2010	Chloroethane	11	ug/Kg	U
SEE09161035RCM1	9/16/2010	Chloroethane	11	ug/Kg	U
SEE09141312RCM1	9/14/2010	Chloroethane	10	ug/Kg	U
SEE08291445PML1	8/29/2010	Chloroethane	10	ug/kg	U
SEE08291354KAP1	8/29/2010	Chloroethane	9.3	ug/kg	U
SEE10051415ARM1	10/5/2010	Chloroethane	8.7	ug/Kg	U
SEE09061610JAW1	9/6/2010	Chloroethane	8.5	ug/Kg	U
SEE10011125ARM1	10/1/2010	Chloroethane	8.2	ug/Kg	U
SEE08261700JRP1	8/26/2010	Chloroethane	8.2	ug/Kg	U
SEE09051500MHS1	9/5/2010	Chloroethane	8.0	ug/Kg	U
SEE10171535ARM1	10/17/2010	Chloroethane	7.9	ug/Kg	U
SEE09231035ARM1	9/23/2010	Chloroethane	7.9	ug/Kg	U
SEE09171200ARM1	9/17/2010	Chloroethane	7.9	ug/Kg	U
SEE08271614TWH1	8/27/2010	Chloroethane	7.8	ug/kg	U
SEE10081035ARM1	10/8/2010	Chloroethane	7.6	ug/Kg	U
SEE08271652TWH1	8/27/2010	Chloroethane	7.6	ug/kg	U
SEE09100945RCM1	9/10/2010	Chloroethane	7.5	ug/Kg	U
SEE09211120ARM1	9/21/2010	Chloroethane	7.4	ug/Kg	U
SEB09011143JLS1	9/1/2010	Chloroethane	7.1	ug/Kg	U
SEE08301410JRP1	8/30/2010	Chloroethane	7.0	ug/Kg	U
SEE09281445RCM1	9/28/2010	Chloroethane	6.5	ug/Kg	U
SEE08271536TWH1	8/27/2010	Chloroethane	6.3	ug/kg	U

**TABLE B-2b**  
**Upstream Sediment Samples (Morrow Lake)**

Sample ID	Sample Date	Analyte	Result	Unit	Data Qualifier
SEE09271500ARM1	9/27/2010	Chloroethane	6.2	ug/Kg	U
SEE09170935RCM1	9/17/2010	Chloroethane	6.1	ug/Kg	U
SEF10011045TDF1	10/1/2010	Chloroethane	6.0	ug/Kg	U
SEE09150915JRP1	9/15/2010	Chloroethane	6.0	ug/Kg	U
SEE10011043RCM1	10/1/2010	Chloroethane	5.8	ug/Kg	U
SEE09290915MAE1	9/29/2010	Chloroethane	5.8	ug/Kg	U
SEE10131035ARM1	10/13/2010	Chloroethane	5.5	ug/Kg	U
SEE10071045ARM1	10/7/2010	Chloroethane	5.5	ug/Kg	U
SEE10041045ARM1	10/4/2010	Chloroethane	5.5	ug/Kg	U
SEF10151030PMB3	10/15/2010	Chloroethane	5.4	ug/Kg	U
SEF10081108TDF3	10/8/2010	Chloroethane	5.4	ug/Kg	U
SEE09251235ARM1	9/25/2010	Chloroethane	5.4	ug/Kg	U
SEE08281540JRP1	8/28/2010	Chloroethane	5.4	ug/kg	U
SEF10051206TDF3	10/5/2010	Chloroethane	5.3	ug/Kg	U
SEE09140945JRP1	9/14/2010	Chloroethane	5.3	ug/Kg	U
SEE09080930JRP1	9/8/2010	Chloroethane	5.3	ug/Kg	U
SEE09011515JAW1	9/1/2010	Chloroethane	5.3	ug/Kg	U
SEE08301100JRP1	8/30/2010	Chloroethane	5.3	ug/Kg	U
SEE10121040ARM1	10/12/2010	Chloroethane	5.2	ug/Kg	U
SEF10121130PMB3	10/12/2010	Chloroethane	5.2	ug/Kg	U
SEE09221045ARM1	9/22/2010	Chloroethane	5.2	ug/Kg	U
SEE09100920JRP1	9/10/2010	Chloroethane	5.1	ug/Kg	U
SEB08281400JLS1	8/28/2010	Chloroethane	5.1	ug/kg	U
SEE09301025MAE1	9/30/2010	Chloroethane	5.0	ug/Kg	U
SEE09051500JAW1	9/5/2010	Chloroethane	5.0	ug/Kg	U
SEE10051145RCM1	10/5/2010	Chloroethane	4.9	ug/Kg	U
SEE09070930JRP1	9/7/2010	Chloroethane	4.9	ug/Kg	U
SEE10061135ARM1	10/6/2010	Chloroethane	4.8	ug/Kg	U
SEE10181030JWP1	10/18/2010	Chloroethane	4.6	ug/Kg	U
SEF09281139TDF1	9/28/2010	Chloroethane	4.3	ug/Kg	U
SEE09231205RCM1	9/23/2010	Chloroethane	3.3	ug/Kg	U
SEE08271445JRP1	8/27/2010	Chloroethane	2.8	ug/kg	U
ML-07-S-082510	8/25/2010	Chloroethane	0.73	mg/Kg	U
ML-03-S-082510	8/25/2010	Chloroethane	0.43	mg/Kg	U
ML-06-S-082510	8/25/2010	Chloroethane	0.42	mg/Kg	U
ML-07-S-082410	8/24/2010	Chloroethane	0.41	mg/Kg	UJ
ML-06-S-082010	8/20/2010	Chloroethane	0.38	mg/Kg	UJ
ML-08-S-082510	8/25/2010	Chloroethane	0.37	mg/Kg	U
ML-08-S-082410	8/24/2010	Chloroethane	0.37	mg/Kg	UJ
ML-06-S-082310	8/23/2010	Chloroethane	0.37	mg/Kg	U
ML-07-S-082110	8/21/2010	Chloroethane	0.37	mg/Kg	UJ
ML-08-S-082110	8/21/2010	Chloroethane	0.37	mg/Kg	UJ
ML-10-S-082110	8/21/2010	Chloroethane	0.37	mg/Kg	UJ
ML-10-S-082110	8/21/2010	Chloroethane	0.37	mg/Kg	UJ
ML-10-S-081910	8/19/2010	Chloroethane	0.37	mg/Kg	UJ
ML-10-S-081910	8/19/2010	Chloroethane	0.37	mg/Kg	UJ
ML-07-S-081810	8/18/2010	Chloroethane	0.37	mg/Kg	UJ
ML-09-S-081810	8/18/2010	Chloroethane	0.37	mg/Kg	UJ
ML-10-S-082410	8/24/2010	Chloroethane	0.36	mg/Kg	UJ
ML-10-S-082410	8/24/2010	Chloroethane	0.36	mg/Kg	UJ
ML-01-S-081610	8/16/2010	Chloroethane	0.35	mg/Kg	U
ML-10-S-081610	8/16/2010	Chloroethane	0.35	mg/Kg	U
ML-10-S-081610	8/16/2010	Chloroethane	0.35	mg/Kg	U
ML-04-S-082410	8/24/2010	Chloroethane	0.34	mg/Kg	UJ
ML-03-S-082310	8/23/2010	Chloroethane	0.34	mg/Kg	U
ML-10-S-082110-D	8/21/2010	Chloroethane	0.34	mg/Kg	UJ
ML-10-S-082110-D	8/21/2010	Chloroethane	0.34	mg/Kg	UJ
ML-07-S-081610	8/16/2010	Chloroethane	0.34	mg/Kg	U
ML-08-S-081610-D	8/16/2010	Chloroethane	0.34	mg/Kg	U
ML-04-S-082610	8/26/2010	Chloroethane	0.33	mg/Kg	U

**TABLE B-2b**  
**Upstream Sediment Samples (Morrow Lake)**

Sample ID	Sample Date	Analyte	Result	Unit	Data Qualifier
ML-05-S-082310	8/23/2010	Chloroethane	0.33	mg/Kg	U
ML-05-S-082010	8/20/2010	Chloroethane	0.33	mg/Kg	UJ
ML-10-S-082610	8/26/2010	Chloroethane	0.32	mg/Kg	U
ML-10-S-082610	8/26/2010	Chloroethane	0.32	mg/Kg	U
ML-06-S-081710	8/17/2010	Chloroethane	0.32	mg/Kg	U
ML-08-S-081610	8/16/2010	Chloroethane	0.32	mg/Kg	U
ML-01-S-082510	8/25/2010	Chloroethane	0.31	mg/Kg	U
ML-09-S-082510	8/25/2010	Chloroethane	0.31	mg/Kg	U
ML-09-S-082410	8/24/2010	Chloroethane	0.31	mg/Kg	UJ
ML-02-S-081710	8/17/2010	Chloroethane	0.31	mg/Kg	U
ML-02-S-082510	8/25/2010	Chloroethane	0.28	mg/Kg	U
ML-09-S-082110	8/21/2010	Chloroethane	0.28	mg/Kg	UJ
ML-01-S-082110	8/21/2010	Chloroethane	0.27	mg/Kg	UJ
ML-04-S-081710	8/17/2010	Chloroethane	0.27	mg/Kg	U
ML-05-S-081710	8/17/2010	Chloroethane	0.27	mg/Kg	U
ML-02-S-082310	8/23/2010	Chloroethane	0.25	mg/Kg	U
ML-04-S-082010	8/20/2010	Chloroethane	0.25	mg/Kg	UJ
ML-01-S-081910	8/19/2010	Chloroethane	0.25	mg/Kg	UJ
ML-02-S-082010	8/20/2010	Chloroethane	0.22	mg/Kg	UJ
ML-03-S-081610	8/16/2010	Chloroethane	0.22	mg/Kg	U
ML-03-S-082010	8/20/2010	Chloroethane	0.19	mg/Kg	UJ
ML-05-S-082610	8/26/2010	Chloroethane	0.17	mg/Kg	U
SEE10211035JDF1	10/21/2010	Chloroform	620	ug/Kg	U
SEE10191515JDF1	10/19/2010	Chloroform	560	ug/Kg	U
SEE10211430JDF1	10/21/2010	Chloroform	540	ug/Kg	U
SEE10191005JDF1	10/19/2010	Chloroform	540	ug/Kg	U
SEE10191415JDF1	10/19/2010	Chloroform	510	ug/Kg	U
SEE10191155JDF1	10/19/2010	Chloroform	490	ug/Kg	U
SEE10211010JWP1	10/21/2010	Chloroform	470	ug/Kg	U
SEE10191100JDF1	10/19/2010	Chloroform	470	ug/Kg	U
SEE10221055DWS1	10/22/2010	Chloroform	450	ug/Kg	U
SEE10191010JWP1	10/19/2010	Chloroform	450	ug/Kg	U
SEE10221450DWS1	10/22/2010	Chloroform	240	ug/Kg	U
SEE10211345JWP1	10/21/2010	Chloroform	220	ug/Kg	U
SEE10221110JDF1	10/22/2010	Chloroform	180	ug/Kg	J
SEE10221110JDF1	10/22/2010	Chloroform	180	ug/Kg	J
SEF10221050MAE3	10/22/2010	Chloroform	150	ug/Kg	U
SEF10191135NAC3	10/19/2010	Chloroform	150	ug/Kg	U
SEE10141015JDF1	10/14/2010	Chloroform	140	ug/Kg	U
SEE10191115JWP1	10/19/2010	Chloroform	130	ug/Kg	U
SEE09200945PML1	9/20/2010	Chloroform	60	ug/Kg	U
SEE09200945PML1	9/20/2010	Chloroform	60	ug/Kg	U
SEE09201115RCM1	9/20/2010	Chloroform	58	ug/Kg	U
SEE09201645ARM1	9/20/2010	Chloroform	48	ug/Kg	U
SEE10071042RCM1	10/7/2010	Chloroform	45	ug/Kg	U
SEE09061500PML1	9/6/2010	Chloroform	45	ug/Kg	U
SEE08281607TWH1	8/28/2010	Chloroform	44	ug/kg	U
SEE09301105JDF1	9/30/2010	Chloroform	42	ug/Kg	U
SEE09181705PML1	9/18/2010	Chloroform	42	ug/Kg	U
SEE09021400PML1	9/2/2010	Chloroform	41	ug/Kg	U
SEE08301130PML1	8/30/2010	Chloroform	41	ug/Kg	U
SEE10091401PML1	10/9/2010	Chloroform	40	ug/Kg	U
SEE10181035JDF1	10/18/2010	Chloroform	39	ug/Kg	U
SEE10051125PML1	10/5/2010	Chloroform	39	ug/Kg	U
SEE08311045PML1	8/31/2010	Chloroform	39	ug/Kg	U
SEE10141555ARM1	10/14/2010	Chloroform	38	ug/Kg	U
SEE09101215PML1	9/10/2010	Chloroform	38	ug/Kg	U
SEE10161530JDF1	10/16/2010	Chloroform	37	ug/Kg	U
SEE10081115PML1	10/8/2010	Chloroform	37	ug/Kg	U
SEE09030925PML1	9/3/2010	Chloroform	37	ug/Kg	U

**TABLE B-2b**  
**Upstream Sediment Samples (Morrow Lake)**

Sample ID	Sample Date	Analyte	Result	Unit	Data Qualifier
SEE09031115JAW1	9/3/2010	Chloroform	37	ug/Kg	U
SEE08281505PML1	8/28/2010	Chloroform	37	ug/kg	U
SEE10171410JDF1	10/17/2010	Chloroform	36	ug/Kg	U
SEE09191530PML1	9/19/2010	Chloroform	36	ug/Kg	U
SEE09181235PML1	9/18/2010	Chloroform	36	ug/Kg	U
SEE09141135PML1	9/14/2010	Chloroform	36	ug/Kg	U
SEE09101022PML1	9/10/2010	Chloroform	36	ug/Kg	U
SEE10171115JDF1	10/17/2010	Chloroform	35	ug/Kg	U
SEE08311420PML1	8/31/2010	Chloroform	35	ug/Kg	U
SEE08311420PML1	8/31/2010	Chloroform	35	ug/Kg	U
SEE08271215PML1	8/27/2010	Chloroform	35	ug/kg	U
SEE10041530JDF1	10/4/2010	Chloroform	34	ug/Kg	U
SEE09121105RCM1	9/12/2010	Chloroform	34	ug/Kg	U
SEE09011545PML1	9/1/2010	Chloroform	34	ug/Kg	U
SEE08301550PML1	8/30/2010	Chloroform	34	ug/Kg	U
SEE10181210JDF1	10/18/2010	Chloroform	33	ug/Kg	U
SEE10181430JWP1	10/18/2010	Chloroform	33	ug/Kg	U
SEE10181510JDF1	10/18/2010	Chloroform	33	ug/Kg	U
SEE10181510JDF1	10/18/2010	Chloroform	33	ug/Kg	U
SEE10131150JDF1	10/13/2010	Chloroform	33	ug/Kg	U
SEE10101010PML1	10/10/2010	Chloroform	33	ug/Kg	U
SEE10101215PML1	10/10/2010	Chloroform	33	ug/Kg	U
SEE10101215PML1	10/10/2010	Chloroform	33	ug/Kg	U
SEE09140945PML1	9/14/2010	Chloroform	33	ug/Kg	U
SEE09061525MHS1	9/6/2010	Chloroform	33	ug/Kg	U
SEE09051130PML1	9/5/2010	Chloroform	33	ug/Kg	U
SEE09031100PML1	9/3/2010	Chloroform	33	ug/Kg	U
SEE09021010PML1	9/2/2010	Chloroform	33	ug/Kg	U
SEE08281630RCM1	8/28/2010	Chloroform	33	ug/kg	U
SEE10031115JDF1	10/3/2010	Chloroform	32	ug/Kg	U
SEE10031115JDF1	10/3/2010	Chloroform	32	ug/Kg	U
SEE09301205RCM1	9/30/2010	Chloroform	32	ug/Kg	U
SEE09301255JDF1	9/30/2010	Chloroform	32	ug/Kg	U
SEE09231645JDF1	9/23/2010	Chloroform	32	ug/Kg	U
SEE09141515PML1	9/14/2010	Chloroform	32	ug/Kg	U
SEE09101625PML1	9/10/2010	Chloroform	32	ug/Kg	U
SEE09091005RCM1	9/9/2010	Chloroform	32	ug/Kg	U
SEE09061105PML1	9/6/2010	Chloroform	32	ug/Kg	U
SEE09031650PML1	9/3/2010	Chloroform	32	ug/Kg	U
SEE09031650PML1	9/3/2010	Chloroform	32	ug/Kg	U
SEE10081231PML1	10/8/2010	Chloroform	31	ug/Kg	U
SEE09231210JDF1	9/23/2010	Chloroform	31	ug/Kg	U
SEE09161045PML1	9/16/2010	Chloroform	31	ug/Kg	U
SEE09081205PML1	9/8/2010	Chloroform	31	ug/Kg	U
SEE09071050PML1	9/7/2010	Chloroform	31	ug/Kg	U
SEE08301145MHS1	8/30/2010	Chloroform	31	ug/Kg	U
SEE10161115ARM1	10/16/2010	Chloroform	30	ug/Kg	U
SEE10120930JDF1	10/12/2010	Chloroform	30	ug/Kg	U
SEE10071101PML1	10/7/2010	Chloroform	30	ug/Kg	U
SEE09261625JDF1	9/26/2010	Chloroform	30	ug/Kg	U
SEE09261625JDF1	9/26/2010	Chloroform	30	ug/Kg	U
SEE09131445RCM1	9/13/2010	Chloroform	30	ug/Kg	U
SEE09121055PML1	9/12/2010	Chloroform	30	ug/Kg	U
SEE09121055PML1	9/12/2010	Chloroform	30	ug/Kg	U
SEE09121436RCM1	9/12/2010	Chloroform	30	ug/Kg	U
SEE09091410RCM1	9/9/2010	Chloroform	30	ug/Kg	U
SEE09011050PML1	9/1/2010	Chloroform	30	ug/Kg	U
SEE10081051RCM1	10/8/2010	Chloroform	29	ug/Kg	U
SEE10061640PML1	10/6/2010	Chloroform	29	ug/Kg	U
SEE10061640PML1	10/6/2010	Chloroform	29	ug/Kg	U



**TABLE B-2b**  
**Upstream Sediment Samples (Morrow Lake)**

Sample ID	Sample Date	Analyte	Result	Unit	Data Qualifier
SEE10051653PML1	10/5/2010	Chloroform	29	ug/Kg	U
SEE09261215JDF1	9/26/2010	Chloroform	29	ug/Kg	U
SEE09231130ARM1	9/23/2010	Chloroform	29	ug/Kg	U
SEE09191040PML1	9/19/2010	Chloroform	29	ug/Kg	U
SEE09131026RCM1	9/13/2010	Chloroform	29	ug/Kg	U
SEE09131505PML1	9/13/2010	Chloroform	29	ug/Kg	U
SEE09040950PML1	9/4/2010	Chloroform	29	ug/Kg	U
SEE10011120JDF1	10/1/2010	Chloroform	28	ug/Kg	U
SEE09211155JDF1	9/21/2010	Chloroform	28	ug/Kg	U
SEE09171415PML1	9/17/2010	Chloroform	28	ug/Kg	U
SEE09151145PML1	9/15/2010	Chloroform	28	ug/Kg	U
SEE09151145PML1	9/15/2010	Chloroform	28	ug/Kg	U
SEE09131620PML1	9/13/2010	Chloroform	28	ug/Kg	U
SEE09121450PML1	9/12/2010	Chloroform	28	ug/Kg	U
SEE09091515PML1	9/9/2010	Chloroform	28	ug/Kg	U
SEE09081010PML1	9/8/2010	Chloroform	28	ug/Kg	U
SEE09081020RCM1	9/8/2010	Chloroform	28	ug/Kg	U
SEE09011255PML1	9/1/2010	Chloroform	28	ug/Kg	U
SEE08301015JRP1	8/30/2010	Chloroform	28	ug/Kg	U
SEE08261420RCM1	8/26/2010	Chloroform	28	ug/kg	U
SEE10091614PML1	10/9/2010	Chloroform	27	ug/Kg	U
SEE10061205PML1	10/6/2010	Chloroform	27	ug/Kg	U
SEE10041150JDF1	10/4/2010	Chloroform	27	ug/Kg	U
SEE09251135JDF1	9/25/2010	Chloroform	27	ug/Kg	U
SEE09221440JDF1	9/22/2010	Chloroform	27	ug/Kg	U
SEE09170839RCM1	9/17/2010	Chloroform	27	ug/Kg	U
SEE09151015PML1	9/15/2010	Chloroform	27	ug/Kg	U
SEE08291110PML1	8/29/2010	Chloroform	27	ug/kg	U
SEE10141150JDF1	10/14/2010	Chloroform	26	ug/Kg	U
SEE10141550JDF1	10/14/2010	Chloroform	26	ug/Kg	U
SEE10141550JDF1	10/14/2010	Chloroform	26	ug/Kg	U
SEE10121155JDF1	10/12/2010	Chloroform	26	ug/Kg	U
SEE09271130JDF1	9/27/2010	Chloroform	26	ug/Kg	U
SEE09131125PML1	9/13/2010	Chloroform	26	ug/Kg	U
SEE09091010PML1	9/9/2010	Chloroform	26	ug/Kg	U
SEE09091145PML1	9/9/2010	Chloroform	26	ug/Kg	U
SEE09091410PML1	9/9/2010	Chloroform	26	ug/Kg	U
SEE09061130MHS1	9/6/2010	Chloroform	26	ug/Kg	U
SEE09011145PML1	9/1/2010	Chloroform	26	ug/Kg	U
SEE08301638MHS1	8/30/2010	Chloroform	26	ug/Kg	U
SEE10151055ARM1	10/15/2010	Chloroform	25	ug/Kg	U
SEE10121415ARM1	10/12/2010	Chloroform	25	ug/Kg	U
SEE10111125JDF1	10/11/2010	Chloroform	25	ug/Kg	U
SEE10031425JDF1	10/3/2010	Chloroform	25	ug/Kg	U
SEE09291035JDF1	9/29/2010	Chloroform	25	ug/Kg	U
SEE09220935RCM1	9/22/2010	Chloroform	25	ug/Kg	U
SEE09111015PML1	9/11/2010	Chloroform	25	ug/Kg	U
SEE09051015PML1	9/5/2010	Chloroform	25	ug/Kg	U
SEE08301445JRP1	8/30/2010	Chloroform	25	ug/Kg	U
SEE10161415JDF1	10/16/2010	Chloroform	24	ug/Kg	U
SEE10040945JDF1	10/4/2010	Chloroform	24	ug/Kg	U
SEE09230955RCM1	9/23/2010	Chloroform	24	ug/Kg	U
SEE09211530JDF1	9/21/2010	Chloroform	24	ug/Kg	U
SEE09170945PML1	9/17/2010	Chloroform	24	ug/Kg	U
SEE09171125PML1	9/17/2010	Chloroform	24	ug/Kg	U
SEE09130955JRP1	9/13/2010	Chloroform	24	ug/Kg	U
SEE09091605PML1	9/9/2010	Chloroform	24	ug/Kg	U
SEE09041350PML1	9/4/2010	Chloroform	24	ug/Kg	U
SEE10071205PML1	10/7/2010	Chloroform	23	ug/Kg	U
SEE10071540PML1	10/7/2010	Chloroform	23	ug/Kg	U

**TABLE B-2b**  
**Upstream Sediment Samples (Morrow Lake)**

Sample ID	Sample Date	Analyte	Result	Unit	Data Qualifier
SEE10041335JDF1	10/4/2010	Chloroform	23	ug/Kg	U
SEE09271025ARM1	9/27/2010	Chloroform	23	ug/Kg	U
SEE09171530PML1	9/17/2010	Chloroform	23	ug/Kg	U
SEE09051430PML1	9/5/2010	Chloroform	23	ug/Kg	U
SEE08271500PML1	8/27/2010	Chloroform	23	ug/kg	U
SEE10150945JDF1	10/15/2010	Chloroform	22	ug/Kg	U
SEE10111011JDF1	10/11/2010	Chloroform	22	ug/Kg	U
SEE10111350JDF1	10/11/2010	Chloroform	22	ug/Kg	U
SEE10061051RCM1	10/6/2010	Chloroform	22	ug/Kg	U
SEE10041355ARM1	10/4/2010	Chloroform	22	ug/Kg	U
SEE09271515JDF1	9/27/2010	Chloroform	22	ug/Kg	U
SEE09221105JDF1	9/22/2010	Chloroform	22	ug/Kg	U
SEE09130940PML1	9/13/2010	Chloroform	22	ug/Kg	U
SEE08281215PML1	8/28/2010	Chloroform	22	ug/kg	U
SEE10121030JDF1	10/12/2010	Chloroform	21	ug/Kg	U
SEE09290925JDF1	9/29/2010	Chloroform	21	ug/Kg	U
SEE09091025JRP1	9/9/2010	Chloroform	21	ug/Kg	U
SEE09011635PML1	9/1/2010	Chloroform	21	ug/Kg	U
SEE08301520JRP1	8/30/2010	Chloroform	21	ug/Kg	U
SEE08281420TWH1	8/28/2010	Chloroform	21	ug/kg	U
SEE08261445JRP1	8/26/2010	Chloroform	21	ug/Kg	U
SEE10161055JDF1	10/16/2010	Chloroform	20	ug/Kg	U
SEE10151355ARM1	10/15/2010	Chloroform	20	ug/Kg	U
SEE10071415ARM1	10/7/2010	Chloroform	20	ug/Kg	U
SEE09031140MHS1	9/3/2010	Chloroform	20	ug/Kg	U
SEE08291421KAP1	8/29/2010	Chloroform	20	ug/kg	U
SEE08271145RCM1	8/27/2010	Chloroform	20	ug/kg	U
SEE10041050JDF1	10/4/2010	Chloroform	19	ug/Kg	U
SEE09301255MAE1	9/30/2010	Chloroform	19	ug/Kg	U
SEE09291645JDF1	9/29/2010	Chloroform	19	ug/Kg	U
SEE09051550MHS1	9/5/2010	Chloroform	19	ug/Kg	U
SEE09031645MHS1	9/3/2010	Chloroform	19	ug/Kg	U
SEE10041138RCM1	10/4/2010	Chloroform	18	ug/Kg	U
SEE09221615JDF1	9/22/2010	Chloroform	18	ug/Kg	U
SEE09191445RCM1	9/19/2010	Chloroform	18	ug/Kg	U
SEE08311010JRP1	8/31/2010	Chloroform	18	ug/Kg	U
SEE09250905RCM1	9/25/2010	Chloroform	17	ug/Kg	U
SEE09200911RCM1	9/20/2010	Chloroform	17	ug/Kg	U
SEE09090900JRP1	9/9/2010	Chloroform	17	ug/Kg	U
SEE09011545MHS1	9/1/2010	Chloroform	17	ug/Kg	U
SEE08281510TWH1	8/28/2010	Chloroform	17	ug/kg	U
SEE10170915JDF1	10/17/2010	Chloroform	16	ug/Kg	U
SEE09291135JDF1	9/29/2010	Chloroform	16	ug/Kg	U
SEE09260930RCM1	9/26/2010	Chloroform	16	ug/Kg	U
SEE09201110ARM1	9/20/2010	Chloroform	15	ug/Kg	U
SEE08301530JAW1	8/30/2010	Chloroform	15	ug/Kg	U
SEE08291550KAP1	8/29/2010	Chloroform	15	ug/kg	U
SEE10071151RCM1	10/7/2010	Chloroform	14	ug/Kg	U
SEE09211112RCM1	9/21/2010	Chloroform	14	ug/Kg	U
SEE08311348MHS1	8/31/2010	Chloroform	14	ug/Kg	U
SEE08300920JRP1	8/30/2010	Chloroform	14	ug/Kg	U
SEE08261620RCM1	8/26/2010	Chloroform	14	ug/kg	U
SEE10141025ARM1	10/14/2010	Chloroform	12	ug/Kg	U
SEE09130915JRP1	9/13/2010	Chloroform	12	ug/Kg	U
SEE10091200ARM1	10/9/2010	Chloroform	11	ug/Kg	U
SEE09291023RCM1	9/29/2010	Chloroform	11	ug/Kg	U
SEE09171445RCM1	9/17/2010	Chloroform	11	ug/Kg	U
SEE09161035RCM1	9/16/2010	Chloroform	11	ug/Kg	U
SEE09141312RCM1	9/14/2010	Chloroform	10	ug/Kg	U
SEE08291445PML1	8/29/2010	Chloroform	10	ug/kg	U

**TABLE B-2b**  
**Upstream Sediment Samples (Morrow Lake)**

Sample ID	Sample Date	Analyte	Result	Unit	Data Qualifier
SEE08291354KAP1	8/29/2010	Chloroform	9.3	ug/kg	U
SEE10051415ARM1	10/5/2010	Chloroform	8.7	ug/Kg	U
SEE09061610JAW1	9/6/2010	Chloroform	8.5	ug/Kg	U
SEE10011125ARM1	10/1/2010	Chloroform	8.2	ug/Kg	U
SEE08261700JRP1	8/26/2010	Chloroform	8.2	ug/Kg	U
SEE09051500MHS1	9/5/2010	Chloroform	8.0	ug/Kg	U
SEE10171535ARM1	10/17/2010	Chloroform	7.9	ug/Kg	U
SEE09231035ARM1	9/23/2010	Chloroform	7.9	ug/Kg	U
SEE09171200ARM1	9/17/2010	Chloroform	7.9	ug/Kg	U
SEE08271614TWH1	8/27/2010	Chloroform	7.8	ug/kg	U
SEE10081035ARM1	10/8/2010	Chloroform	7.6	ug/Kg	U
SEE08271652TWH1	8/27/2010	Chloroform	7.6	ug/kg	U
SEE09100945RCM1	9/10/2010	Chloroform	7.5	ug/Kg	U
SEE09211120ARM1	9/21/2010	Chloroform	7.4	ug/Kg	U
SEB09011143JLS1	9/1/2010	Chloroform	7.1	ug/Kg	U
SEE08301410JRP1	8/30/2010	Chloroform	7.0	ug/Kg	U
SEE09281445RCM1	9/28/2010	Chloroform	6.5	ug/Kg	U
SEE08271536TWH1	8/27/2010	Chloroform	6.3	ug/kg	U
SEE09271500ARM1	9/27/2010	Chloroform	6.2	ug/Kg	U
SEE09170935RCM1	9/17/2010	Chloroform	6.1	ug/Kg	U
SEF10011045TDF1	10/1/2010	Chloroform	6.0	ug/Kg	U
SEE09150915JRP1	9/15/2010	Chloroform	6.0	ug/Kg	U
SEE10011043RCM1	10/1/2010	Chloroform	5.8	ug/Kg	U
SEE09290915MAE1	9/29/2010	Chloroform	5.8	ug/Kg	U
SEE10131035ARM1	10/13/2010	Chloroform	5.5	ug/Kg	U
SEE10071045ARM1	10/7/2010	Chloroform	5.5	ug/Kg	U
SEE10041045ARM1	10/4/2010	Chloroform	5.5	ug/Kg	U
SEF10151030PMB3	10/15/2010	Chloroform	5.4	ug/Kg	U
SEF10081108TDF3	10/8/2010	Chloroform	5.4	ug/Kg	U
SEE09251235ARM1	9/25/2010	Chloroform	5.4	ug/Kg	U
SEE08281540JRP1	8/28/2010	Chloroform	5.4	ug/kg	U
SEF10051206TDF3	10/5/2010	Chloroform	5.3	ug/Kg	U
SEE09140945JRP1	9/14/2010	Chloroform	5.3	ug/Kg	U
SEE09080930JRP1	9/8/2010	Chloroform	5.3	ug/Kg	U
SEE09011515JAW1	9/1/2010	Chloroform	5.3	ug/Kg	U
SEE08301100JRP1	8/30/2010	Chloroform	5.3	ug/Kg	U
SEE10121040ARM1	10/12/2010	Chloroform	5.2	ug/Kg	U
SEF10121130PMB3	10/12/2010	Chloroform	5.2	ug/Kg	U
SEE09221045ARM1	9/22/2010	Chloroform	5.2	ug/Kg	U
SEE09100920JRP1	9/10/2010	Chloroform	5.1	ug/Kg	U
SEB08281400JLS1	8/28/2010	Chloroform	5.1	ug/kg	U
SEE09301025MAE1	9/30/2010	Chloroform	5.0	ug/Kg	U
SEE09051500JAW1	9/5/2010	Chloroform	5.0	ug/Kg	U
SEE10051145RCM1	10/5/2010	Chloroform	4.9	ug/Kg	U
SEE09070930JRP1	9/7/2010	Chloroform	4.9	ug/Kg	U
SEE10061135ARM1	10/6/2010	Chloroform	4.8	ug/Kg	U
SEE10181030JWP1	10/18/2010	Chloroform	4.6	ug/Kg	U
SEF09281139TDF1	9/28/2010	Chloroform	4.3	ug/Kg	U
SEE09231205RCM1	9/23/2010	Chloroform	3.3	ug/Kg	U
SEE08271445JRP1	8/27/2010	Chloroform	2.8	ug/kg	U
ML-07-S-082510	8/25/2010	Chloroform	0.73	mg/Kg	U
ML-03-S-082510	8/25/2010	Chloroform	0.43	mg/Kg	U
ML-06-S-082510	8/25/2010	Chloroform	0.42	mg/Kg	U
ML-07-S-082410	8/24/2010	Chloroform	0.41	mg/Kg	UJ
ML-06-S-082010	8/20/2010	Chloroform	0.38	mg/Kg	U
ML-08-S-082510	8/25/2010	Chloroform	0.37	mg/Kg	U
ML-08-S-082410	8/24/2010	Chloroform	0.37	mg/Kg	UJ
ML-06-S-082310	8/23/2010	Chloroform	0.37	mg/Kg	U
ML-07-S-082110	8/21/2010	Chloroform	0.37	mg/Kg	U
ML-08-S-082110	8/21/2010	Chloroform	0.37	mg/Kg	U

**TABLE B-2b**  
**Upstream Sediment Samples (Morrow Lake)**

Sample ID	Sample Date	Analyte	Result	Unit	Data Qualifier
ML-10-S-082110	8/21/2010	Chloroform	0.37	mg/Kg	U
ML-10-S-082110	8/21/2010	Chloroform	0.37	mg/Kg	U
ML-10-S-081910	8/19/2010	Chloroform	0.37	mg/Kg	U
ML-10-S-081910	8/19/2010	Chloroform	0.37	mg/Kg	U
ML-07-S-081810	8/18/2010	Chloroform	0.37	mg/Kg	UJ
ML-09-S-081810	8/18/2010	Chloroform	0.37	mg/Kg	UJ
ML-01-S-081610	8/16/2010	Chloroform	0.35	mg/Kg	U
ML-10-S-081610	8/16/2010	Chloroform	0.35	mg/Kg	U
ML-10-S-081610	8/16/2010	Chloroform	0.35	mg/Kg	U
ML-04-S-082410	8/24/2010	Chloroform	0.34	mg/Kg	UJ
ML-03-S-082310	8/23/2010	Chloroform	0.34	mg/Kg	U
ML-10-S-082110-D	8/21/2010	Chloroform	0.34	mg/Kg	U
ML-10-S-082110-D	8/21/2010	Chloroform	0.34	mg/Kg	U
ML-07-S-081610	8/16/2010	Chloroform	0.34	mg/Kg	U
ML-08-S-081610-D	8/16/2010	Chloroform	0.34	mg/Kg	U
ML-04-S-082610	8/26/2010	Chloroform	0.33	mg/Kg	U
ML-05-S-082310	8/23/2010	Chloroform	0.33	mg/Kg	U
ML-05-S-082010	8/20/2010	Chloroform	0.33	mg/Kg	U
ML-10-S-082610	8/26/2010	Chloroform	0.32	mg/Kg	U
ML-10-S-082610	8/26/2010	Chloroform	0.32	mg/Kg	U
ML-06-S-081710	8/17/2010	Chloroform	0.32	mg/Kg	U
ML-08-S-081610	8/16/2010	Chloroform	0.32	mg/Kg	U
ML-01-S-082510	8/25/2010	Chloroform	0.31	mg/Kg	U
ML-09-S-082510	8/25/2010	Chloroform	0.31	mg/Kg	U
ML-09-S-082410	8/24/2010	Chloroform	0.31	mg/Kg	UJ
ML-02-S-081710	8/17/2010	Chloroform	0.31	mg/Kg	U
ML-02-S-082510	8/25/2010	Chloroform	0.28	mg/Kg	U
ML-09-S-082110	8/21/2010	Chloroform	0.28	mg/Kg	U
ML-01-S-082110	8/21/2010	Chloroform	0.27	mg/Kg	U
ML-04-S-081710	8/17/2010	Chloroform	0.27	mg/Kg	U
ML-05-S-081710	8/17/2010	Chloroform	0.27	mg/Kg	U
ML-02-S-082310	8/23/2010	Chloroform	0.25	mg/Kg	U
ML-04-S-082010	8/20/2010	Chloroform	0.25	mg/Kg	U
ML-01-S-081910	8/19/2010	Chloroform	0.25	mg/Kg	U
ML-02-S-082010	8/20/2010	Chloroform	0.22	mg/Kg	U
ML-03-S-081610	8/16/2010	Chloroform	0.22	mg/Kg	U
ML-03-S-082010	8/20/2010	Chloroform	0.19	mg/Kg	U
ML-05-S-082610	8/26/2010	Chloroform	0.17	mg/Kg	U
ML-10-S-082410	8/24/2010	Chloroform	0.096	mg/Kg	J
ML-10-S-082410	8/24/2010	Chloroform	0.096	mg/Kg	J
SEE10211035JDF1	10/21/2010	Chloromethane	1900	ug/Kg	U
SEE10191515JDF1	10/19/2010	Chloromethane	1700	ug/Kg	U
SEE10221110JDF1	10/22/2010	Chloromethane	1600	ug/Kg	U
SEE10221110JDF1	10/22/2010	Chloromethane	1600	ug/Kg	U
SEE10211430JDF1	10/21/2010	Chloromethane	1600	ug/Kg	U
SEE10191005JDF1	10/19/2010	Chloromethane	1600	ug/Kg	U
SEE10191155JDF1	10/19/2010	Chloromethane	1500	ug/Kg	U
SEE10191415JDF1	10/19/2010	Chloromethane	1500	ug/Kg	U
SEE10221055DWS1	10/22/2010	Chloromethane	1400	ug/Kg	U
SEE10191010JWP1	10/19/2010	Chloromethane	1400	ug/Kg	U
SEE10191100JDF1	10/19/2010	Chloromethane	1400	ug/Kg	U
SEE10221450DWS1	10/22/2010	Chloromethane	730	ug/Kg	U
SEE10211345JWP1	10/21/2010	Chloromethane	660	ug/Kg	U
SEF10221050MAE3	10/22/2010	Chloromethane	460	ug/Kg	U
SEF10191135NAC3	10/19/2010	Chloromethane	450	ug/Kg	U
SEE10191115JWP1	10/19/2010	Chloromethane	400	ug/Kg	U
SEE10211010JWP1	10/21/2010	Chloromethane	300	ug/Kg	J
SEE10141015JDF1	10/14/2010	Chloromethane	280	ug/Kg	U
SEE09200945PML1	9/20/2010	Chloromethane	60	ug/Kg	U
SEE09200945PML1	9/20/2010	Chloromethane	60	ug/Kg	U

**TABLE B-2b**  
**Upstream Sediment Samples (Morrow Lake)**

Sample ID	Sample Date	Analyte	Result	Unit	Data Qualifier
SEE09201115RCM1	9/20/2010	Chloromethane	58	ug/Kg	U
SEE09201645ARM1	9/20/2010	Chloromethane	48	ug/Kg	U
SEE10071042RCM1	10/7/2010	Chloromethane	45	ug/Kg	U
SEE09061500PML1	9/6/2010	Chloromethane	45	ug/Kg	U
SEE08281607TWH1	8/28/2010	Chloromethane	44	ug/kg	U
SEE09301105JDF1	9/30/2010	Chloromethane	42	ug/Kg	U
SEE09181705PML1	9/18/2010	Chloromethane	42	ug/Kg	U
SEE09021400PML1	9/2/2010	Chloromethane	41	ug/Kg	U
SEE08301130PML1	8/30/2010	Chloromethane	41	ug/Kg	U
SEE10091401PML1	10/9/2010	Chloromethane	40	ug/Kg	U
SEE10181035JDF1	10/18/2010	Chloromethane	39	ug/Kg	U
SEE10051125PML1	10/5/2010	Chloromethane	39	ug/Kg	U
SEE08311045PML1	8/31/2010	Chloromethane	39	ug/Kg	U
SEE10141555ARM1	10/14/2010	Chloromethane	38	ug/Kg	U
SEE09101215PML1	9/10/2010	Chloromethane	38	ug/Kg	U
SEE10161530JDF1	10/16/2010	Chloromethane	37	ug/Kg	U
SEE10081115PML1	10/8/2010	Chloromethane	37	ug/Kg	U
SEE09030925PML1	9/3/2010	Chloromethane	37	ug/Kg	U
SEE09031115JAW1	9/3/2010	Chloromethane	37	ug/Kg	U
SEE08281505PML1	8/28/2010	Chloromethane	37	ug/kg	U
SEE10171410JDF1	10/17/2010	Chloromethane	36	ug/Kg	U
SEE09191530PML1	9/19/2010	Chloromethane	36	ug/Kg	U
SEE09181235PML1	9/18/2010	Chloromethane	36	ug/Kg	U
SEE09141135PML1	9/14/2010	Chloromethane	36	ug/Kg	U
SEE09101022PML1	9/10/2010	Chloromethane	36	ug/Kg	U
SEE10171115JDF1	10/17/2010	Chloromethane	35	ug/Kg	U
SEE08311420PML1	8/31/2010	Chloromethane	35	ug/Kg	U
SEE08311420PML1	8/31/2010	Chloromethane	35	ug/Kg	U
SEE08271215PML1	8/27/2010	Chloromethane	35	ug/kg	U
SEE10041530JDF1	10/4/2010	Chloromethane	34	ug/Kg	U
SEE09121105RCM1	9/12/2010	Chloromethane	34	ug/Kg	U
SEE09011545PML1	9/1/2010	Chloromethane	34	ug/Kg	U
SEE08301550PML1	8/30/2010	Chloromethane	34	ug/Kg	U
SEE10181210JDF1	10/18/2010	Chloromethane	33	ug/Kg	U
SEE10181430JWP1	10/18/2010	Chloromethane	33	ug/Kg	U
SEE10181510JDF1	10/18/2010	Chloromethane	33	ug/Kg	U
SEE10181510JDF1	10/18/2010	Chloromethane	33	ug/Kg	U
SEE10131150JDF1	10/13/2010	Chloromethane	33	ug/Kg	U
SEE10101010PML1	10/10/2010	Chloromethane	33	ug/Kg	U
SEE10101215PML1	10/10/2010	Chloromethane	33	ug/Kg	U
SEE10101215PML1	10/10/2010	Chloromethane	33	ug/Kg	U
SEE09140945PML1	9/14/2010	Chloromethane	33	ug/Kg	U
SEE09061525MHS1	9/6/2010	Chloromethane	33	ug/Kg	U
SEE09051130PML1	9/5/2010	Chloromethane	33	ug/Kg	U
SEE09031100PML1	9/3/2010	Chloromethane	33	ug/Kg	U
SEE09021010PML1	9/2/2010	Chloromethane	33	ug/Kg	U
SEE08281630RCM1	8/28/2010	Chloromethane	33	ug/kg	U
SEE10031115JDF1	10/3/2010	Chloromethane	32	ug/Kg	U
SEE10031115JDF1	10/3/2010	Chloromethane	32	ug/Kg	U
SEE09301205RCM1	9/30/2010	Chloromethane	32	ug/Kg	U
SEE09301255JDF1	9/30/2010	Chloromethane	32	ug/Kg	U
SEE09231645JDF1	9/23/2010	Chloromethane	32	ug/Kg	U
SEE09141515PML1	9/14/2010	Chloromethane	32	ug/Kg	U
SEE09101625PML1	9/10/2010	Chloromethane	32	ug/Kg	U
SEE09091005RCM1	9/9/2010	Chloromethane	32	ug/Kg	U
SEE09061105PML1	9/6/2010	Chloromethane	32	ug/Kg	U
SEE09031650PML1	9/3/2010	Chloromethane	32	ug/Kg	U
SEE09031650PML1	9/3/2010	Chloromethane	32	ug/Kg	U
SEE10081231PML1	10/8/2010	Chloromethane	31	ug/Kg	U
SEE09231210JDF1	9/23/2010	Chloromethane	31	ug/Kg	U

**TABLE B-2b**  
**Upstream Sediment Samples (Morrow Lake)**

Sample ID	Sample Date	Analyte	Result	Unit	Data Qualifier
SEE09161045PML1	9/16/2010	Chloromethane	31	ug/Kg	U
SEE09081205PML1	9/8/2010	Chloromethane	31	ug/Kg	U
SEE09071050PML1	9/7/2010	Chloromethane	31	ug/Kg	U
SEE08301145MHS1	8/30/2010	Chloromethane	31	ug/Kg	U
SEE10161115ARM1	10/16/2010	Chloromethane	30	ug/Kg	U
SEE10120930JDF1	10/12/2010	Chloromethane	30	ug/Kg	U
SEE10071101PML1	10/7/2010	Chloromethane	30	ug/Kg	U
SEE09261625JDF1	9/26/2010	Chloromethane	30	ug/Kg	U
SEE09261625JDF1	9/26/2010	Chloromethane	30	ug/Kg	U
SEE09131445RCM1	9/13/2010	Chloromethane	30	ug/Kg	U
SEE09121055PML1	9/12/2010	Chloromethane	30	ug/Kg	U
SEE09121055PML1	9/12/2010	Chloromethane	30	ug/Kg	U
SEE09121436RCM1	9/12/2010	Chloromethane	30	ug/Kg	U
SEE09091410RCM1	9/9/2010	Chloromethane	30	ug/Kg	U
SEE09011050PML1	9/1/2010	Chloromethane	30	ug/Kg	U
SEE10081051RCM1	10/8/2010	Chloromethane	29	ug/Kg	U
SEE10061640PML1	10/6/2010	Chloromethane	29	ug/Kg	U
SEE10061640PML1	10/6/2010	Chloromethane	29	ug/Kg	U
SEE10051653PML1	10/5/2010	Chloromethane	29	ug/Kg	U
SEE09261215JDF1	9/26/2010	Chloromethane	29	ug/Kg	U
SEE09231130ARM1	9/23/2010	Chloromethane	29	ug/Kg	U
SEE09191040PML1	9/19/2010	Chloromethane	29	ug/Kg	U
SEE09131026RCM1	9/13/2010	Chloromethane	29	ug/Kg	U
SEE09131505PML1	9/13/2010	Chloromethane	29	ug/Kg	U
SEE09040950PML1	9/4/2010	Chloromethane	29	ug/Kg	U
SEE10011120JDF1	10/1/2010	Chloromethane	28	ug/Kg	U
SEE09211155JDF1	9/21/2010	Chloromethane	28	ug/Kg	U
SEE09171415PML1	9/17/2010	Chloromethane	28	ug/Kg	U
SEE09151145PML1	9/15/2010	Chloromethane	28	ug/Kg	U
SEE09151145PML1	9/15/2010	Chloromethane	28	ug/Kg	U
SEE09131620PML1	9/13/2010	Chloromethane	28	ug/Kg	U
SEE09121450PML1	9/12/2010	Chloromethane	28	ug/Kg	U
SEE09091515PML1	9/9/2010	Chloromethane	28	ug/Kg	U
SEE09081010PML1	9/8/2010	Chloromethane	28	ug/Kg	U
SEE09081020RCM1	9/8/2010	Chloromethane	28	ug/Kg	U
SEE09011255PML1	9/1/2010	Chloromethane	28	ug/Kg	U
SEE08301015JRP1	8/30/2010	Chloromethane	28	ug/Kg	U
SEE08261420RCM1	8/26/2010	Chloromethane	28	ug/kg	U
SEE10091614PML1	10/9/2010	Chloromethane	27	ug/Kg	U
SEE10061205PML1	10/6/2010	Chloromethane	27	ug/Kg	U
SEE10041150JDF1	10/4/2010	Chloromethane	27	ug/Kg	U
SEE09251135JDF1	9/25/2010	Chloromethane	27	ug/Kg	U
SEE09221440JDF1	9/22/2010	Chloromethane	27	ug/Kg	U
SEE09170839RCM1	9/17/2010	Chloromethane	27	ug/Kg	U
SEE09151015PML1	9/15/2010	Chloromethane	27	ug/Kg	U
SEE08291110PML1	8/29/2010	Chloromethane	27	ug/kg	U
SEE10141150JDF1	10/14/2010	Chloromethane	26	ug/Kg	U
SEE10141550JDF1	10/14/2010	Chloromethane	26	ug/Kg	U
SEE10141550JDF1	10/14/2010	Chloromethane	26	ug/Kg	U
SEE10121155JDF1	10/12/2010	Chloromethane	26	ug/Kg	U
SEE09271130JDF1	9/27/2010	Chloromethane	26	ug/Kg	U
SEE09131125PML1	9/13/2010	Chloromethane	26	ug/Kg	U
SEE09091010PML1	9/9/2010	Chloromethane	26	ug/Kg	U
SEE09091145PML1	9/9/2010	Chloromethane	26	ug/Kg	U
SEE09091410PML1	9/9/2010	Chloromethane	26	ug/Kg	U
SEE09061130MHS1	9/6/2010	Chloromethane	26	ug/Kg	U
SEE09011145PML1	9/1/2010	Chloromethane	26	ug/Kg	U
SEE08301638MHS1	8/30/2010	Chloromethane	26	ug/Kg	U
SEE10151055ARM1	10/15/2010	Chloromethane	25	ug/Kg	U
SEE10121415ARM1	10/12/2010	Chloromethane	25	ug/Kg	U

**TABLE B-2b**  
**Upstream Sediment Samples (Morrow Lake)**

Sample ID	Sample Date	Analyte	Result	Unit	Data Qualifier
SEE10111125JDF1	10/11/2010	Chloromethane	25	ug/Kg	U
SEE10031425JDF1	10/3/2010	Chloromethane	25	ug/Kg	U
SEE09291035JDF1	9/29/2010	Chloromethane	25	ug/Kg	U
SEE09220935RCM1	9/22/2010	Chloromethane	25	ug/Kg	U
SEE09111015PML1	9/11/2010	Chloromethane	25	ug/Kg	U
SEE09051015PML1	9/5/2010	Chloromethane	25	ug/Kg	U
SEE08301445JRP1	8/30/2010	Chloromethane	25	ug/Kg	U
SEE10161415JDF1	10/16/2010	Chloromethane	24	ug/Kg	U
SEE10040945JDF1	10/4/2010	Chloromethane	24	ug/Kg	U
SEE09230955RCM1	9/23/2010	Chloromethane	24	ug/Kg	U
SEE09211530JDF1	9/21/2010	Chloromethane	24	ug/Kg	U
SEE09170945PML1	9/17/2010	Chloromethane	24	ug/Kg	U
SEE09171125PML1	9/17/2010	Chloromethane	24	ug/Kg	U
SEE09130955JRP1	9/13/2010	Chloromethane	24	ug/Kg	U
SEE09091605PML1	9/9/2010	Chloromethane	24	ug/Kg	U
SEE09041350PML1	9/4/2010	Chloromethane	24	ug/Kg	U
SEE10071205PML1	10/7/2010	Chloromethane	23	ug/Kg	U
SEE10071540PML1	10/7/2010	Chloromethane	23	ug/Kg	U
SEE10041335JDF1	10/4/2010	Chloromethane	23	ug/Kg	U
SEE09271025ARM1	9/27/2010	Chloromethane	23	ug/Kg	U
SEE09171530PML1	9/17/2010	Chloromethane	23	ug/Kg	U
SEE09051430PML1	9/5/2010	Chloromethane	23	ug/Kg	U
SEE08271500PML1	8/27/2010	Chloromethane	23	ug/kg	U
SEE10150945JDF1	10/15/2010	Chloromethane	22	ug/Kg	U
SEE10111011JDF1	10/11/2010	Chloromethane	22	ug/Kg	U
SEE10111350JDF1	10/11/2010	Chloromethane	22	ug/Kg	U
SEE10061051RCM1	10/6/2010	Chloromethane	22	ug/Kg	U
SEE10041355ARM1	10/4/2010	Chloromethane	22	ug/Kg	U
SEE09271515JDF1	9/27/2010	Chloromethane	22	ug/Kg	U
SEE09221105JDF1	9/22/2010	Chloromethane	22	ug/Kg	U
SEE09130940PML1	9/13/2010	Chloromethane	22	ug/Kg	U
SEE08281215PML1	8/28/2010	Chloromethane	22	ug/kg	U
SEE10121030JDF1	10/12/2010	Chloromethane	21	ug/Kg	U
SEE09290925JDF1	9/29/2010	Chloromethane	21	ug/Kg	U
SEE09091025JRP1	9/9/2010	Chloromethane	21	ug/Kg	U
SEE09011635PML1	9/1/2010	Chloromethane	21	ug/Kg	U
SEE08301520JRP1	8/30/2010	Chloromethane	21	ug/Kg	U
SEE08281420TWH1	8/28/2010	Chloromethane	21	ug/kg	U
SEE08261445JRP1	8/26/2010	Chloromethane	21	ug/Kg	U
SEE10161055JDF1	10/16/2010	Chloromethane	20	ug/Kg	U
SEE10151355ARM1	10/15/2010	Chloromethane	20	ug/Kg	U
SEE10071415ARM1	10/7/2010	Chloromethane	20	ug/Kg	U
SEE09031140MHS1	9/3/2010	Chloromethane	20	ug/Kg	U
SEE08291421KAP1	8/29/2010	Chloromethane	20	ug/kg	U
SEE08271145RCM1	8/27/2010	Chloromethane	20	ug/kg	U
SEE10041050JDF1	10/4/2010	Chloromethane	19	ug/Kg	U
SEE09301255MAE1	9/30/2010	Chloromethane	19	ug/Kg	U
SEE09291645JDF1	9/29/2010	Chloromethane	19	ug/Kg	U
SEE09051550MHS1	9/5/2010	Chloromethane	19	ug/Kg	U
SEE09031645MHS1	9/3/2010	Chloromethane	19	ug/Kg	U
SEE10041138RCM1	10/4/2010	Chloromethane	18	ug/Kg	U
SEE09221615JDF1	9/22/2010	Chloromethane	18	ug/Kg	U
SEE09191445RCM1	9/19/2010	Chloromethane	18	ug/Kg	U
SEE08311010JRP1	8/31/2010	Chloromethane	18	ug/Kg	U
SEE09250905RCM1	9/25/2010	Chloromethane	17	ug/Kg	U
SEE09200911RCM1	9/20/2010	Chloromethane	17	ug/Kg	U
SEE09090900JRP1	9/9/2010	Chloromethane	17	ug/Kg	U
SEE09011545MHS1	9/1/2010	Chloromethane	17	ug/Kg	U
SEE08281510TWH1	8/28/2010	Chloromethane	17	ug/kg	U
SEE10170915JDF1	10/17/2010	Chloromethane	16	ug/Kg	U

**TABLE B-2b**  
**Upstream Sediment Samples (Morrow Lake)**

Sample ID	Sample Date	Analyte	Result	Unit	Data Qualifier
SEE09291135JDF1	9/29/2010	Chloromethane	16	ug/Kg	U
SEE09260930RCM1	9/26/2010	Chloromethane	16	ug/Kg	U
SEE09201110ARM1	9/20/2010	Chloromethane	15	ug/Kg	U
SEE08301530JAW1	8/30/2010	Chloromethane	15	ug/Kg	U
SEE08291550KAP1	8/29/2010	Chloromethane	15	ug/kg	U
SEE10071151RCM1	10/7/2010	Chloromethane	14	ug/Kg	U
SEE09211112RCM1	9/21/2010	Chloromethane	14	ug/Kg	U
SEE08311348MHS1	8/31/2010	Chloromethane	14	ug/Kg	U
SEE08300920JRP1	8/30/2010	Chloromethane	14	ug/Kg	U
SEE08261620RCM1	8/26/2010	Chloromethane	14	ug/kg	U
SEE10141025ARM1	10/14/2010	Chloromethane	12	ug/Kg	U
SEE09130915JRP1	9/13/2010	Chloromethane	12	ug/Kg	U
SEE10091200ARM1	10/9/2010	Chloromethane	11	ug/Kg	U
SEE09291023RCM1	9/29/2010	Chloromethane	11	ug/Kg	U
SEE09171445RCM1	9/17/2010	Chloromethane	11	ug/Kg	U
SEE09161035RCM1	9/16/2010	Chloromethane	11	ug/Kg	U
SEE09141312RCM1	9/14/2010	Chloromethane	10	ug/Kg	U
SEE08291445PML1	8/29/2010	Chloromethane	10	ug/kg	U
SEE08291354KAP1	8/29/2010	Chloromethane	9.3	ug/kg	U
SEE10051415ARM1	10/5/2010	Chloromethane	8.7	ug/Kg	U
SEE09061610JAW1	9/6/2010	Chloromethane	8.5	ug/Kg	U
SEE10011125ARM1	10/1/2010	Chloromethane	8.2	ug/Kg	U
SEE08261700JRP1	8/26/2010	Chloromethane	8.2	ug/Kg	U
SEE09051500MHS1	9/5/2010	Chloromethane	8.0	ug/Kg	U
SEE10171535ARM1	10/17/2010	Chloromethane	7.9	ug/Kg	U
SEE09231035ARM1	9/23/2010	Chloromethane	7.9	ug/Kg	U
SEE09171200ARM1	9/17/2010	Chloromethane	7.9	ug/Kg	U
SEE08271614TWH1	8/27/2010	Chloromethane	7.8	ug/kg	U
SEE10081035ARM1	10/8/2010	Chloromethane	7.6	ug/Kg	U
SEE08271652TWH1	8/27/2010	Chloromethane	7.6	ug/kg	U
SEE09100945RCM1	9/10/2010	Chloromethane	7.5	ug/Kg	U
SEE09211120ARM1	9/21/2010	Chloromethane	7.4	ug/Kg	U
SEB09011143JLS1	9/1/2010	Chloromethane	7.1	ug/Kg	U
SEE08301410JRP1	8/30/2010	Chloromethane	7.0	ug/Kg	U
SEE09281445RCM1	9/28/2010	Chloromethane	6.5	ug/Kg	U
SEE08271536TWH1	8/27/2010	Chloromethane	6.3	ug/kg	U
SEE09271500ARM1	9/27/2010	Chloromethane	6.2	ug/Kg	U
SEE09170935RCM1	9/17/2010	Chloromethane	6.1	ug/Kg	U
SEF10011045TDF1	10/1/2010	Chloromethane	6.0	ug/Kg	U
SEE09150915JRP1	9/15/2010	Chloromethane	6.0	ug/Kg	U
SEE10011043RCM1	10/1/2010	Chloromethane	5.8	ug/Kg	U
SEE09290915MAE1	9/29/2010	Chloromethane	5.8	ug/Kg	U
SEE10131035ARM1	10/13/2010	Chloromethane	5.5	ug/Kg	U
SEE10071045ARM1	10/7/2010	Chloromethane	5.5	ug/Kg	U
SEE10041045ARM1	10/4/2010	Chloromethane	5.5	ug/Kg	U
SEF10151030PMB3	10/15/2010	Chloromethane	5.4	ug/Kg	U
SEF10081108TDF3	10/8/2010	Chloromethane	5.4	ug/Kg	U
SEE09251235ARM1	9/25/2010	Chloromethane	5.4	ug/Kg	U
SEE08281540JRP1	8/28/2010	Chloromethane	5.4	ug/kg	U
SEF10051206TDF3	10/5/2010	Chloromethane	5.3	ug/Kg	U
SEE09140945JRP1	9/14/2010	Chloromethane	5.3	ug/Kg	U
SEE09080930JRP1	9/8/2010	Chloromethane	5.3	ug/Kg	U
SEE09011515JAW1	9/1/2010	Chloromethane	5.3	ug/Kg	U
SEE08301100JRP1	8/30/2010	Chloromethane	5.3	ug/Kg	U
SEE10121040ARM1	10/12/2010	Chloromethane	5.2	ug/Kg	U
SEF10121130PMB3	10/12/2010	Chloromethane	5.2	ug/Kg	U
SEE09221045ARM1	9/22/2010	Chloromethane	5.2	ug/Kg	U
SEE09100920JRP1	9/10/2010	Chloromethane	5.1	ug/Kg	U
SEB08281400JLS1	8/28/2010	Chloromethane	5.1	ug/kg	U
SEE09301025MAE1	9/30/2010	Chloromethane	5.0	ug/Kg	U



**TABLE B-2b**  
**Upstream Sediment Samples (Morrow Lake)**

Sample ID	Sample Date	Analyte	Result	Unit	Data Qualifier
SEE09051500JAW1	9/5/2010	Chloromethane	5.0	ug/Kg	U
SEE10051145RCM1	10/5/2010	Chloromethane	4.9	ug/Kg	U
SEE09070930JRP1	9/7/2010	Chloromethane	4.9	ug/Kg	U
SEE10061135ARM1	10/6/2010	Chloromethane	4.8	ug/Kg	U
SEE10181030JWP1	10/18/2010	Chloromethane	4.6	ug/Kg	U
SEF09281139TDF1	9/28/2010	Chloromethane	4.3	ug/Kg	U
SEE09231205RCM1	9/23/2010	Chloromethane	3.3	ug/Kg	U
SEE08271445JRP1	8/27/2010	Chloromethane	2.8	ug/kg	U
ML-07-S-082510	8/25/2010	Chloromethane	0.73	mg/Kg	U
ML-03-S-082510	8/25/2010	Chloromethane	0.43	mg/Kg	U
ML-06-S-082510	8/25/2010	Chloromethane	0.42	mg/Kg	U
ML-07-S-082410	8/24/2010	Chloromethane	0.41	mg/Kg	UJ
ML-06-S-082010	8/20/2010	Chloromethane	0.38	mg/Kg	U
ML-08-S-082510	8/25/2010	Chloromethane	0.37	mg/Kg	U
ML-08-S-082410	8/24/2010	Chloromethane	0.37	mg/Kg	UJ
ML-06-S-082310	8/23/2010	Chloromethane	0.37	mg/Kg	U
ML-07-S-082110	8/21/2010	Chloromethane	0.37	mg/Kg	U
ML-08-S-082110	8/21/2010	Chloromethane	0.37	mg/Kg	U
ML-10-S-082110	8/21/2010	Chloromethane	0.37	mg/Kg	U
ML-10-S-082110	8/21/2010	Chloromethane	0.37	mg/Kg	U
ML-10-S-081910	8/19/2010	Chloromethane	0.37	mg/Kg	U
ML-10-S-081910	8/19/2010	Chloromethane	0.37	mg/Kg	U
ML-07-S-081810	8/18/2010	Chloromethane	0.37	mg/Kg	UJ
ML-09-S-081810	8/18/2010	Chloromethane	0.37	mg/Kg	UJ
ML-10-S-082410	8/24/2010	Chloromethane	0.36	mg/Kg	UJ
ML-10-S-082410	8/24/2010	Chloromethane	0.36	mg/Kg	UJ
ML-01-S-081610	8/16/2010	Chloromethane	0.35	mg/Kg	U
ML-10-S-081610	8/16/2010	Chloromethane	0.35	mg/Kg	U
ML-10-S-081610	8/16/2010	Chloromethane	0.35	mg/Kg	U
ML-04-S-082410	8/24/2010	Chloromethane	0.34	mg/Kg	UJ
ML-03-S-082310	8/23/2010	Chloromethane	0.34	mg/Kg	U
ML-10-S-082110-D	8/21/2010	Chloromethane	0.34	mg/Kg	U
ML-10-S-082110-D	8/21/2010	Chloromethane	0.34	mg/Kg	U
ML-07-S-081610	8/16/2010	Chloromethane	0.34	mg/Kg	U
ML-08-S-081610-D	8/16/2010	Chloromethane	0.34	mg/Kg	U
ML-04-S-082610	8/26/2010	Chloromethane	0.33	mg/Kg	U
ML-05-S-082310	8/23/2010	Chloromethane	0.33	mg/Kg	U
ML-05-S-082010	8/20/2010	Chloromethane	0.33	mg/Kg	U
ML-10-S-082610	8/26/2010	Chloromethane	0.32	mg/Kg	U
ML-10-S-082610	8/26/2010	Chloromethane	0.32	mg/Kg	U
ML-06-S-081710	8/17/2010	Chloromethane	0.32	mg/Kg	U
ML-08-S-081610	8/16/2010	Chloromethane	0.32	mg/Kg	U
ML-01-S-082510	8/25/2010	Chloromethane	0.31	mg/Kg	U
ML-09-S-082510	8/25/2010	Chloromethane	0.31	mg/Kg	U
ML-09-S-082410	8/24/2010	Chloromethane	0.31	mg/Kg	UJ
ML-02-S-081710	8/17/2010	Chloromethane	0.31	mg/Kg	U
ML-02-S-082510	8/25/2010	Chloromethane	0.28	mg/Kg	U
ML-09-S-082110	8/21/2010	Chloromethane	0.28	mg/Kg	U
ML-01-S-082110	8/21/2010	Chloromethane	0.27	mg/Kg	U
ML-04-S-081710	8/17/2010	Chloromethane	0.27	mg/Kg	U
ML-05-S-081710	8/17/2010	Chloromethane	0.27	mg/Kg	U
ML-02-S-082310	8/23/2010	Chloromethane	0.25	mg/Kg	U
ML-04-S-082010	8/20/2010	Chloromethane	0.25	mg/Kg	U
ML-01-S-081910	8/19/2010	Chloromethane	0.25	mg/Kg	U
ML-02-S-082010	8/20/2010	Chloromethane	0.22	mg/Kg	U
ML-03-S-081610	8/16/2010	Chloromethane	0.22	mg/Kg	U
ML-03-S-082010	8/20/2010	Chloromethane	0.19	mg/Kg	U
ML-05-S-082610	8/26/2010	Chloromethane	0.17	mg/Kg	U
SEE10121415ARM1	10/12/2010	Chromium	450000	ug/Kg	
SEE10151055ARM1	10/15/2010	Chromium	390000	ug/Kg	J

**TABLE B-2b**  
**Upstream Sediment Samples (Morrow Lake)**

Sample ID	Sample Date	Analyte	Result	Unit	Data Qualifier
SEE10181430JWP1	10/18/2010	Chromium	330000	ug/Kg	
SEE08301445JRP1	8/30/2010	Chromium	310000	ug/Kg	J
SEE08291421KAP1	8/29/2010	Chromium	301000	ug/kg	
SEE08301015JRP1	8/30/2010	Chromium	290000	ug/Kg	J
SEE08301520JRP1	8/30/2010	Chromium	280000	ug/Kg	J
SEE10151355ARM1	10/15/2010	Chromium	250000	ug/Kg	J
SEE10141555ARM1	10/14/2010	Chromium	250000	ug/Kg	
SEE10071415ARM1	10/7/2010	Chromium	200000	ug/Kg	
SEE09090900JRP1	9/9/2010	Chromium	200000	ug/Kg	
SEE10161115ARM1	10/16/2010	Chromium	170000	ug/Kg	
SEE09061130MHS1	9/6/2010	Chromium	170000	ug/Kg	
SEE10061051RCM1	10/6/2010	Chromium	140000	ug/Kg	
SEE09091005RCM1	9/9/2010	Chromium	140000	ug/Kg	
SEE08281420TWH1	8/28/2010	Chromium	136000	ug/kg	
SEE10081051RCM1	10/8/2010	Chromium	130000	ug/Kg	
SEE10041138RCM1	10/4/2010	Chromium	130000	ug/Kg	
SEE09301205RCM1	9/30/2010	Chromium	130000	ug/Kg	
SEE09260930RCM1	9/26/2010	Chromium	130000	ug/Kg	
SEE09191445RCM1	9/19/2010	Chromium	130000	ug/Kg	
SEE09131026RCM1	9/13/2010	Chromium	130000	ug/Kg	J
SEE09011545MHS1	9/1/2010	Chromium	130000	ug/Kg	J
SEE08281630RCM1	8/28/2010	Chromium	126000	ug/kg	
SEE08281607TWH1	8/28/2010	Chromium	123000	ug/kg	
SEE10071042RCM1	10/7/2010	Chromium	120000	ug/Kg	
SEE09230955RCM1	9/23/2010	Chromium	120000	ug/Kg	J
SEE09220935RCM1	9/22/2010	Chromium	120000	ug/Kg	
SEE09170839RCM1	9/17/2010	Chromium	120000	ug/Kg	
SEE09161035RCM1	9/16/2010	Chromium	120000	ug/Kg	
SEE09101215PML1	9/10/2010	Chromium	120000	ug/Kg	
SEE08281505PML1	8/28/2010	Chromium	119000	ug/kg	
SEE08261420RCM1	8/26/2010	Chromium	117000	ug/kg	
SEE10171410JDF1	10/17/2010	Chromium	110000	ug/Kg	
SEE10091401PML1	10/9/2010	Chromium	110000	ug/Kg	
SEE10051125PML1	10/5/2010	Chromium	110000	ug/Kg	
SEE10031425JDF1	10/3/2010	Chromium	110000	ug/Kg	B
SEE09301105JDF1	9/30/2010	Chromium	110000	ug/Kg	
SEE09291023RCM1	9/29/2010	Chromium	110000	ug/Kg	
SEE09201115RCM1	9/20/2010	Chromium	110000	ug/Kg	
SEE09191040PML1	9/19/2010	Chromium	110000	ug/Kg	
SEE09181235PML1	9/18/2010	Chromium	110000	ug/Kg	
SEE09141135PML1	9/14/2010	Chromium	110000	ug/Kg	
SEE09130955JRP1	9/13/2010	Chromium	110000	ug/Kg	J
SEE09131445RCM1	9/13/2010	Chromium	110000	ug/Kg	J
SEE09121436RCM1	9/12/2010	Chromium	110000	ug/Kg	
SEE09101625PML1	9/10/2010	Chromium	110000	ug/Kg	
SEE09091025JRP1	9/9/2010	Chromium	110000	ug/Kg	
SEE09081020RCM1	9/8/2010	Chromium	110000	ug/Kg	
SEE09051550MHS1	9/5/2010	Chromium	110000	ug/Kg	
SEE09031140MHS1	9/3/2010	Chromium	110000	ug/Kg	B
SEE09021400PML1	9/2/2010	Chromium	110000	ug/Kg	B
SEE08301130PML1	8/30/2010	Chromium	110000	ug/Kg	J
SEE08301145MHS1	8/30/2010	Chromium	110000	ug/Kg	J
SEE08301530JAW1	8/30/2010	Chromium	110000	ug/Kg	J
SEE08261620RCM1	8/26/2010	Chromium	110000	ug/kg	
SEE08271215PML1	8/27/2010	Chromium	105000	ug/kg	
SEE08281215PML1	8/28/2010	Chromium	102000	ug/kg	
SEE10141015JDF1	10/14/2010	Chromium	100000	ug/Kg	
SEE10131150JDF1	10/13/2010	Chromium	100000	ug/Kg	J
SEE10120930JDF1	10/12/2010	Chromium	100000	ug/Kg	
SEE10071205PML1	10/7/2010	Chromium	100000	ug/Kg	

**TABLE B-2b**  
**Upstream Sediment Samples (Morrow Lake)**

Sample ID	Sample Date	Analyte	Result	Unit	Data Qualifier
SEE10051653PML1	10/5/2010	Chromium	100000	ug/Kg	
SEE09271025ARM1	9/27/2010	Chromium	100000	ug/Kg	
SEE09261215JDF1	9/26/2010	Chromium	100000	ug/Kg	
SEE09251135JDF1	9/25/2010	Chromium	100000	ug/Kg	
SEE09231645JDF1	9/23/2010	Chromium	100000	ug/Kg	J
SEE09141515PML1	9/14/2010	Chromium	100000	ug/Kg	
SEE09101022PML1	9/10/2010	Chromium	100000	ug/Kg	
SEE09091010PML1	9/9/2010	Chromium	100000	ug/Kg	
SEE09091410RCM1	9/9/2010	Chromium	100000	ug/Kg	
SEE09061500PML1	9/6/2010	Chromium	100000	ug/Kg	
SEE09030925PML1	9/3/2010	Chromium	100000	ug/Kg	B
SEE09021010PML1	9/2/2010	Chromium	100000	ug/Kg	B
SEE09011050PML1	9/1/2010	Chromium	100000	ug/Kg	J
SEE08301638MHS1	8/30/2010	Chromium	100000	ug/Kg	J
SEE10161055JDF1	10/16/2010	Chromium	99000	ug/Kg	
SEE09121450PML1	9/12/2010	Chromium	99000	ug/Kg	
SEE09071050PML1	9/7/2010	Chromium	99000	ug/Kg	
SEE08301550PML1	8/30/2010	Chromium	99000	ug/Kg	J
SEE09171445RCM1	9/17/2010	Chromium	98000	ug/Kg	
SEE09161045PML1	9/16/2010	Chromium	98000	ug/Kg	
SEE08311045PML1	8/31/2010	Chromium	98000	ug/Kg	B
SEE10091614PML1	10/9/2010	Chromium	97000	ug/Kg	
SEE09271130JDF1	9/27/2010	Chromium	96000	ug/Kg	
SEE10181035JDF1	10/18/2010	Chromium	95000	ug/Kg	
SEE09271515JDF1	9/27/2010	Chromium	95000	ug/Kg	
SEE09231130ARM1	9/23/2010	Chromium	95000	ug/Kg	J
SEE09181705PML1	9/18/2010	Chromium	95000	ug/Kg	
SEE09040950PML1	9/4/2010	Chromium	95000	ug/Kg	B
SEE09130940PML1	9/13/2010	Chromium	94000	ug/Kg	J
SEE09121105RCM1	9/12/2010	Chromium	94000	ug/Kg	
SEE09091410PML1	9/9/2010	Chromium	94000	ug/Kg	
SEE09031115JAW1	9/3/2010	Chromium	94000	ug/Kg	B
SEE08261445JRP1	8/26/2010	Chromium	94000	ug/Kg	B
SEE10111011JDF1	10/11/2010	Chromium	93000	ug/Kg	^
SEE10111125JDF1	10/11/2010	Chromium	93000	ug/Kg	^
SEE09301255JDF1	9/30/2010	Chromium	93000	ug/Kg	
SEE09131505PML1	9/13/2010	Chromium	93000	ug/Kg	J
SEE10091200ARM1	10/9/2010	Chromium	92000	ug/Kg	
SEE10081115PML1	10/8/2010	Chromium	92000	ug/Kg	
SEE10040945JDF1	10/4/2010	Chromium	92000	ug/Kg	
SEE10011120JDF1	10/1/2010	Chromium	92000	ug/Kg	
SEE09031645MHS1	9/3/2010	Chromium	92000	ug/Kg	B
SEE09011145PML1	9/1/2010	Chromium	92000	ug/Kg	J
SEE09011545PML1	9/1/2010	Chromium	92000	ug/Kg	J
SEE10150945JDF1	10/15/2010	Chromium	91000	ug/Kg	J
SEE09211155JDF1	9/21/2010	Chromium	91000	ug/Kg	
SEE08271500PML1	8/27/2010	Chromium	90500	ug/kg	
SEE09201645ARM1	9/20/2010	Chromium	90000	ug/Kg	
SEE09191530PML1	9/19/2010	Chromium	90000	ug/Kg	
SEE09061525MHS1	9/6/2010	Chromium	90000	ug/Kg	
SEE10041355ARM1	10/4/2010	Chromium	89000	ug/Kg	
SEE09221440JDF1	9/22/2010	Chromium	89000	ug/Kg	
SEE09111015PML1	9/11/2010	Chromium	89000	ug/Kg	
SEE10171115JDF1	10/17/2010	Chromium	88000	ug/Kg	
SEE10101010PML1	10/10/2010	Chromium	88000	ug/Kg	
SEE09211530JDF1	9/21/2010	Chromium	88000	ug/Kg	
SEE09170945PML1	9/17/2010	Chromium	88000	ug/Kg	
SEE09031100PML1	9/3/2010	Chromium	88000	ug/Kg	B
SEE09301255MAE1	9/30/2010	Chromium	87000	ug/Kg	
SEE09140945PML1	9/14/2010	Chromium	87000	ug/Kg	

**TABLE B-2b**  
**Upstream Sediment Samples (Morrow Lake)**

Sample ID	Sample Date	Analyte	Result	Unit	Data Qualifier
SEE09131125PML1	9/13/2010	Chromium	87000	ug/Kg	J
SEE09171415PML1	9/17/2010	Chromium	86000	ug/Kg	
SEE09081010PML1	9/8/2010	Chromium	86000	ug/Kg	
SEE09051130PML1	9/5/2010	Chromium	85000	ug/Kg	
SEE10181210JDF1	10/18/2010	Chromium	84000	ug/Kg	
SEE10161415JDF1	10/16/2010	Chromium	84000	ug/Kg	
SEE10161530JDF1	10/16/2010	Chromium	84000	ug/Kg	
SEE10101215PML1	10/10/2010	Chromium	84000	ug/Kg	
SEE10101215PML1	10/10/2010	Chromium	84000	ug/Kg	
SEE09291035JDF1	9/29/2010	Chromium	84000	ug/Kg	
SEE09221105JDF1	9/22/2010	Chromium	84000	ug/Kg	
SEE10081231PML1	10/8/2010	Chromium	83000	ug/Kg	
SEE10061205PML1	10/6/2010	Chromium	83000	ug/Kg	
SEE09151015PML1	9/15/2010	Chromium	83000	ug/Kg	
SEE09121055PML1	9/12/2010	Chromium	83000	ug/Kg	
SEE09121055PML1	9/12/2010	Chromium	83000	ug/Kg	
SEE10141150JDF1	10/14/2010	Chromium	82000	ug/Kg	
SEE10071101PML1	10/7/2010	Chromium	82000	ug/Kg	
SEE09091145PML1	9/9/2010	Chromium	82000	ug/Kg	
SEE10061640PML1	10/6/2010	Chromium	81000	ug/Kg	
SEE10061640PML1	10/6/2010	Chromium	81000	ug/Kg	
SEE09261625JDF1	9/26/2010	Chromium	81000	ug/Kg	
SEE09261625JDF1	9/26/2010	Chromium	81000	ug/Kg	
SEE09250905RCM1	9/25/2010	Chromium	81000	ug/Kg	
SEE09081205PML1	9/8/2010	Chromium	81000	ug/Kg	
SEE09051015PML1	9/5/2010	Chromium	81000	ug/Kg	
SEE09031650PML1	9/3/2010	Chromium	81000	ug/Kg	B
SEE09031650PML1	9/3/2010	Chromium	81000	ug/Kg	B
SEE08271145RCM1	8/27/2010	Chromium	80500	ug/kg	
SEE10141550JDF1	10/14/2010	Chromium	80000	ug/Kg	
SEE10141550JDF1	10/14/2010	Chromium	80000	ug/Kg	
SEE10111350JDF1	10/11/2010	Chromium	80000	ug/Kg	^
SEE09231210JDF1	9/23/2010	Chromium	80000	ug/Kg	J
SEE09151145PML1	9/15/2010	Chromium	80000	ug/Kg	
SEE09151145PML1	9/15/2010	Chromium	80000	ug/Kg	
SEE09091515PML1	9/9/2010	Chromium	80000	ug/Kg	
SEE08311420PML1	8/31/2010	Chromium	80000	ug/Kg	B
SEE08311420PML1	8/31/2010	Chromium	80000	ug/Kg	B
SEE08300920JRP1	8/30/2010	Chromium	80000	ug/Kg	J
SEE10041530JDF1	10/4/2010	Chromium	79000	ug/Kg	
SEE10031115JDF1	10/3/2010	Chromium	79000	ug/Kg	B
SEE10031115JDF1	10/3/2010	Chromium	79000	ug/Kg	B
SEE09211112RCM1	9/21/2010	Chromium	79000	ug/Kg	
SEE08281510TWH1	8/28/2010	Chromium	78500	ug/kg	
SEE10041150JDF1	10/4/2010	Chromium	78000	ug/Kg	
SEE09171125PML1	9/17/2010	Chromium	78000	ug/Kg	
SEE10041050JDF1	10/4/2010	Chromium	77000	ug/Kg	
SEE09290925JDF1	9/29/2010	Chromium	76000	ug/Kg	
SEE09041350PML1	9/4/2010	Chromium	76000	ug/Kg	B
SEE08311010JRP1	8/31/2010	Chromium	76000	ug/Kg	B
SEE10181510JDF1	10/18/2010	Chromium	75000	ug/Kg	
SEE10181510JDF1	10/18/2010	Chromium	75000	ug/Kg	
SEE10121155JDF1	10/12/2010	Chromium	75000	ug/Kg	
SEE09200945PML1	9/20/2010	Chromium	75000	ug/Kg	
SEE09200945PML1	9/20/2010	Chromium	75000	ug/Kg	
SEE10071540PML1	10/7/2010	Chromium	74000	ug/Kg	
SEE09141312RCM1	9/14/2010	Chromium	74000	ug/Kg	
SEE09061105PML1	9/6/2010	Chromium	74000	ug/Kg	
SEE08291550KAP1	8/29/2010	Chromium	73600	ug/kg	
SEE09011255PML1	9/1/2010	Chromium	70000	ug/Kg	J

**TABLE B-2b**  
**Upstream Sediment Samples (Morrow Lake)**

Sample ID	Sample Date	Analyte	Result	Unit	Data Qualifier
SEE09051430PML1	9/5/2010	Chromium	69000	ug/Kg	
SEE09091605PML1	9/9/2010	Chromium	68000	ug/Kg	
SEE09221615JDF1	9/22/2010	Chromium	66000	ug/Kg	
SEE09171530PML1	9/17/2010	Chromium	66000	ug/Kg	
SEE09131620PML1	9/13/2010	Chromium	66000	ug/Kg	J
SEE10171535ARM1	10/17/2010	Chromium	64000	ug/Kg	
SEE09011635PML1	9/1/2010	Chromium	62000	ug/Kg	J
SEE10121030JDF1	10/12/2010	Chromium	57000	ug/Kg	
SEE08291110PML1	8/29/2010	Chromium	54700	ug/kg	
SEE10170915JDF1	10/17/2010	Chromium	54000	ug/Kg	
SEE10041335JDF1	10/4/2010	Chromium	54000	ug/Kg	
SEE08291354KAP1	8/29/2010	Chromium	44000	ug/kg	
SEE10141025ARM1	10/14/2010	Chromium	41000	ug/Kg	
SEE08311348MHS1	8/31/2010	Chromium	41000	ug/Kg	B
SEE09061610JAW1	9/6/2010	Chromium	39000	ug/Kg	
SEE09291135JDF1	9/29/2010	Chromium	38000	ug/Kg	
SEE09291645JDF1	9/29/2010	Chromium	38000	ug/Kg	
SEE08271614TWH1	8/27/2010	Chromium	32900	ug/kg	
SEE08301410JRP1	8/30/2010	Chromium	28000	ug/Kg	J
SEE10071151RCM1	10/7/2010	Chromium	27000	ug/Kg	
SEE09130915JRP1	9/13/2010	Chromium	27000	ug/Kg	J
SEE08291445PML1	8/29/2010	Chromium	25400	ug/kg	
SEE10071045ARM1	10/7/2010	Chromium	24000	ug/Kg	
SEE10011125ARM1	10/1/2010	Chromium	24000	ug/Kg	
SEE08271652TWH1	8/27/2010	Chromium	20900	ug/kg	
SEE10051415ARM1	10/5/2010	Chromium	19000	ug/Kg	
SEE09231205RCM1	9/23/2010	Chromium	19000	ug/Kg	J
SEE09051500MHS1	9/5/2010	Chromium	19000	ug/Kg	
SEE09290915MAE1	9/29/2010	Chromium	18000	ug/Kg	
SEE10061135ARM1	10/6/2010	Chromium	17000	ug/Kg	
SEE09201110ARM1	9/20/2010	Chromium	16000	ug/Kg	
SEE09171200ARM1	9/17/2010	Chromium	16000	ug/Kg	
SEE10121040ARM1	10/12/2010	Chromium	14000	ug/Kg	
SEE08261700JRP1	8/26/2010	Chromium	14000	ug/Kg	B
SEE08281540JRP1	8/28/2010	Chromium	13900	ug/kg	
SEE09271500ARM1	9/27/2010	Chromium	13000	ug/Kg	
SEE09251235ARM1	9/25/2010	Chromium	13000	ug/Kg	
SEE09211120ARM1	9/21/2010	Chromium	13000	ug/Kg	
SEE09100920JRP1	9/10/2010	Chromium	13000	ug/Kg	
SEE08271445JRP1	8/27/2010	Chromium	12700	ug/kg	
SEE09301025MAE1	9/30/2010	Chromium	12000	ug/Kg	
SEE09231035ARM1	9/23/2010	Chromium	12000	ug/Kg	J
SEE09150915JRP1	9/15/2010	Chromium	12000	ug/Kg	
SEE09140945JRP1	9/14/2010	Chromium	12000	ug/Kg	
SEE09051500JAW1	9/5/2010	Chromium	12000	ug/Kg	
SEE10041045ARM1	10/4/2010	Chromium	11000	ug/Kg	
SEE08301100JRP1	8/30/2010	Chromium	11000	ug/Kg	J
SEE09100945RCM1	9/10/2010	Chromium	9500	ug/Kg	
SEE09070930JRP1	9/7/2010	Chromium	9300	ug/Kg	
SEE10181030JWP1	10/18/2010	Chromium	8800	ug/Kg	
SEE09221045ARM1	9/22/2010	Chromium	8700	ug/Kg	
SEE09080930JRP1	9/8/2010	Chromium	8400	ug/Kg	
SEE09011515JAW1	9/1/2010	Chromium	7900	ug/Kg	J
SEB08281400JLS1	8/28/2010	Chromium	7620	ug/kg	
SEE10131035ARM1	10/13/2010	Chromium	7500	ug/Kg	J
SEE09281445RCM1	9/28/2010	Chromium	7300	ug/Kg	
SEE09170935RCM1	9/17/2010	Chromium	7200	ug/Kg	
SEE10081035ARM1	10/8/2010	Chromium	7100	ug/Kg	
SEF09281139TDF1	9/28/2010	Chromium	6200	ug/Kg	
SEE09200911RCM1	9/20/2010	Chromium	5900	ug/Kg	

**TABLE B-2b**  
**Upstream Sediment Samples (Morrow Lake)**

Sample ID	Sample Date	Analyte	Result	Unit	Data Qualifier
SEE08271536TWH1	8/27/2010	Chromium	5880	ug/kg	
SEE10011043RCM1	10/1/2010	Chromium	5300	ug/Kg	
SEE10051145RCM1	10/5/2010	Chromium	4900	ug/Kg	
SEF10011045TDF1	10/1/2010	Chromium	4400	ug/Kg	
SEF10081108TDF3	10/8/2010	Chromium	3900	ug/Kg	
SEB09011143JLS1	9/1/2010	Chromium	3800	ug/Kg	J
SEF10121130PMB3	10/12/2010	Chromium	3500	ug/Kg	
SEF10051206TDF3	10/5/2010	Chromium	3300	ug/Kg	
SEF10151030PMB3	10/15/2010	Chromium	2700	ug/Kg	J
SEE10041335JDF1	10/4/2010	Chrysene	2300	ug/Kg	
SEE10031425JDF1	10/3/2010	Chrysene	2100	ug/Kg	
SEE09061610JAW1	9/6/2010	Chrysene	2100	ug/Kg	
SEE10121030JDF1	10/12/2010	Chrysene	2000	ug/Kg	
SEE09051430PML1	9/5/2010	Chrysene	1800	ug/Kg	
SEE10111350JDF1	10/11/2010	Chrysene	1700	ug/Kg	
SEE10071540PML1	10/7/2010	Chrysene	1700	ug/Kg	
SEE09221615JDF1	9/22/2010	Chrysene	1700	ug/Kg	
SEE10071205PML1	10/7/2010	Chrysene	1600	ug/Kg	
SEE10040945JDF1	10/4/2010	Chrysene	1600	ug/Kg	
SEE10041150JDF1	10/4/2010	Chrysene	1600	ug/Kg	
SEE09131620PML1	9/13/2010	Chrysene	1600	ug/Kg	J
SEE09271130JDF1	9/27/2010	Chrysene	1500	ug/Kg	
SEE09221105JDF1	9/22/2010	Chrysene	1500	ug/Kg	
SEE09051015PML1	9/5/2010	Chrysene	1500	ug/Kg	
SEE09031115JAW1	9/3/2010	Chrysene	1500	ug/Kg	
SEE09011255PML1	9/1/2010	Chrysene	1500	ug/Kg	
SEE09011635PML1	9/1/2010	Chrysene	1500	ug/Kg	
SEE10170915JDF1	10/17/2010	Chrysene	1400	ug/Kg	
SEE10120930JDF1	10/12/2010	Chrysene	1400	ug/Kg	
SEE10071101PML1	10/7/2010	Chrysene	1400	ug/Kg	
SEE09290925JDF1	9/29/2010	Chrysene	1400	ug/Kg	
SEE09271025ARM1	9/27/2010	Chrysene	1400	ug/Kg	
SEE10171535ARM1	10/17/2010	Chrysene	1300	ug/Kg	
SEE10111011JDF1	10/11/2010	Chrysene	1300	ug/Kg	
SEE10091200ARM1	10/9/2010	Chrysene	1300	ug/Kg	J
SEE10061205PML1	10/6/2010	Chrysene	1300	ug/Kg	
SEE09301255MAE1	9/30/2010	Chrysene	1300	ug/Kg	
SEE09271515JDF1	9/27/2010	Chrysene	1300	ug/Kg	
SEE09130955JRP1	9/13/2010	Chrysene	1300	ug/Kg	
SEE09091605PML1	9/9/2010	Chrysene	1300	ug/Kg	
SEE09041350PML1	9/4/2010	Chrysene	1300	ug/Kg	
SEE10111125JDF1	10/11/2010	Chrysene	1200	ug/Kg	
SEE10081231PML1	10/8/2010	Chrysene	1200	ug/Kg	
SEE10041050JDF1	10/4/2010	Chrysene	1200	ug/Kg	
SEE10041355ARM1	10/4/2010	Chrysene	1200	ug/Kg	
SEE09291035JDF1	9/29/2010	Chrysene	1200	ug/Kg	
SEE09171125PML1	9/17/2010	Chrysene	1200	ug/Kg	J
SEE09161045PML1	9/16/2010	Chrysene	1200	ug/Kg	
SEE09131125PML1	9/13/2010	Chrysene	1200	ug/Kg	
SEE09121450PML1	9/12/2010	Chrysene	1200	ug/Kg	J
SEE09011545PML1	9/1/2010	Chrysene	1200	ug/Kg	
SEE09221440JDF1	9/22/2010	Chrysene	1100	ug/Kg	
SEE09171530PML1	9/17/2010	Chrysene	1100	ug/Kg	J
SEE09131505PML1	9/13/2010	Chrysene	1100	ug/Kg	
SEE09091515PML1	9/9/2010	Chrysene	1100	ug/Kg	
SEE09051130PML1	9/5/2010	Chrysene	1100	ug/Kg	
SEE09171415PML1	9/17/2010	Chrysene	1000	ug/Kg	J
SEE09091025JRP1	9/9/2010	Chrysene	1000	ug/Kg	
SEE10131150JDF1	10/13/2010	Chrysene	990	ug/Kg	
SEE08301530JAW1	8/30/2010	Chrysene	990	ug/Kg	

**TABLE B-2b**  
**Upstream Sediment Samples (Morrow Lake)**

Sample ID	Sample Date	Analyte	Result	Unit	Data Qualifier
SEE10161055JDF1	10/16/2010	Chrysene	980	ug/Kg	
SEE09130940PML1	9/13/2010	Chrysene	980	ug/Kg	
SEE09201645ARM1	9/20/2010	Chrysene	970	ug/Kg	
SEE09011145PML1	9/1/2010	Chrysene	970	ug/Kg	
SEE09040950PML1	9/4/2010	Chrysene	930	ug/Kg	
SEE10161530JDF1	10/16/2010	Chrysene	920	ug/Kg	
SEE09091145PML1	9/9/2010	Chrysene	920	ug/Kg	
SEE09170945PML1	9/17/2010	Chrysene	910	ug/Kg	J
SEE09011050PML1	9/1/2010	Chrysene	900	ug/Kg	
SEE10071415ARM1	10/7/2010	Chrysene	890	ug/Kg	
SEE09291135JDF1	9/29/2010	Chrysene	890	ug/Kg	
SEE09011545MHS1	9/1/2010	Chrysene	880	ug/Kg	
SEE10051125PML1	10/5/2010	Chrysene	860	ug/Kg	
SEE09091410PML1	9/9/2010	Chrysene	850	ug/Kg	
SEE09211530JDF1	9/21/2010	Chrysene	830	ug/Kg	
SEE09301105JDF1	9/30/2010	Chrysene	820	ug/Kg	
SEE09231130ARM1	9/23/2010	Chrysene	810	ug/Kg	
SEE09211155JDF1	9/21/2010	Chrysene	810	ug/Kg	
SEE09081020RCM1	9/8/2010	Chrysene	810	ug/Kg	
SEE10121415ARM1	10/12/2010	Chrysene	800	ug/Kg	
SEE09301255JDF1	9/30/2010	Chrysene	790	ug/Kg	
SEE09091010PML1	9/9/2010	Chrysene	790	ug/Kg	
SEE10171410JDF1	10/17/2010	Chrysene	780	ug/Kg	
SEE10051653PML1	10/5/2010	Chrysene	780	ug/Kg	
SEE08271500PML1	8/27/2010	Chrysene	780	ug/kg	
SEE10061051RCM1	10/6/2010	Chrysene	760	ug/Kg	
SEE09191445RCM1	9/19/2010	Chrysene	760	ug/Kg	
SEE08301015JRP1	8/30/2010	Chrysene	760	ug/Kg	
SEE10141550JDF1	10/14/2010	Chrysene	750	ug/Kg	
SEE10141550JDF1	10/14/2010	Chrysene	750	ug/Kg	
SEE09021010PML1	9/2/2010	Chrysene	740	ug/Kg	
SEE10181035JDF1	10/18/2010	Chrysene	730	ug/Kg	
SEE09121436RCM1	9/12/2010	Chrysene	720	ug/Kg	J
SEE10091401PML1	10/9/2010	Chrysene	710	ug/Kg	J
SEE09030925PML1	9/3/2010	Chrysene	710	ug/Kg	
SEE09021400PML1	9/2/2010	Chrysene	710	ug/Kg	
SEE10151355ARM1	10/15/2010	Chrysene	700	ug/Kg	
SEE10081051RCM1	10/8/2010	Chrysene	700	ug/Kg	
SEE09061525MHS1	9/6/2010	Chrysene	700	ug/Kg	
SEE09061500PML1	9/6/2010	Chrysene	690	ug/Kg	
SEE09051550MHS1	9/5/2010	Chrysene	690	ug/Kg	
SEE10161115ARM1	10/16/2010	Chrysene	680	ug/Kg	
SEE10051415ARM1	10/5/2010	Chrysene	670	ug/Kg	
SEE10031115JDF1	10/3/2010	Chrysene	660	ug/Kg	
SEE10031115JDF1	10/3/2010	Chrysene	660	ug/Kg	
SEE09251135JDF1	9/25/2010	Chrysene	660	ug/Kg	J
SEE09031645MHS1	9/3/2010	Chrysene	660	ug/Kg	
SEE08301145MHS1	8/30/2010	Chrysene	660	ug/Kg	
SEE08301638MHS1	8/30/2010	Chrysene	660	ug/Kg	
SEE10171115JDF1	10/17/2010	Chrysene	650	ug/Kg	
SEE10161415JDF1	10/16/2010	Chrysene	650	ug/Kg	
SEE10141015JDF1	10/14/2010	Chrysene	650	ug/Kg	
SEE09061130MHS1	9/6/2010	Chrysene	640	ug/Kg	
SEE08301130PML1	8/30/2010	Chrysene	640	ug/Kg	
SEE10041530JDF1	10/4/2010	Chrysene	630	ug/Kg	
SEE09260930RCM1	9/26/2010	Chrysene	630	ug/Kg	
SEE08301520JRP1	8/30/2010	Chrysene	630	ug/Kg	
SEE10141150JDF1	10/14/2010	Chrysene	620	ug/Kg	
SEE10081115PML1	10/8/2010	Chrysene	620	ug/Kg	
SEE09141135PML1	9/14/2010	Chrysene	620	ug/Kg	

**TABLE B-2b**  
**Upstream Sediment Samples (Morrow Lake)**

Sample ID	Sample Date	Analyte	Result	Unit	Data Qualifier
SEE09121055PML1	9/12/2010	Chrysene	610	ug/Kg	J
SEE09121055PML1	9/12/2010	Chrysene	610	ug/Kg	J
SEE09090900JRP1	9/9/2010	Chrysene	600	ug/Kg	
SEE10121155JDF1	10/12/2010	Chrysene	590	ug/Kg	
SEE10101215PML1	10/10/2010	Chrysene	590	ug/Kg	
SEE10101215PML1	10/10/2010	Chrysene	590	ug/Kg	
SEE09291023RCM1	9/29/2010	Chrysene	590	ug/Kg	
SEE09140945PML1	9/14/2010	Chrysene	580	ug/Kg	
SEE09121105RCM1	9/12/2010	Chrysene	580	ug/Kg	J
SEE08301445JRP1	8/30/2010	Chrysene	580	ug/Kg	
SEE08281505PML1	8/28/2010	Chrysene	570	ug/kg	J
SEE09141515PML1	9/14/2010	Chrysene	560	ug/Kg	
SEE09111015PML1	9/11/2010	Chrysene	560	ug/Kg	J
SEE10181210JDF1	10/18/2010	Chrysene	540	ug/Kg	
SEE10141555ARM1	10/14/2010	Chrysene	540	ug/Kg	
SEE10091614PML1	10/9/2010	Chrysene	530	ug/Kg	J
SEE09170839RCM1	9/17/2010	Chrysene	530	ug/Kg	J
SEE09130915JRP1	9/13/2010	Chrysene	530	ug/Kg	
SEE09061105PML1	9/6/2010	Chrysene	530	ug/Kg	
SEE09031140MHS1	9/3/2010	Chrysene	530	ug/Kg	
SEE10151055ARM1	10/15/2010	Chrysene	520	ug/Kg	
SEE09151145PML1	9/15/2010	Chrysene	520	ug/Kg	
SEE09151145PML1	9/15/2010	Chrysene	520	ug/Kg	
SEE09131026RCM1	9/13/2010	Chrysene	520	ug/Kg	
SEE10181510JDF1	10/18/2010	Chrysene	500	ug/Kg	
SEE10181510JDF1	10/18/2010	Chrysene	500	ug/Kg	
SEE10041138RCM1	10/4/2010	Chrysene	500	ug/Kg	
SEE10011120JDF1	10/1/2010	Chrysene	500	ug/Kg	
SEE09161035RCM1	9/16/2010	Chrysene	500	ug/Kg	
SEE09261215JDF1	9/26/2010	Chrysene	490	ug/Kg	
SEE09261625JDF1	9/26/2010	Chrysene	490	ug/Kg	
SEE09261625JDF1	9/26/2010	Chrysene	490	ug/Kg	
SEE09181235PML1	9/18/2010	Chrysene	490	ug/Kg	
SEE09181705PML1	9/18/2010	Chrysene	490	ug/Kg	
SEE09031650PML1	9/3/2010	Chrysene	490	ug/Kg	
SEE09031650PML1	9/3/2010	Chrysene	490	ug/Kg	
SEE08291550KAP1	8/29/2010	Chrysene	490	ug/kg	
SEE10071042RCM1	10/7/2010	Chrysene	480	ug/Kg	
SEE09191530PML1	9/19/2010	Chrysene	480	ug/Kg	
SEE09131445RCM1	9/13/2010	Chrysene	480	ug/Kg	
SEE08311420PML1	8/31/2010	Chrysene	480	ug/Kg	
SEE08311420PML1	8/31/2010	Chrysene	480	ug/Kg	
SEE09220935RCM1	9/22/2010	Chrysene	470	ug/Kg	
SEE09071050PML1	9/7/2010	Chrysene	470	ug/Kg	
SEE08271215PML1	8/27/2010	Chrysene	470	ug/kg	J
SEE09081010PML1	9/8/2010	Chrysene	460	ug/Kg	
SEE08311045PML1	8/31/2010	Chrysene	460	ug/Kg	
SEE08301550PML1	8/30/2010	Chrysene	460	ug/Kg	
SEE08300920JRP1	8/30/2010	Chrysene	450	ug/Kg	
SEE08281215PML1	8/28/2010	Chrysene	450	ug/kg	J
SEE09081205PML1	9/8/2010	Chrysene	440	ug/Kg	
SEE10181430JWP1	10/18/2010	Chrysene	430	ug/Kg	
SEE10150945JDF1	10/15/2010	Chrysene	430	ug/Kg	
SEE09291645JDF1	9/29/2010	Chrysene	410	ug/Kg	
SEE09031100PML1	9/3/2010	Chrysene	410	ug/Kg	
SEE08281630RCM1	8/28/2010	Chrysene	410	ug/kg	J
SEE09201115RCM1	9/20/2010	Chrysene	380	ug/Kg	
SEE09191040PML1	9/19/2010	Chrysene	380	ug/Kg	
SEE09101215PML1	9/10/2010	Chrysene	370	ug/Kg	J
SEE09101625PML1	9/10/2010	Chrysene	370	ug/Kg	J



**TABLE B-2b**  
**Upstream Sediment Samples (Morrow Lake)**

Sample ID	Sample Date	Analyte	Result	Unit	Data Qualifier
SEE10191515JDF1	10/19/2010	Chrysene	350	ug/Kg	
SEE10061640PML1	10/6/2010	Chrysene	350	ug/Kg	
SEE10061640PML1	10/6/2010	Chrysene	350	ug/Kg	
SEE09250905RCM1	9/25/2010	Chrysene	350	ug/Kg	J
SEE09091005RCM1	9/9/2010	Chrysene	350	ug/Kg	
SEE09171445RCM1	9/17/2010	Chrysene	340	ug/Kg	J
SEE08281607TWH1	8/28/2010	Chrysene	340	ug/kg	J
SEE10101010PML1	10/10/2010	Chrysene	330	ug/Kg	
SEE09200945PML1	9/20/2010	Chrysene	330	ug/Kg	
SEE09200945PML1	9/20/2010	Chrysene	330	ug/Kg	
SEE08271614TWH1	8/27/2010	Chrysene	330	ug/kg	J
SEE09101022PML1	9/10/2010	Chrysene	320	ug/Kg	J
SEE09231645JDF1	9/23/2010	Chrysene	300	ug/Kg	
SEE09211112RCM1	9/21/2010	Chrysene	300	ug/Kg	
SEE09091410RCM1	9/9/2010	Chrysene	300	ug/Kg	
SEE08261420RCM1	8/26/2010	Chrysene	290	ug/kg	J
SEE10191100JDF1	10/19/2010	Chrysene	280	ug/Kg	
SEE09301205RCM1	9/30/2010	Chrysene	260	ug/Kg	
SEE08261445JRP1	8/26/2010	Chrysene	260	ug/Kg	
SEE09141312RCM1	9/14/2010	Chrysene	240	ug/Kg	
SEE08281420TWH1	8/28/2010	Chrysene	240	ug/kg	J
SEE08291354KAP1	8/29/2010	Chrysene	230	ug/kg	J
SEE08291421KAP1	8/29/2010	Chrysene	230	ug/kg	J
SEE09151015PML1	9/15/2010	Chrysene	210	ug/Kg	
SEE08311010JRP1	8/31/2010	Chrysene	210	ug/Kg	
SEE08281510TWH1	8/28/2010	Chrysene	210	ug/kg	J
SEE08271145RCM1	8/27/2010	Chrysene	200	ug/kg	J
SEE08271652TWH1	8/27/2010	Chrysene	200	ug/kg	J
SEE10211035JDF1	10/21/2010	Chrysene	180	ug/Kg	UJ
SEE09230955RCM1	9/23/2010	Chrysene	180	ug/Kg	
SEE09231210JDF1	9/23/2010	Chrysene	180	ug/Kg	
SEE08311348MHS1	8/31/2010	Chrysene	180	ug/Kg	
SEE10121040ARM1	10/12/2010	Chrysene	170	ug/Kg	
SEE09290915MAE1	9/29/2010	Chrysene	170	ug/Kg	
SEE10221110JDF1	10/22/2010	Chrysene	160	ug/Kg	U
SEE10221110JDF1	10/22/2010	Chrysene	160	ug/Kg	U
SEE10211430JDF1	10/21/2010	Chrysene	160	ug/Kg	U
SEE10191005JDF1	10/19/2010	Chrysene	160	ug/Kg	U
SEE10011125ARM1	10/1/2010	Chrysene	160	ug/Kg	
SEE09201110ARM1	9/20/2010	Chrysene	160	ug/Kg	
SEE08261620RCM1	8/26/2010	Chrysene	160	ug/kg	J
SEE10191155JDF1	10/19/2010	Chrysene	150	ug/Kg	U
SEE10191415JDF1	10/19/2010	Chrysene	150	ug/Kg	U
SEE10061135ARM1	10/6/2010	Chrysene	150	ug/Kg	
SEE10211010JWP1	10/21/2010	Chrysene	140	ug/Kg	U
SEE10071151RCM1	10/7/2010	Chrysene	140	ug/Kg	
SEE10221055DWS1	10/22/2010	Chrysene	130	ug/Kg	U
SEE10191010JWP1	10/19/2010	Chrysene	130	ug/Kg	U
SEE10141025ARM1	10/14/2010	Chrysene	130	ug/Kg	
SEE10071045ARM1	10/7/2010	Chrysene	130	ug/Kg	
SEE10191115JWP1	10/19/2010	Chrysene	120	ug/Kg	
SEF10011045TDF1	10/1/2010	Chrysene	120	ug/Kg	
SEE09140945JRP1	9/14/2010	Chrysene	110	ug/Kg	
SEE08291445PML1	8/29/2010	Chrysene	110	ug/kg	J
SEE08261700JRP1	8/26/2010	Chrysene	110	ug/Kg	
SEE09271500ARM1	9/27/2010	Chrysene	100	ug/Kg	
SEE09171200ARM1	9/17/2010	Chrysene	100	ug/Kg	J
SEE09150915JRP1	9/15/2010	Chrysene	93	ug/Kg	
SEE09051500MHS1	9/5/2010	Chrysene	92	ug/Kg	
SEE08291110PML1	8/29/2010	Chrysene	87	ug/kg	J

**TABLE B-2b**  
**Upstream Sediment Samples (Morrow Lake)**

Sample ID	Sample Date	Analyte	Result	Unit	Data Qualifier
SEE08271445JRP1	8/27/2010	Chrysene	75	ug/kg	J
SEE10221450DWS1	10/22/2010	Chrysene	69	ug/Kg	J
SEE09301025MAE1	9/30/2010	Chrysene	67	ug/Kg	
SEE09211120ARM1	9/21/2010	Chrysene	67	ug/Kg	
SEE09231035ARM1	9/23/2010	Chrysene	65	ug/Kg	
SEE10211345JWP1	10/21/2010	Chrysene	62	ug/Kg	U
SEE08281540JRP1	8/28/2010	Chrysene	60	ug/kg	J
SEE09070930JRP1	9/7/2010	Chrysene	58	ug/Kg	
SEE09251235ARM1	9/25/2010	Chrysene	52	ug/Kg	J
SEE09100920JRP1	9/10/2010	Chrysene	52	ug/Kg	J
SEE09100945RCM1	9/10/2010	Chrysene	52	ug/Kg	UJ
SEF10221050MAE3	10/22/2010	Chrysene	46	ug/Kg	U
SEE09231205RCM1	9/23/2010	Chrysene	46	ug/Kg	
SEE09200911RCM1	9/20/2010	Chrysene	46	ug/Kg	U
SEE10041045ARM1	10/4/2010	Chrysene	45	ug/Kg	
SEF10191135NAC3	10/19/2010	Chrysene	44	ug/Kg	U
SEF10081108TDF3	10/8/2010	Chrysene	43	ug/Kg	U
SEE10011043RCM1	10/1/2010	Chrysene	43	ug/Kg	U
SEE09170935RCM1	9/17/2010	Chrysene	43	ug/Kg	UJ
SEF10151030PMB3	10/15/2010	Chrysene	42	ug/Kg	U
SEF10121130PMB3	10/12/2010	Chrysene	42	ug/Kg	U
SEB09011143JLS1	9/1/2010	Chrysene	42	ug/Kg	U
SEE10051145RCM1	10/5/2010	Chrysene	40	ug/Kg	U
SEE09221045ARM1	9/22/2010	Chrysene	40	ug/Kg	U
SEE09080930JRP1	9/8/2010	Chrysene	40	ug/Kg	U
SEE09011151JAW1	9/1/2010	Chrysene	40	ug/Kg	U
SEE08301410JRP1	8/30/2010	Chrysene	40	ug/Kg	J
SEF09281139TDF1	9/28/2010	Chrysene	39	ug/Kg	U
SEE08271536TWH1	8/27/2010	Chrysene	38	ug/kg	J
SEE10181030JWP1	10/18/2010	Chrysene	37	ug/Kg	U
SEE09051500JAW1	9/5/2010	Chrysene	36	ug/Kg	J
SEB08281400JLS1	8/28/2010	Chrysene	33	ug/kg	J
SEF10051206TDF3	10/5/2010	Chrysene	25	ug/Kg	J
SEE10081035ARM1	10/8/2010	Chrysene	24	ug/Kg	J
SEE08301100JRP1	8/30/2010	Chrysene	22	ug/Kg	J
SEE09281445RCM1	9/28/2010	Chrysene	15	ug/Kg	J
SEE10131035ARM1	10/13/2010	Chrysene	14	ug/Kg	J
ML-03-S-082510	8/25/2010	Chrysene	1.3	mg/Kg	
ML-03-S-082310	8/23/2010	Chrysene	1.3	mg/Kg	
ML-05-S-082310	8/23/2010	Chrysene	1.3	mg/Kg	
ML-05-S-081710	8/17/2010	Chrysene	1.3	mg/Kg	
ML-03-S-081610	8/16/2010	Chrysene	1.2	mg/Kg	
ML-03-S-082010	8/20/2010	Chrysene	1.1	mg/Kg	
ML-04-S-082010	8/20/2010	Chrysene	1.1	mg/Kg	
ML-04-S-082410	8/24/2010	Chrysene	1.0	mg/Kg	J
ML-02-S-082310	8/23/2010	Chrysene	1.0	mg/Kg	
ML-05-S-082010	8/20/2010	Chrysene	0.99	mg/Kg	
ML-02-S-082510	8/25/2010	Chrysene	0.98	mg/Kg	
ML-04-S-081710	8/17/2010	Chrysene	0.91	mg/Kg	
ML-01-S-082510	8/25/2010	Chrysene	0.89	mg/Kg	
ML-01-S-081610	8/16/2010	Chrysene	0.86	mg/Kg	
ML-04-S-082610	8/26/2010	Chrysene	0.84	mg/Kg	
ML-02-S-082010	8/20/2010	Chrysene	0.83	mg/Kg	
ML-01-S-081910	8/19/2010	Chrysene	0.70	mg/Kg	
ML-01-S-082110	8/21/2010	Chrysene	0.67	mg/Kg	
ML-02-S-081710	8/17/2010	Chrysene	0.62	mg/Kg	
ML-05-S-082610	8/26/2010	Chrysene	0.56	mg/Kg	
ML-07-S-082410	8/24/2010	Chrysene	0.49	mg/Kg	J
ML-07-S-082110	8/21/2010	Chrysene	0.46	mg/Kg	
ML-08-S-082510	8/25/2010	Chrysene	0.43	mg/Kg	

**TABLE B-2b**  
**Upstream Sediment Samples (Morrow Lake)**

Sample ID	Sample Date	Analyte	Result	Unit	Data Qualifier
ML-07-S-082510	8/25/2010	Chrysene	0.41	mg/Kg	
ML-10-S-081910	8/19/2010	Chrysene	0.38	mg/Kg	
ML-10-S-081910	8/19/2010	Chrysene	0.38	mg/Kg	
ML-06-S-082510	8/25/2010	Chrysene	0.35	mg/Kg	
ML-10-S-081610	8/16/2010	Chrysene	0.35	mg/Kg	
ML-10-S-081610	8/16/2010	Chrysene	0.35	mg/Kg	
ML-07-S-081810	8/18/2010	Chrysene	0.34	mg/Kg	J
ML-08-S-081610	8/16/2010	Chrysene	0.32	mg/Kg	
ML-06-S-081710	8/17/2010	Chrysene	0.31	mg/Kg	
ML-06-S-082310	8/23/2010	Chrysene	0.30	mg/Kg	J
ML-09-S-082110	8/21/2010	Chrysene	0.30	mg/Kg	
ML-10-S-082110	8/21/2010	Chrysene	0.29	mg/Kg	
ML-10-S-082110	8/21/2010	Chrysene	0.29	mg/Kg	
ML-09-S-081810	8/18/2010	Chrysene	0.29	mg/Kg	J
ML-07-S-081610	8/16/2010	Chrysene	0.29	mg/Kg	
ML-10-S-082610	8/26/2010	Chrysene	0.26	mg/Kg	J
ML-10-S-082610	8/26/2010	Chrysene	0.26	mg/Kg	J
ML-10-S-082410	8/24/2010	Chrysene	0.26	mg/Kg	J
ML-10-S-082410	8/24/2010	Chrysene	0.26	mg/Kg	J
ML-09-S-082410	8/24/2010	Chrysene	0.25	mg/Kg	J
ML-06-S-082010	8/20/2010	Chrysene	0.24	mg/Kg	
ML-09-S-082510	8/25/2010	Chrysene	0.21	mg/Kg	
ML-08-S-082410	8/24/2010	Chrysene	0.21	mg/Kg	J
ML-08-S-082110	8/21/2010	Chrysene	0.17	mg/Kg	
SEE10211035JDF1	10/21/2010	cis-1,2-Dichloroethene	1200	ug/Kg	U
SEE10221110JDF1	10/22/2010	cis-1,2-Dichloroethene	1100	ug/Kg	U
SEE10221110JDF1	10/22/2010	cis-1,2-Dichloroethene	1100	ug/Kg	U
SEE10211430JDF1	10/21/2010	cis-1,2-Dichloroethene	1100	ug/Kg	U
SEE10191005JDF1	10/19/2010	cis-1,2-Dichloroethene	1100	ug/Kg	U
SEE10191515JDF1	10/19/2010	cis-1,2-Dichloroethene	1100	ug/Kg	U
SEE10191415JDF1	10/19/2010	cis-1,2-Dichloroethene	1000	ug/Kg	U
SEE10191155JDF1	10/19/2010	cis-1,2-Dichloroethene	970	ug/Kg	U
SEE10191100JDF1	10/19/2010	cis-1,2-Dichloroethene	950	ug/Kg	U
SEE10211010JWP1	10/21/2010	cis-1,2-Dichloroethene	940	ug/Kg	U
SEE10221055DWS1	10/22/2010	cis-1,2-Dichloroethene	910	ug/Kg	U
SEE10191010JWP1	10/19/2010	cis-1,2-Dichloroethene	900	ug/Kg	U
SEE10221450DWS1	10/22/2010	cis-1,2-Dichloroethene	490	ug/Kg	U
SEE10211345JWP1	10/21/2010	cis-1,2-Dichloroethene	440	ug/Kg	U
SEF10221050MAE3	10/22/2010	cis-1,2-Dichloroethene	310	ug/Kg	U
SEF10191135NAC3	10/19/2010	cis-1,2-Dichloroethene	300	ug/Kg	U
SEE10191115JWP1	10/19/2010	cis-1,2-Dichloroethene	270	ug/Kg	U
SEE10141015JDF1	10/14/2010	cis-1,2-Dichloroethene	140	ug/Kg	U
SEE09200945PML1	9/20/2010	cis-1,2-Dichloroethene	60	ug/Kg	U
SEE09200945PML1	9/20/2010	cis-1,2-Dichloroethene	60	ug/Kg	U
SEE09201115RCM1	9/20/2010	cis-1,2-Dichloroethene	58	ug/Kg	U
SEE09201645ARM1	9/20/2010	cis-1,2-Dichloroethene	48	ug/Kg	U
SEE10071042RCM1	10/7/2010	cis-1,2-Dichloroethene	45	ug/Kg	U
SEE09061500PML1	9/6/2010	cis-1,2-Dichloroethene	45	ug/Kg	U
SEE08281607TWH1	8/28/2010	cis-1,2-Dichloroethene	44	ug/kg	U
SEE09301105JDF1	9/30/2010	cis-1,2-Dichloroethene	42	ug/Kg	U
SEE09181705PML1	9/18/2010	cis-1,2-Dichloroethene	42	ug/Kg	U
SEE09021400PML1	9/2/2010	cis-1,2-Dichloroethene	41	ug/Kg	U
SEE08301130PML1	8/30/2010	cis-1,2-Dichloroethene	41	ug/Kg	U
SEE10091401PML1	10/9/2010	cis-1,2-Dichloroethene	40	ug/Kg	U
SEE10181035JDF1	10/18/2010	cis-1,2-Dichloroethene	39	ug/Kg	U
SEE10051125PML1	10/5/2010	cis-1,2-Dichloroethene	39	ug/Kg	U
SEE08311045PML1	8/31/2010	cis-1,2-Dichloroethene	39	ug/Kg	U
SEE10141555ARM1	10/14/2010	cis-1,2-Dichloroethene	38	ug/Kg	U
SEE09101215PML1	9/10/2010	cis-1,2-Dichloroethene	38	ug/Kg	U
SEE10161530JDF1	10/16/2010	cis-1,2-Dichloroethene	37	ug/Kg	U

**TABLE B-2b**  
**Upstream Sediment Samples (Morrow Lake)**

Sample ID	Sample Date	Analyte	Result	Unit	Data Qualifier
SEE10081115PML1	10/8/2010	cis-1,2-Dichloroethene	37	ug/Kg	U
SEE09030925PML1	9/3/2010	cis-1,2-Dichloroethene	37	ug/Kg	U
SEE09031115JAW1	9/3/2010	cis-1,2-Dichloroethene	37	ug/Kg	U
SEE08281505PML1	8/28/2010	cis-1,2-Dichloroethene	37	ug/kg	U
SEE10171410JDF1	10/17/2010	cis-1,2-Dichloroethene	36	ug/Kg	U
SEE09191530PML1	9/19/2010	cis-1,2-Dichloroethene	36	ug/Kg	U
SEE09181235PML1	9/18/2010	cis-1,2-Dichloroethene	36	ug/Kg	U
SEE09141135PML1	9/14/2010	cis-1,2-Dichloroethene	36	ug/Kg	U
SEE09101022PML1	9/10/2010	cis-1,2-Dichloroethene	36	ug/Kg	U
SEE10171115JDF1	10/17/2010	cis-1,2-Dichloroethene	35	ug/Kg	U
SEE08311420PML1	8/31/2010	cis-1,2-Dichloroethene	35	ug/Kg	U
SEE08311420PML1	8/31/2010	cis-1,2-Dichloroethene	35	ug/Kg	U
SEE08271215PML1	8/27/2010	cis-1,2-Dichloroethene	35	ug/kg	U
SEE10041530JDF1	10/4/2010	cis-1,2-Dichloroethene	34	ug/Kg	U
SEE09121105RCM1	9/12/2010	cis-1,2-Dichloroethene	34	ug/Kg	U
SEE09011545PML1	9/1/2010	cis-1,2-Dichloroethene	34	ug/Kg	U
SEE08301550PML1	8/30/2010	cis-1,2-Dichloroethene	34	ug/Kg	U
SEE10181210JDF1	10/18/2010	cis-1,2-Dichloroethene	33	ug/Kg	U
SEE10181430JWP1	10/18/2010	cis-1,2-Dichloroethene	33	ug/Kg	U
SEE10181510JDF1	10/18/2010	cis-1,2-Dichloroethene	33	ug/Kg	U
SEE10181510JDF1	10/18/2010	cis-1,2-Dichloroethene	33	ug/Kg	U
SEE10131150JDF1	10/13/2010	cis-1,2-Dichloroethene	33	ug/Kg	U
SEE10101010PML1	10/10/2010	cis-1,2-Dichloroethene	33	ug/Kg	U
SEE10101215PML1	10/10/2010	cis-1,2-Dichloroethene	33	ug/Kg	U
SEE10101215PML1	10/10/2010	cis-1,2-Dichloroethene	33	ug/Kg	U
SEE09140945PML1	9/14/2010	cis-1,2-Dichloroethene	33	ug/Kg	U
SEE09061525MHS1	9/6/2010	cis-1,2-Dichloroethene	33	ug/Kg	U
SEE09051130PML1	9/5/2010	cis-1,2-Dichloroethene	33	ug/Kg	U
SEE09031100PML1	9/3/2010	cis-1,2-Dichloroethene	33	ug/Kg	U
SEE09021010PML1	9/2/2010	cis-1,2-Dichloroethene	33	ug/Kg	U
SEE08281630RCM1	8/28/2010	cis-1,2-Dichloroethene	33	ug/kg	U
SEE10031115JDF1	10/3/2010	cis-1,2-Dichloroethene	32	ug/Kg	U
SEE10031115JDF1	10/3/2010	cis-1,2-Dichloroethene	32	ug/Kg	U
SEE09301205RCM1	9/30/2010	cis-1,2-Dichloroethene	32	ug/Kg	U
SEE09301255JDF1	9/30/2010	cis-1,2-Dichloroethene	32	ug/Kg	U
SEE09231645JDF1	9/23/2010	cis-1,2-Dichloroethene	32	ug/Kg	U
SEE09141515PML1	9/14/2010	cis-1,2-Dichloroethene	32	ug/Kg	U
SEE09101625PML1	9/10/2010	cis-1,2-Dichloroethene	32	ug/Kg	U
SEE09091005RCM1	9/9/2010	cis-1,2-Dichloroethene	32	ug/Kg	U
SEE09061105PML1	9/6/2010	cis-1,2-Dichloroethene	32	ug/Kg	U
SEE09031650PML1	9/3/2010	cis-1,2-Dichloroethene	32	ug/Kg	U
SEE09031650PML1	9/3/2010	cis-1,2-Dichloroethene	32	ug/Kg	U
SEE10081231PML1	10/8/2010	cis-1,2-Dichloroethene	31	ug/Kg	U
SEE09231210JDF1	9/23/2010	cis-1,2-Dichloroethene	31	ug/Kg	U
SEE09161045PML1	9/16/2010	cis-1,2-Dichloroethene	31	ug/Kg	U
SEE09081205PML1	9/8/2010	cis-1,2-Dichloroethene	31	ug/Kg	U
SEE09071050PML1	9/7/2010	cis-1,2-Dichloroethene	31	ug/Kg	U
SEE08301145MHS1	8/30/2010	cis-1,2-Dichloroethene	31	ug/Kg	U
SEE10161115ARM1	10/16/2010	cis-1,2-Dichloroethene	30	ug/Kg	U
SEE10120930JDF1	10/12/2010	cis-1,2-Dichloroethene	30	ug/Kg	U
SEE10071101PML1	10/7/2010	cis-1,2-Dichloroethene	30	ug/Kg	U
SEE09261625JDF1	9/26/2010	cis-1,2-Dichloroethene	30	ug/Kg	U
SEE09261625JDF1	9/26/2010	cis-1,2-Dichloroethene	30	ug/Kg	U
SEE09131445RCM1	9/13/2010	cis-1,2-Dichloroethene	30	ug/Kg	U
SEE09121055PML1	9/12/2010	cis-1,2-Dichloroethene	30	ug/Kg	U
SEE09121055PML1	9/12/2010	cis-1,2-Dichloroethene	30	ug/Kg	U
SEE09121436RCM1	9/12/2010	cis-1,2-Dichloroethene	30	ug/Kg	U
SEE09091410RCM1	9/9/2010	cis-1,2-Dichloroethene	30	ug/Kg	U
SEE09011050PML1	9/1/2010	cis-1,2-Dichloroethene	30	ug/Kg	U
SEE10081051RCM1	10/8/2010	cis-1,2-Dichloroethene	29	ug/Kg	U

**TABLE B-2b**  
**Upstream Sediment Samples (Morrow Lake)**

Sample ID	Sample Date	Analyte	Result	Unit	Data Qualifier
SEE10061640PML1	10/6/2010	cis-1,2-Dichloroethene	29	ug/Kg	U
SEE10061640PML1	10/6/2010	cis-1,2-Dichloroethene	29	ug/Kg	U
SEE10051653PML1	10/5/2010	cis-1,2-Dichloroethene	29	ug/Kg	U
SEE09261215JDF1	9/26/2010	cis-1,2-Dichloroethene	29	ug/Kg	U
SEE09231130ARM1	9/23/2010	cis-1,2-Dichloroethene	29	ug/Kg	U
SEE09191040PML1	9/19/2010	cis-1,2-Dichloroethene	29	ug/Kg	U
SEE09131026RCM1	9/13/2010	cis-1,2-Dichloroethene	29	ug/Kg	U
SEE09131505PML1	9/13/2010	cis-1,2-Dichloroethene	29	ug/Kg	U
SEE09040950PML1	9/4/2010	cis-1,2-Dichloroethene	29	ug/Kg	U
SEE10011120JDF1	10/1/2010	cis-1,2-Dichloroethene	28	ug/Kg	U
SEE09211155JDF1	9/21/2010	cis-1,2-Dichloroethene	28	ug/Kg	U
SEE09171415PML1	9/17/2010	cis-1,2-Dichloroethene	28	ug/Kg	U
SEE09151145PML1	9/15/2010	cis-1,2-Dichloroethene	28	ug/Kg	U
SEE09151145PML1	9/15/2010	cis-1,2-Dichloroethene	28	ug/Kg	U
SEE09131620PML1	9/13/2010	cis-1,2-Dichloroethene	28	ug/Kg	U
SEE09121450PML1	9/12/2010	cis-1,2-Dichloroethene	28	ug/Kg	U
SEE09091515PML1	9/9/2010	cis-1,2-Dichloroethene	28	ug/Kg	U
SEE09081010PML1	9/8/2010	cis-1,2-Dichloroethene	28	ug/Kg	U
SEE09081020RCM1	9/8/2010	cis-1,2-Dichloroethene	28	ug/Kg	U
SEE09011255PML1	9/1/2010	cis-1,2-Dichloroethene	28	ug/Kg	U
SEE08301015JRP1	8/30/2010	cis-1,2-Dichloroethene	28	ug/Kg	U
SEE08261420RCM1	8/26/2010	cis-1,2-Dichloroethene	28	ug/kg	U
SEE10091614PML1	10/9/2010	cis-1,2-Dichloroethene	27	ug/Kg	U
SEE10061205PML1	10/6/2010	cis-1,2-Dichloroethene	27	ug/Kg	U
SEE10041150JDF1	10/4/2010	cis-1,2-Dichloroethene	27	ug/Kg	U
SEE09251135JDF1	9/25/2010	cis-1,2-Dichloroethene	27	ug/Kg	U
SEE09221440JDF1	9/22/2010	cis-1,2-Dichloroethene	27	ug/Kg	U
SEE09170839RCM1	9/17/2010	cis-1,2-Dichloroethene	27	ug/Kg	U
SEE09151015PML1	9/15/2010	cis-1,2-Dichloroethene	27	ug/Kg	U
SEE08291110PML1	8/29/2010	cis-1,2-Dichloroethene	27	ug/kg	U
SEE10141150JDF1	10/14/2010	cis-1,2-Dichloroethene	26	ug/Kg	U
SEE10141550JDF1	10/14/2010	cis-1,2-Dichloroethene	26	ug/Kg	U
SEE10141550JDF1	10/14/2010	cis-1,2-Dichloroethene	26	ug/Kg	U
SEE10121155JDF1	10/12/2010	cis-1,2-Dichloroethene	26	ug/Kg	U
SEE09271130JDF1	9/27/2010	cis-1,2-Dichloroethene	26	ug/Kg	U
SEE09131125PML1	9/13/2010	cis-1,2-Dichloroethene	26	ug/Kg	U
SEE09091010PML1	9/9/2010	cis-1,2-Dichloroethene	26	ug/Kg	U
SEE09091145PML1	9/9/2010	cis-1,2-Dichloroethene	26	ug/Kg	U
SEE09091410PML1	9/9/2010	cis-1,2-Dichloroethene	26	ug/Kg	U
SEE09061130MHS1	9/6/2010	cis-1,2-Dichloroethene	26	ug/Kg	U
SEE09011145PML1	9/1/2010	cis-1,2-Dichloroethene	26	ug/Kg	U
SEE08301638MHS1	8/30/2010	cis-1,2-Dichloroethene	26	ug/Kg	U
SEE10151055ARM1	10/15/2010	cis-1,2-Dichloroethene	25	ug/Kg	U
SEE10121415ARM1	10/12/2010	cis-1,2-Dichloroethene	25	ug/Kg	U
SEE10111125JDF1	10/11/2010	cis-1,2-Dichloroethene	25	ug/Kg	U
SEE10031425JDF1	10/3/2010	cis-1,2-Dichloroethene	25	ug/Kg	U
SEE09291035JDF1	9/29/2010	cis-1,2-Dichloroethene	25	ug/Kg	U
SEE09220935RCM1	9/22/2010	cis-1,2-Dichloroethene	25	ug/Kg	U
SEE09111015PML1	9/11/2010	cis-1,2-Dichloroethene	25	ug/Kg	U
SEE09051015PML1	9/5/2010	cis-1,2-Dichloroethene	25	ug/Kg	U
SEE08301445JRP1	8/30/2010	cis-1,2-Dichloroethene	25	ug/Kg	U
SEE10161415JDF1	10/16/2010	cis-1,2-Dichloroethene	24	ug/Kg	U
SEE10040945JDF1	10/4/2010	cis-1,2-Dichloroethene	24	ug/Kg	U
SEE09230955RCM1	9/23/2010	cis-1,2-Dichloroethene	24	ug/Kg	U
SEE09211530JDF1	9/21/2010	cis-1,2-Dichloroethene	24	ug/Kg	U
SEE09170945PML1	9/17/2010	cis-1,2-Dichloroethene	24	ug/Kg	U
SEE09171125PML1	9/17/2010	cis-1,2-Dichloroethene	24	ug/Kg	U
SEE09130955JRP1	9/13/2010	cis-1,2-Dichloroethene	24	ug/Kg	U
SEE09091605PML1	9/9/2010	cis-1,2-Dichloroethene	24	ug/Kg	U
SEE09041350PML1	9/4/2010	cis-1,2-Dichloroethene	24	ug/Kg	U

**TABLE B-2b**  
**Upstream Sediment Samples (Morrow Lake)**

Sample ID	Sample Date	Analyte	Result	Unit	Data Qualifier
SEE10071205PML1	10/7/2010	cis-1,2-Dichloroethene	23	ug/Kg	U
SEE10071540PML1	10/7/2010	cis-1,2-Dichloroethene	23	ug/Kg	U
SEE10041335JDF1	10/4/2010	cis-1,2-Dichloroethene	23	ug/Kg	U
SEE09271025ARM1	9/27/2010	cis-1,2-Dichloroethene	23	ug/Kg	U
SEE09171530PML1	9/17/2010	cis-1,2-Dichloroethene	23	ug/Kg	U
SEE09051430PML1	9/5/2010	cis-1,2-Dichloroethene	23	ug/Kg	U
SEE08271500PML1	8/27/2010	cis-1,2-Dichloroethene	23	ug/kg	U
SEE10150945JDF1	10/15/2010	cis-1,2-Dichloroethene	22	ug/Kg	U
SEE10111011JDF1	10/11/2010	cis-1,2-Dichloroethene	22	ug/Kg	U
SEE10111350JDF1	10/11/2010	cis-1,2-Dichloroethene	22	ug/Kg	U
SEE10061051RCM1	10/6/2010	cis-1,2-Dichloroethene	22	ug/Kg	U
SEE10041355ARM1	10/4/2010	cis-1,2-Dichloroethene	22	ug/Kg	U
SEE09271515JDF1	9/27/2010	cis-1,2-Dichloroethene	22	ug/Kg	U
SEE09221105JDF1	9/22/2010	cis-1,2-Dichloroethene	22	ug/Kg	U
SEE09130940PML1	9/13/2010	cis-1,2-Dichloroethene	22	ug/Kg	U
SEE08281215PML1	8/28/2010	cis-1,2-Dichloroethene	22	ug/kg	U
SEE10121030JDF1	10/12/2010	cis-1,2-Dichloroethene	21	ug/Kg	U
SEE09290925JDF1	9/29/2010	cis-1,2-Dichloroethene	21	ug/Kg	U
SEE09091025JRP1	9/9/2010	cis-1,2-Dichloroethene	21	ug/Kg	U
SEE09011635PML1	9/1/2010	cis-1,2-Dichloroethene	21	ug/Kg	U
SEE08301520JRP1	8/30/2010	cis-1,2-Dichloroethene	21	ug/Kg	U
SEE08281420TWH1	8/28/2010	cis-1,2-Dichloroethene	21	ug/kg	U
SEE08261445JRP1	8/26/2010	cis-1,2-Dichloroethene	21	ug/Kg	U
SEE10161055JDF1	10/16/2010	cis-1,2-Dichloroethene	20	ug/Kg	U
SEE10151355ARM1	10/15/2010	cis-1,2-Dichloroethene	20	ug/Kg	U
SEE10071415ARM1	10/7/2010	cis-1,2-Dichloroethene	20	ug/Kg	U
SEE09031140MHS1	9/3/2010	cis-1,2-Dichloroethene	20	ug/Kg	U
SEE08291421KAP1	8/29/2010	cis-1,2-Dichloroethene	20	ug/kg	U
SEE08271145RCM1	8/27/2010	cis-1,2-Dichloroethene	20	ug/kg	U
SEE10041050JDF1	10/4/2010	cis-1,2-Dichloroethene	19	ug/Kg	U
SEE09301255MAE1	9/30/2010	cis-1,2-Dichloroethene	19	ug/Kg	U
SEE09291645JDF1	9/29/2010	cis-1,2-Dichloroethene	19	ug/Kg	U
SEE09051550MHS1	9/5/2010	cis-1,2-Dichloroethene	19	ug/Kg	U
SEE09031645MHS1	9/3/2010	cis-1,2-Dichloroethene	19	ug/Kg	U
SEE10041138RCM1	10/4/2010	cis-1,2-Dichloroethene	18	ug/Kg	U
SEE09221615JDF1	9/22/2010	cis-1,2-Dichloroethene	18	ug/Kg	U
SEE09191445RCM1	9/19/2010	cis-1,2-Dichloroethene	18	ug/Kg	U
SEE08311010JRP1	8/31/2010	cis-1,2-Dichloroethene	18	ug/Kg	U
SEE09250905RCM1	9/25/2010	cis-1,2-Dichloroethene	17	ug/Kg	U
SEE09200911RCM1	9/20/2010	cis-1,2-Dichloroethene	17	ug/Kg	U
SEE09090900JRP1	9/9/2010	cis-1,2-Dichloroethene	17	ug/Kg	U
SEE09011545MHS1	9/1/2010	cis-1,2-Dichloroethene	17	ug/Kg	U
SEE08281510TWH1	8/28/2010	cis-1,2-Dichloroethene	17	ug/kg	U
SEE10170915JDF1	10/17/2010	cis-1,2-Dichloroethene	16	ug/Kg	U
SEE09291135JDF1	9/29/2010	cis-1,2-Dichloroethene	16	ug/Kg	U
SEE09260930RCM1	9/26/2010	cis-1,2-Dichloroethene	16	ug/Kg	U
SEE09201110ARM1	9/20/2010	cis-1,2-Dichloroethene	15	ug/Kg	U
SEE08301530JAW1	8/30/2010	cis-1,2-Dichloroethene	15	ug/Kg	U
SEE08291550KAP1	8/29/2010	cis-1,2-Dichloroethene	15	ug/kg	U
SEE10071151RCM1	10/7/2010	cis-1,2-Dichloroethene	14	ug/Kg	U
SEE09211112RCM1	9/21/2010	cis-1,2-Dichloroethene	14	ug/Kg	U
SEE08311348MHS1	8/31/2010	cis-1,2-Dichloroethene	14	ug/Kg	U
SEE08300920JRP1	8/30/2010	cis-1,2-Dichloroethene	14	ug/Kg	U
SEE08261620RCM1	8/26/2010	cis-1,2-Dichloroethene	14	ug/kg	U
SEE10141025ARM1	10/14/2010	cis-1,2-Dichloroethene	12	ug/Kg	U
SEE09130915JRP1	9/13/2010	cis-1,2-Dichloroethene	12	ug/Kg	U
SEE10091200ARM1	10/9/2010	cis-1,2-Dichloroethene	11	ug/Kg	U
SEE09291023RCM1	9/29/2010	cis-1,2-Dichloroethene	11	ug/Kg	U
SEE09171445RCM1	9/17/2010	cis-1,2-Dichloroethene	11	ug/Kg	U
SEE09161035RCM1	9/16/2010	cis-1,2-Dichloroethene	11	ug/Kg	U

**TABLE B-2b**  
**Upstream Sediment Samples (Morrow Lake)**

Sample ID	Sample Date	Analyte	Result	Unit	Data Qualifier
SEE09141312RCM1	9/14/2010	cis-1,2-Dichloroethene	10	ug/Kg	U
SEE08291445PML1	8/29/2010	cis-1,2-Dichloroethene	10	ug/kg	U
SEE08291354KAP1	8/29/2010	cis-1,2-Dichloroethene	9.3	ug/kg	U
SEE10051415ARM1	10/5/2010	cis-1,2-Dichloroethene	8.7	ug/Kg	U
SEE09061610JAW1	9/6/2010	cis-1,2-Dichloroethene	8.5	ug/Kg	U
SEE10011125ARM1	10/1/2010	cis-1,2-Dichloroethene	8.2	ug/Kg	U
SEE08261700JRP1	8/26/2010	cis-1,2-Dichloroethene	8.2	ug/Kg	U
SEE09051500MHS1	9/5/2010	cis-1,2-Dichloroethene	8.0	ug/Kg	U
SEE10171535ARM1	10/17/2010	cis-1,2-Dichloroethene	7.9	ug/Kg	U
SEE09231035ARM1	9/23/2010	cis-1,2-Dichloroethene	7.9	ug/Kg	U
SEE09171200ARM1	9/17/2010	cis-1,2-Dichloroethene	7.9	ug/Kg	U
SEE08271614TWH1	8/27/2010	cis-1,2-Dichloroethene	7.8	ug/kg	U
SEE10081035ARM1	10/8/2010	cis-1,2-Dichloroethene	7.6	ug/Kg	U
SEE08271652TWH1	8/27/2010	cis-1,2-Dichloroethene	7.6	ug/kg	U
SEE09100945RCM1	9/10/2010	cis-1,2-Dichloroethene	7.5	ug/Kg	U
SEE09211120ARM1	9/21/2010	cis-1,2-Dichloroethene	7.4	ug/Kg	U
SEB09011143JLS1	9/1/2010	cis-1,2-Dichloroethene	7.1	ug/Kg	U
SEE08301410JRP1	8/30/2010	cis-1,2-Dichloroethene	7.0	ug/Kg	U
SEE09281445RCM1	9/28/2010	cis-1,2-Dichloroethene	6.5	ug/Kg	U
SEE08271536TWH1	8/27/2010	cis-1,2-Dichloroethene	6.3	ug/kg	U
SEE09271500ARM1	9/27/2010	cis-1,2-Dichloroethene	6.2	ug/Kg	U
SEE09170935RCM1	9/17/2010	cis-1,2-Dichloroethene	6.1	ug/Kg	U
SEF10011045TDF1	10/1/2010	cis-1,2-Dichloroethene	6.0	ug/Kg	U
SEE09150915JRP1	9/15/2010	cis-1,2-Dichloroethene	6.0	ug/Kg	U
SEE10011043RCM1	10/1/2010	cis-1,2-Dichloroethene	5.8	ug/Kg	U
SEE09290915MAE1	9/29/2010	cis-1,2-Dichloroethene	5.8	ug/Kg	U
SEE10131035ARM1	10/13/2010	cis-1,2-Dichloroethene	5.5	ug/Kg	U
SEE10071045ARM1	10/7/2010	cis-1,2-Dichloroethene	5.5	ug/Kg	U
SEE10041045ARM1	10/4/2010	cis-1,2-Dichloroethene	5.5	ug/Kg	U
SEF10151030PMB3	10/15/2010	cis-1,2-Dichloroethene	5.4	ug/Kg	U
SEF10081108TDF3	10/8/2010	cis-1,2-Dichloroethene	5.4	ug/Kg	U
SEE09251235ARM1	9/25/2010	cis-1,2-Dichloroethene	5.4	ug/Kg	U
SEE08281540JRP1	8/28/2010	cis-1,2-Dichloroethene	5.4	ug/kg	U
SEF10051206TDF3	10/5/2010	cis-1,2-Dichloroethene	5.3	ug/Kg	U
SEE09140945JRP1	9/14/2010	cis-1,2-Dichloroethene	5.3	ug/Kg	U
SEE09080930JRP1	9/8/2010	cis-1,2-Dichloroethene	5.3	ug/Kg	U
SEE09011515JAW1	9/1/2010	cis-1,2-Dichloroethene	5.3	ug/Kg	U
SEE08301100JRP1	8/30/2010	cis-1,2-Dichloroethene	5.3	ug/Kg	U
SEE10121040ARM1	10/12/2010	cis-1,2-Dichloroethene	5.2	ug/Kg	U
SEF10121130PMB3	10/12/2010	cis-1,2-Dichloroethene	5.2	ug/Kg	U
SEE09221045ARM1	9/22/2010	cis-1,2-Dichloroethene	5.2	ug/Kg	U
SEE09100920JRP1	9/10/2010	cis-1,2-Dichloroethene	5.1	ug/Kg	U
SEB08281400JLS1	8/28/2010	cis-1,2-Dichloroethene	5.1	ug/kg	U
SEE09301025MAE1	9/30/2010	cis-1,2-Dichloroethene	5.0	ug/Kg	U
SEE09051500JAW1	9/5/2010	cis-1,2-Dichloroethene	5.0	ug/Kg	U
SEE10051145RCM1	10/5/2010	cis-1,2-Dichloroethene	4.9	ug/Kg	U
SEE09070930JRP1	9/7/2010	cis-1,2-Dichloroethene	4.9	ug/Kg	U
SEE10061135ARM1	10/6/2010	cis-1,2-Dichloroethene	4.8	ug/Kg	U
SEE10181030JWP1	10/18/2010	cis-1,2-Dichloroethene	4.6	ug/Kg	U
SEF09281139TDF1	9/28/2010	cis-1,2-Dichloroethene	4.3	ug/Kg	U
SEE09231205RCM1	9/23/2010	cis-1,2-Dichloroethene	3.3	ug/Kg	U
SEE08271445JRP1	8/27/2010	cis-1,2-Dichloroethene	2.8	ug/kg	U
ML-07-S-082510	8/25/2010	cis-1,2-Dichloroethene	0.73	mg/Kg	U
ML-03-S-082510	8/25/2010	cis-1,2-Dichloroethene	0.43	mg/Kg	U
ML-06-S-082510	8/25/2010	cis-1,2-Dichloroethene	0.42	mg/Kg	U
ML-07-S-082410	8/24/2010	cis-1,2-Dichloroethene	0.41	mg/Kg	UJ
ML-06-S-082010	8/20/2010	cis-1,2-Dichloroethene	0.38	mg/Kg	U
ML-08-S-082510	8/25/2010	cis-1,2-Dichloroethene	0.37	mg/Kg	U
ML-08-S-082410	8/24/2010	cis-1,2-Dichloroethene	0.37	mg/Kg	UJ
ML-06-S-082310	8/23/2010	cis-1,2-Dichloroethene	0.37	mg/Kg	U

**TABLE B-2b**  
**Upstream Sediment Samples (Morrow Lake)**

Sample ID	Sample Date	Analyte	Result	Unit	Data Qualifier
ML-07-S-082110	8/21/2010	cis-1,2-Dichloroethene	0.37	mg/Kg	U
ML-08-S-082110	8/21/2010	cis-1,2-Dichloroethene	0.37	mg/Kg	U
ML-10-S-082110	8/21/2010	cis-1,2-Dichloroethene	0.37	mg/Kg	U
ML-10-S-082110	8/21/2010	cis-1,2-Dichloroethene	0.37	mg/Kg	U
ML-10-S-081910	8/19/2010	cis-1,2-Dichloroethene	0.37	mg/Kg	U
ML-10-S-081910	8/19/2010	cis-1,2-Dichloroethene	0.37	mg/Kg	U
ML-07-S-081810	8/18/2010	cis-1,2-Dichloroethene	0.37	mg/Kg	UJ
ML-09-S-081810	8/18/2010	cis-1,2-Dichloroethene	0.37	mg/Kg	UJ
ML-10-S-082410	8/24/2010	cis-1,2-Dichloroethene	0.36	mg/Kg	UJ
ML-10-S-082410	8/24/2010	cis-1,2-Dichloroethene	0.36	mg/Kg	UJ
ML-01-S-081610	8/16/2010	cis-1,2-Dichloroethene	0.35	mg/Kg	U
ML-10-S-081610	8/16/2010	cis-1,2-Dichloroethene	0.35	mg/Kg	U
ML-10-S-081610	8/16/2010	cis-1,2-Dichloroethene	0.35	mg/Kg	U
ML-04-S-082410	8/24/2010	cis-1,2-Dichloroethene	0.34	mg/Kg	UJ
ML-03-S-082310	8/23/2010	cis-1,2-Dichloroethene	0.34	mg/Kg	U
ML-10-S-082110-D	8/21/2010	cis-1,2-Dichloroethene	0.34	mg/Kg	U
ML-10-S-082110-D	8/21/2010	cis-1,2-Dichloroethene	0.34	mg/Kg	U
ML-07-S-081610	8/16/2010	cis-1,2-Dichloroethene	0.34	mg/Kg	U
ML-08-S-081610-D	8/16/2010	cis-1,2-Dichloroethene	0.34	mg/Kg	U
ML-04-S-082610	8/26/2010	cis-1,2-Dichloroethene	0.33	mg/Kg	U
ML-05-S-082310	8/23/2010	cis-1,2-Dichloroethene	0.33	mg/Kg	U
ML-05-S-082010	8/20/2010	cis-1,2-Dichloroethene	0.33	mg/Kg	U
ML-10-S-082610	8/26/2010	cis-1,2-Dichloroethene	0.32	mg/Kg	U
ML-10-S-082610	8/26/2010	cis-1,2-Dichloroethene	0.32	mg/Kg	U
ML-06-S-081710	8/17/2010	cis-1,2-Dichloroethene	0.32	mg/Kg	U
ML-08-S-081610	8/16/2010	cis-1,2-Dichloroethene	0.32	mg/Kg	U
ML-01-S-082510	8/25/2010	cis-1,2-Dichloroethene	0.31	mg/Kg	U
ML-09-S-082510	8/25/2010	cis-1,2-Dichloroethene	0.31	mg/Kg	U
ML-09-S-082410	8/24/2010	cis-1,2-Dichloroethene	0.31	mg/Kg	UJ
ML-02-S-081710	8/17/2010	cis-1,2-Dichloroethene	0.31	mg/Kg	U
ML-02-S-082510	8/25/2010	cis-1,2-Dichloroethene	0.28	mg/Kg	U
ML-09-S-082110	8/21/2010	cis-1,2-Dichloroethene	0.28	mg/Kg	U
ML-01-S-082110	8/21/2010	cis-1,2-Dichloroethene	0.27	mg/Kg	U
ML-04-S-081710	8/17/2010	cis-1,2-Dichloroethene	0.27	mg/Kg	U
ML-05-S-081710	8/17/2010	cis-1,2-Dichloroethene	0.27	mg/Kg	U
ML-02-S-082310	8/23/2010	cis-1,2-Dichloroethene	0.25	mg/Kg	U
ML-04-S-082010	8/20/2010	cis-1,2-Dichloroethene	0.25	mg/Kg	U
ML-01-S-081910	8/19/2010	cis-1,2-Dichloroethene	0.25	mg/Kg	U
ML-02-S-082010	8/20/2010	cis-1,2-Dichloroethene	0.22	mg/Kg	U
ML-03-S-081610	8/16/2010	cis-1,2-Dichloroethene	0.22	mg/Kg	U
ML-03-S-082010	8/20/2010	cis-1,2-Dichloroethene	0.19	mg/Kg	U
ML-05-S-082610	8/26/2010	cis-1,2-Dichloroethene	0.17	mg/Kg	U
SEE10211035JDF1	10/21/2010	cis-1,3-Dichloropropene	620	ug/Kg	U
SEE10191515JDF1	10/19/2010	cis-1,3-Dichloropropene	560	ug/Kg	U
SEE10211430JDF1	10/21/2010	cis-1,3-Dichloropropene	540	ug/Kg	U
SEE10191005JDF1	10/19/2010	cis-1,3-Dichloropropene	540	ug/Kg	U
SEE10221110JDF1	10/22/2010	cis-1,3-Dichloropropene	530	ug/Kg	U
SEE10221110JDF1	10/22/2010	cis-1,3-Dichloropropene	530	ug/Kg	U
SEE10191415JDF1	10/19/2010	cis-1,3-Dichloropropene	510	ug/Kg	U
SEE10191155JDF1	10/19/2010	cis-1,3-Dichloropropene	490	ug/Kg	U
SEE10211010JWP1	10/21/2010	cis-1,3-Dichloropropene	470	ug/Kg	U
SEE10191100JDF1	10/19/2010	cis-1,3-Dichloropropene	470	ug/Kg	U
SEE10221055DWS1	10/22/2010	cis-1,3-Dichloropropene	450	ug/Kg	U
SEE10191010JWP1	10/19/2010	cis-1,3-Dichloropropene	450	ug/Kg	U
SEE10221450DWS1	10/22/2010	cis-1,3-Dichloropropene	240	ug/Kg	U
SEE10211345JWP1	10/21/2010	cis-1,3-Dichloropropene	220	ug/Kg	U
SEF10221050MAE3	10/22/2010	cis-1,3-Dichloropropene	150	ug/Kg	U
SEF10191135NAC3	10/19/2010	cis-1,3-Dichloropropene	150	ug/Kg	U
SEE10141015JDF1	10/14/2010	cis-1,3-Dichloropropene	140	ug/Kg	U
SEE10191115JWP1	10/19/2010	cis-1,3-Dichloropropene	130	ug/Kg	U



**TABLE B-2b**  
**Upstream Sediment Samples (Morrow Lake)**

Sample ID	Sample Date	Analyte	Result	Unit	Data Qualifier
SEE09200945PML1	9/20/2010	cis-1,3-Dichloropropene	60	ug/Kg	U
SEE09200945PML1	9/20/2010	cis-1,3-Dichloropropene	60	ug/Kg	U
SEE09201115RCM1	9/20/2010	cis-1,3-Dichloropropene	58	ug/Kg	U
SEE09201645ARM1	9/20/2010	cis-1,3-Dichloropropene	48	ug/Kg	U
SEE10071042RCM1	10/7/2010	cis-1,3-Dichloropropene	45	ug/Kg	U
SEE09061500PML1	9/6/2010	cis-1,3-Dichloropropene	45	ug/Kg	U
SEE08281607TWH1	8/28/2010	cis-1,3-Dichloropropene	44	ug/kg	U
SEE09301105JDF1	9/30/2010	cis-1,3-Dichloropropene	42	ug/Kg	U
SEE09181705PML1	9/18/2010	cis-1,3-Dichloropropene	42	ug/Kg	U
SEE09021400PML1	9/2/2010	cis-1,3-Dichloropropene	41	ug/Kg	U
SEE08301130PML1	8/30/2010	cis-1,3-Dichloropropene	41	ug/Kg	U
SEE10091401PML1	10/9/2010	cis-1,3-Dichloropropene	40	ug/Kg	U
SEE10181035JDF1	10/18/2010	cis-1,3-Dichloropropene	39	ug/Kg	U
SEE10051125PML1	10/5/2010	cis-1,3-Dichloropropene	39	ug/Kg	U
SEE08311045PML1	8/31/2010	cis-1,3-Dichloropropene	39	ug/Kg	U
SEE10141555ARM1	10/14/2010	cis-1,3-Dichloropropene	38	ug/Kg	U
SEE09101215PML1	9/10/2010	cis-1,3-Dichloropropene	38	ug/Kg	U
SEE10161530JDF1	10/16/2010	cis-1,3-Dichloropropene	37	ug/Kg	U
SEE10081115PML1	10/8/2010	cis-1,3-Dichloropropene	37	ug/Kg	U
SEE09030925PML1	9/3/2010	cis-1,3-Dichloropropene	37	ug/Kg	U
SEE09031115JAW1	9/3/2010	cis-1,3-Dichloropropene	37	ug/Kg	U
SEE08281505PML1	8/28/2010	cis-1,3-Dichloropropene	37	ug/kg	U
SEE10171410JDF1	10/17/2010	cis-1,3-Dichloropropene	36	ug/Kg	U
SEE09191530PML1	9/19/2010	cis-1,3-Dichloropropene	36	ug/Kg	U
SEE09181235PML1	9/18/2010	cis-1,3-Dichloropropene	36	ug/Kg	U
SEE09141135PML1	9/14/2010	cis-1,3-Dichloropropene	36	ug/Kg	U
SEE09101022PML1	9/10/2010	cis-1,3-Dichloropropene	36	ug/Kg	U
SEE10171115JDF1	10/17/2010	cis-1,3-Dichloropropene	35	ug/Kg	U
SEE08311420PML1	8/31/2010	cis-1,3-Dichloropropene	35	ug/Kg	U
SEE08311420PML1	8/31/2010	cis-1,3-Dichloropropene	35	ug/Kg	U
SEE08271215PML1	8/27/2010	cis-1,3-Dichloropropene	35	ug/kg	U
SEE10041530JDF1	10/4/2010	cis-1,3-Dichloropropene	34	ug/Kg	U
SEE09121105RCM1	9/12/2010	cis-1,3-Dichloropropene	34	ug/Kg	U
SEE09011545PML1	9/1/2010	cis-1,3-Dichloropropene	34	ug/Kg	U
SEE08301550PML1	8/30/2010	cis-1,3-Dichloropropene	34	ug/Kg	U
SEE10181210JDF1	10/18/2010	cis-1,3-Dichloropropene	33	ug/Kg	U
SEE10181430JWP1	10/18/2010	cis-1,3-Dichloropropene	33	ug/Kg	U
SEE10181510JDF1	10/18/2010	cis-1,3-Dichloropropene	33	ug/Kg	U
SEE10181510JDF1	10/18/2010	cis-1,3-Dichloropropene	33	ug/Kg	U
SEE10131150JDF1	10/13/2010	cis-1,3-Dichloropropene	33	ug/Kg	U
SEE10101010PML1	10/10/2010	cis-1,3-Dichloropropene	33	ug/Kg	U
SEE10101215PML1	10/10/2010	cis-1,3-Dichloropropene	33	ug/Kg	U
SEE10101215PML1	10/10/2010	cis-1,3-Dichloropropene	33	ug/Kg	U
SEE09140945PML1	9/14/2010	cis-1,3-Dichloropropene	33	ug/Kg	U
SEE09061525MHS1	9/6/2010	cis-1,3-Dichloropropene	33	ug/Kg	U
SEE09051130PML1	9/5/2010	cis-1,3-Dichloropropene	33	ug/Kg	U
SEE09031100PML1	9/3/2010	cis-1,3-Dichloropropene	33	ug/Kg	U
SEE09021010PML1	9/2/2010	cis-1,3-Dichloropropene	33	ug/Kg	U
SEE08281630RCM1	8/28/2010	cis-1,3-Dichloropropene	33	ug/kg	U
SEE10031115JDF1	10/3/2010	cis-1,3-Dichloropropene	32	ug/Kg	U
SEE10031115JDF1	10/3/2010	cis-1,3-Dichloropropene	32	ug/Kg	U
SEE09301205RCM1	9/30/2010	cis-1,3-Dichloropropene	32	ug/Kg	U
SEE09301255JDF1	9/30/2010	cis-1,3-Dichloropropene	32	ug/Kg	U
SEE09231645JDF1	9/23/2010	cis-1,3-Dichloropropene	32	ug/Kg	U
SEE09141515PML1	9/14/2010	cis-1,3-Dichloropropene	32	ug/Kg	U
SEE09101625PML1	9/10/2010	cis-1,3-Dichloropropene	32	ug/Kg	U
SEE09091005RCM1	9/9/2010	cis-1,3-Dichloropropene	32	ug/Kg	U
SEE09061105PML1	9/6/2010	cis-1,3-Dichloropropene	32	ug/Kg	U
SEE09031650PML1	9/3/2010	cis-1,3-Dichloropropene	32	ug/Kg	U
SEE09031650PML1	9/3/2010	cis-1,3-Dichloropropene	32	ug/Kg	U

**TABLE B-2b**  
**Upstream Sediment Samples (Morrow Lake)**

Sample ID	Sample Date	Analyte	Result	Unit	Data Qualifier
SEE10081231PML1	10/8/2010	cis-1,3-Dichloropropene	31	ug/Kg	U
SEE09231210JDF1	9/23/2010	cis-1,3-Dichloropropene	31	ug/Kg	U
SEE09161045PML1	9/16/2010	cis-1,3-Dichloropropene	31	ug/Kg	U
SEE09081205PML1	9/8/2010	cis-1,3-Dichloropropene	31	ug/Kg	U
SEE09071050PML1	9/7/2010	cis-1,3-Dichloropropene	31	ug/Kg	U
SEE08301145MHS1	8/30/2010	cis-1,3-Dichloropropene	31	ug/Kg	U
SEE10161115ARM1	10/16/2010	cis-1,3-Dichloropropene	30	ug/Kg	U
SEE10120930JDF1	10/12/2010	cis-1,3-Dichloropropene	30	ug/Kg	U
SEE10071101PML1	10/7/2010	cis-1,3-Dichloropropene	30	ug/Kg	U
SEE09261625JDF1	9/26/2010	cis-1,3-Dichloropropene	30	ug/Kg	U
SEE09261625JDF1	9/26/2010	cis-1,3-Dichloropropene	30	ug/Kg	U
SEE09131445RCM1	9/13/2010	cis-1,3-Dichloropropene	30	ug/Kg	U
SEE09121055PML1	9/12/2010	cis-1,3-Dichloropropene	30	ug/Kg	U
SEE09121055PML1	9/12/2010	cis-1,3-Dichloropropene	30	ug/Kg	U
SEE09121436RCM1	9/12/2010	cis-1,3-Dichloropropene	30	ug/Kg	U
SEE09091410RCM1	9/9/2010	cis-1,3-Dichloropropene	30	ug/Kg	U
SEE09011050PML1	9/1/2010	cis-1,3-Dichloropropene	30	ug/Kg	U
SEE10081051RCM1	10/8/2010	cis-1,3-Dichloropropene	29	ug/Kg	U
SEE10061640PML1	10/6/2010	cis-1,3-Dichloropropene	29	ug/Kg	U
SEE10061640PML1	10/6/2010	cis-1,3-Dichloropropene	29	ug/Kg	U
SEE10051653PML1	10/5/2010	cis-1,3-Dichloropropene	29	ug/Kg	U
SEE09261215JDF1	9/26/2010	cis-1,3-Dichloropropene	29	ug/Kg	U
SEE09231130ARM1	9/23/2010	cis-1,3-Dichloropropene	29	ug/Kg	U
SEE09191040PML1	9/19/2010	cis-1,3-Dichloropropene	29	ug/Kg	U
SEE09131026RCM1	9/13/2010	cis-1,3-Dichloropropene	29	ug/Kg	U
SEE09131505PML1	9/13/2010	cis-1,3-Dichloropropene	29	ug/Kg	U
SEE09040950PML1	9/4/2010	cis-1,3-Dichloropropene	29	ug/Kg	U
SEE10011120JDF1	10/1/2010	cis-1,3-Dichloropropene	28	ug/Kg	U
SEE09211155JDF1	9/21/2010	cis-1,3-Dichloropropene	28	ug/Kg	U
SEE09171415PML1	9/17/2010	cis-1,3-Dichloropropene	28	ug/Kg	U
SEE09151145PML1	9/15/2010	cis-1,3-Dichloropropene	28	ug/Kg	U
SEE09151145PML1	9/15/2010	cis-1,3-Dichloropropene	28	ug/Kg	U
SEE09131620PML1	9/13/2010	cis-1,3-Dichloropropene	28	ug/Kg	U
SEE09121450PML1	9/12/2010	cis-1,3-Dichloropropene	28	ug/Kg	U
SEE09091515PML1	9/9/2010	cis-1,3-Dichloropropene	28	ug/Kg	U
SEE09081010PML1	9/8/2010	cis-1,3-Dichloropropene	28	ug/Kg	U
SEE09081020RCM1	9/8/2010	cis-1,3-Dichloropropene	28	ug/Kg	U
SEE09011255PML1	9/1/2010	cis-1,3-Dichloropropene	28	ug/Kg	U
SEE08301015JRP1	8/30/2010	cis-1,3-Dichloropropene	28	ug/Kg	U
SEE08261420RCM1	8/26/2010	cis-1,3-Dichloropropene	28	ug/kg	U
SEE10091614PML1	10/9/2010	cis-1,3-Dichloropropene	27	ug/Kg	U
SEE10061205PML1	10/6/2010	cis-1,3-Dichloropropene	27	ug/Kg	U
SEE10041150JDF1	10/4/2010	cis-1,3-Dichloropropene	27	ug/Kg	U
SEE09251135JDF1	9/25/2010	cis-1,3-Dichloropropene	27	ug/Kg	U
SEE09221440JDF1	9/22/2010	cis-1,3-Dichloropropene	27	ug/Kg	U
SEE09170839RCM1	9/17/2010	cis-1,3-Dichloropropene	27	ug/Kg	U
SEE09151015PML1	9/15/2010	cis-1,3-Dichloropropene	27	ug/Kg	U
SEE08291110PML1	8/29/2010	cis-1,3-Dichloropropene	27	ug/kg	U
SEE10141150JDF1	10/14/2010	cis-1,3-Dichloropropene	26	ug/Kg	U
SEE10141550JDF1	10/14/2010	cis-1,3-Dichloropropene	26	ug/Kg	U
SEE10141550JDF1	10/14/2010	cis-1,3-Dichloropropene	26	ug/Kg	U
SEE10121155JDF1	10/12/2010	cis-1,3-Dichloropropene	26	ug/Kg	U
SEE09271130JDF1	9/27/2010	cis-1,3-Dichloropropene	26	ug/Kg	U
SEE09131125PML1	9/13/2010	cis-1,3-Dichloropropene	26	ug/Kg	U
SEE09091010PML1	9/9/2010	cis-1,3-Dichloropropene	26	ug/Kg	U
SEE09091145PML1	9/9/2010	cis-1,3-Dichloropropene	26	ug/Kg	U
SEE09091410PML1	9/9/2010	cis-1,3-Dichloropropene	26	ug/Kg	U
SEE09061130MHS1	9/6/2010	cis-1,3-Dichloropropene	26	ug/Kg	U
SEE09011145PML1	9/1/2010	cis-1,3-Dichloropropene	26	ug/Kg	U
SEE08301638MHS1	8/30/2010	cis-1,3-Dichloropropene	26	ug/Kg	U

**TABLE B-2b**  
**Upstream Sediment Samples (Morrow Lake)**

Sample ID	Sample Date	Analyte	Result	Unit	Data Qualifier
SEE10151055ARM1	10/15/2010	cis-1,3-Dichloropropene	25	ug/Kg	U
SEE10121415ARM1	10/12/2010	cis-1,3-Dichloropropene	25	ug/Kg	U
SEE10111125JDF1	10/11/2010	cis-1,3-Dichloropropene	25	ug/Kg	U
SEE10031425JDF1	10/3/2010	cis-1,3-Dichloropropene	25	ug/Kg	U
SEE09291035JDF1	9/29/2010	cis-1,3-Dichloropropene	25	ug/Kg	U
SEE09220935RCM1	9/22/2010	cis-1,3-Dichloropropene	25	ug/Kg	U
SEE09111015PML1	9/11/2010	cis-1,3-Dichloropropene	25	ug/Kg	U
SEE09051015PML1	9/5/2010	cis-1,3-Dichloropropene	25	ug/Kg	U
SEE08301445JRP1	8/30/2010	cis-1,3-Dichloropropene	25	ug/Kg	U
SEE10161415JDF1	10/16/2010	cis-1,3-Dichloropropene	24	ug/Kg	U
SEE10040945JDF1	10/4/2010	cis-1,3-Dichloropropene	24	ug/Kg	U
SEE09230955RCM1	9/23/2010	cis-1,3-Dichloropropene	24	ug/Kg	U
SEE09211530JDF1	9/21/2010	cis-1,3-Dichloropropene	24	ug/Kg	U
SEE09170945PML1	9/17/2010	cis-1,3-Dichloropropene	24	ug/Kg	U
SEE09171125PML1	9/17/2010	cis-1,3-Dichloropropene	24	ug/Kg	U
SEE09130955JRP1	9/13/2010	cis-1,3-Dichloropropene	24	ug/Kg	U
SEE09091605PML1	9/9/2010	cis-1,3-Dichloropropene	24	ug/Kg	U
SEE09041350PML1	9/4/2010	cis-1,3-Dichloropropene	24	ug/Kg	U
SEE10071205PML1	10/7/2010	cis-1,3-Dichloropropene	23	ug/Kg	U
SEE10071540PML1	10/7/2010	cis-1,3-Dichloropropene	23	ug/Kg	U
SEE10041335JDF1	10/4/2010	cis-1,3-Dichloropropene	23	ug/Kg	U
SEE09271025ARM1	9/27/2010	cis-1,3-Dichloropropene	23	ug/Kg	U
SEE09171530PML1	9/17/2010	cis-1,3-Dichloropropene	23	ug/Kg	U
SEE09051430PML1	9/5/2010	cis-1,3-Dichloropropene	23	ug/Kg	U
SEE08271500PML1	8/27/2010	cis-1,3-Dichloropropene	23	ug/kg	U
SEE10150945JDF1	10/15/2010	cis-1,3-Dichloropropene	22	ug/Kg	U
SEE10111011JDF1	10/11/2010	cis-1,3-Dichloropropene	22	ug/Kg	U
SEE10111350JDF1	10/11/2010	cis-1,3-Dichloropropene	22	ug/Kg	U
SEE10061051RCM1	10/6/2010	cis-1,3-Dichloropropene	22	ug/Kg	U
SEE10041355ARM1	10/4/2010	cis-1,3-Dichloropropene	22	ug/Kg	U
SEE09271515JDF1	9/27/2010	cis-1,3-Dichloropropene	22	ug/Kg	U
SEE09221105JDF1	9/22/2010	cis-1,3-Dichloropropene	22	ug/Kg	U
SEE09130940PML1	9/13/2010	cis-1,3-Dichloropropene	22	ug/Kg	U
SEE08281215PML1	8/28/2010	cis-1,3-Dichloropropene	22	ug/kg	U
SEE10121030JDF1	10/12/2010	cis-1,3-Dichloropropene	21	ug/Kg	U
SEE09290925JDF1	9/29/2010	cis-1,3-Dichloropropene	21	ug/Kg	U
SEE09091025JRP1	9/9/2010	cis-1,3-Dichloropropene	21	ug/Kg	U
SEE09011635PML1	9/1/2010	cis-1,3-Dichloropropene	21	ug/Kg	U
SEE08301520JRP1	8/30/2010	cis-1,3-Dichloropropene	21	ug/Kg	U
SEE08281420TWH1	8/28/2010	cis-1,3-Dichloropropene	21	ug/kg	U
SEE08261445JRP1	8/26/2010	cis-1,3-Dichloropropene	21	ug/Kg	U
SEE10161055JDF1	10/16/2010	cis-1,3-Dichloropropene	20	ug/Kg	U
SEE10151355ARM1	10/15/2010	cis-1,3-Dichloropropene	20	ug/Kg	U
SEE10071415ARM1	10/7/2010	cis-1,3-Dichloropropene	20	ug/Kg	U
SEE09031140MHS1	9/3/2010	cis-1,3-Dichloropropene	20	ug/Kg	U
SEE08291421KAP1	8/29/2010	cis-1,3-Dichloropropene	20	ug/kg	U
SEE08271145RCM1	8/27/2010	cis-1,3-Dichloropropene	20	ug/kg	U
SEE10041050JDF1	10/4/2010	cis-1,3-Dichloropropene	19	ug/Kg	U
SEE09301255MAE1	9/30/2010	cis-1,3-Dichloropropene	19	ug/Kg	U
SEE09291645JDF1	9/29/2010	cis-1,3-Dichloropropene	19	ug/Kg	U
SEE09051550MHS1	9/5/2010	cis-1,3-Dichloropropene	19	ug/Kg	U
SEE09031645MHS1	9/3/2010	cis-1,3-Dichloropropene	19	ug/Kg	U
SEE10041138RCM1	10/4/2010	cis-1,3-Dichloropropene	18	ug/Kg	U
SEE09221615JDF1	9/22/2010	cis-1,3-Dichloropropene	18	ug/Kg	U
SEE09191445RCM1	9/19/2010	cis-1,3-Dichloropropene	18	ug/Kg	U
SEE08311010JRP1	8/31/2010	cis-1,3-Dichloropropene	18	ug/Kg	U
SEE09250905RCM1	9/25/2010	cis-1,3-Dichloropropene	17	ug/Kg	U
SEE09200911RCM1	9/20/2010	cis-1,3-Dichloropropene	17	ug/Kg	U
SEE09090900JRP1	9/9/2010	cis-1,3-Dichloropropene	17	ug/Kg	U
SEE09011545MHS1	9/1/2010	cis-1,3-Dichloropropene	17	ug/Kg	U

**TABLE B-2b**  
**Upstream Sediment Samples (Morrow Lake)**

Sample ID	Sample Date	Analyte	Result	Unit	Data Qualifier
SEE08281510TWH1	8/28/2010	cis-1,3-Dichloropropene	17	ug/kg	U
SEE10170915JDF1	10/17/2010	cis-1,3-Dichloropropene	16	ug/Kg	U
SEE09291135JDF1	9/29/2010	cis-1,3-Dichloropropene	16	ug/Kg	U
SEE09260930RCM1	9/26/2010	cis-1,3-Dichloropropene	16	ug/Kg	U
SEE09201110ARM1	9/20/2010	cis-1,3-Dichloropropene	15	ug/Kg	U
SEE08301530JAW1	8/30/2010	cis-1,3-Dichloropropene	15	ug/Kg	U
SEE08291550KAP1	8/29/2010	cis-1,3-Dichloropropene	15	ug/kg	U
SEE10071151RCM1	10/7/2010	cis-1,3-Dichloropropene	14	ug/Kg	U
SEE09211112RCM1	9/21/2010	cis-1,3-Dichloropropene	14	ug/Kg	U
SEE08311348MHS1	8/31/2010	cis-1,3-Dichloropropene	14	ug/Kg	U
SEE08300920JRP1	8/30/2010	cis-1,3-Dichloropropene	14	ug/Kg	U
SEE08261620RCM1	8/26/2010	cis-1,3-Dichloropropene	14	ug/kg	U
SEE10141025ARM1	10/14/2010	cis-1,3-Dichloropropene	12	ug/Kg	U
SEE09130915JRP1	9/13/2010	cis-1,3-Dichloropropene	12	ug/Kg	U
SEE10091200ARM1	10/9/2010	cis-1,3-Dichloropropene	11	ug/Kg	U
SEE09291023RCM1	9/29/2010	cis-1,3-Dichloropropene	11	ug/Kg	U
SEE09171445RCM1	9/17/2010	cis-1,3-Dichloropropene	11	ug/Kg	U
SEE09161035RCM1	9/16/2010	cis-1,3-Dichloropropene	11	ug/Kg	U
SEE09141312RCM1	9/14/2010	cis-1,3-Dichloropropene	10	ug/Kg	U
SEE08291445PML1	8/29/2010	cis-1,3-Dichloropropene	10	ug/kg	U
SEE08291354KAP1	8/29/2010	cis-1,3-Dichloropropene	9.3	ug/kg	U
SEE10051415ARM1	10/5/2010	cis-1,3-Dichloropropene	8.7	ug/Kg	U
SEE09061610JAW1	9/6/2010	cis-1,3-Dichloropropene	8.5	ug/Kg	U
SEE10011125ARM1	10/1/2010	cis-1,3-Dichloropropene	8.2	ug/Kg	U
SEE08261700JRP1	8/26/2010	cis-1,3-Dichloropropene	8.2	ug/Kg	U
SEE09051500MHS1	9/5/2010	cis-1,3-Dichloropropene	8.0	ug/Kg	U
SEE10171535ARM1	10/17/2010	cis-1,3-Dichloropropene	7.9	ug/Kg	U
SEE09231035ARM1	9/23/2010	cis-1,3-Dichloropropene	7.9	ug/Kg	U
SEE09171200ARM1	9/17/2010	cis-1,3-Dichloropropene	7.9	ug/Kg	U
SEE08271614TWH1	8/27/2010	cis-1,3-Dichloropropene	7.8	ug/kg	U
SEE10081035ARM1	10/8/2010	cis-1,3-Dichloropropene	7.6	ug/Kg	U
SEE08271652TWH1	8/27/2010	cis-1,3-Dichloropropene	7.6	ug/kg	U
SEE09100945RCM1	9/10/2010	cis-1,3-Dichloropropene	7.5	ug/Kg	U
SEE09211120ARM1	9/21/2010	cis-1,3-Dichloropropene	7.4	ug/Kg	U
SEB09011143JLS1	9/1/2010	cis-1,3-Dichloropropene	7.1	ug/Kg	U
SEE08301410JRP1	8/30/2010	cis-1,3-Dichloropropene	7.0	ug/Kg	U
SEE09281445RCM1	9/28/2010	cis-1,3-Dichloropropene	6.5	ug/Kg	U
SEE08271536TWH1	8/27/2010	cis-1,3-Dichloropropene	6.3	ug/kg	U
SEE09271500ARM1	9/27/2010	cis-1,3-Dichloropropene	6.2	ug/Kg	U
SEE09170935RCM1	9/17/2010	cis-1,3-Dichloropropene	6.1	ug/Kg	U
SEF10011045TDF1	10/1/2010	cis-1,3-Dichloropropene	6.0	ug/Kg	U
SEE09150915JRP1	9/15/2010	cis-1,3-Dichloropropene	6.0	ug/Kg	U
SEE10011043RCM1	10/1/2010	cis-1,3-Dichloropropene	5.8	ug/Kg	U
SEE09290915MAE1	9/29/2010	cis-1,3-Dichloropropene	5.8	ug/Kg	U
SEE10131035ARM1	10/13/2010	cis-1,3-Dichloropropene	5.5	ug/Kg	U
SEE10071045ARM1	10/7/2010	cis-1,3-Dichloropropene	5.5	ug/Kg	U
SEE10041045ARM1	10/4/2010	cis-1,3-Dichloropropene	5.5	ug/Kg	U
SEF10151030PMB3	10/15/2010	cis-1,3-Dichloropropene	5.4	ug/Kg	U
SEF10081108TDF3	10/8/2010	cis-1,3-Dichloropropene	5.4	ug/Kg	U
SEE09251235ARM1	9/25/2010	cis-1,3-Dichloropropene	5.4	ug/Kg	U
SEE08281540JRP1	8/28/2010	cis-1,3-Dichloropropene	5.4	ug/kg	U
SEF10051206TDF3	10/5/2010	cis-1,3-Dichloropropene	5.3	ug/Kg	U
SEE09140945JRP1	9/14/2010	cis-1,3-Dichloropropene	5.3	ug/Kg	U
SEE09080930JRP1	9/8/2010	cis-1,3-Dichloropropene	5.3	ug/Kg	U
SEE09011515JAW1	9/1/2010	cis-1,3-Dichloropropene	5.3	ug/Kg	U
SEE08301100JRP1	8/30/2010	cis-1,3-Dichloropropene	5.3	ug/Kg	U
SEE10121040ARM1	10/12/2010	cis-1,3-Dichloropropene	5.2	ug/Kg	U
SEF10121130PMB3	10/12/2010	cis-1,3-Dichloropropene	5.2	ug/Kg	U
SEE09221045ARM1	9/22/2010	cis-1,3-Dichloropropene	5.2	ug/Kg	U
SEE09100920JRP1	9/10/2010	cis-1,3-Dichloropropene	5.1	ug/Kg	U

**TABLE B-2b**  
**Upstream Sediment Samples (Morrow Lake)**

Sample ID	Sample Date	Analyte	Result	Unit	Data Qualifier
SEB08281400JLS1	8/28/2010	cis-1,3-Dichloropropene	5.1	ug/kg	U
SEE09301025MAE1	9/30/2010	cis-1,3-Dichloropropene	5.0	ug/Kg	U
SEE09051500JAW1	9/5/2010	cis-1,3-Dichloropropene	5.0	ug/Kg	U
SEE10051145RCM1	10/5/2010	cis-1,3-Dichloropropene	4.9	ug/Kg	U
SEE09070930JRP1	9/7/2010	cis-1,3-Dichloropropene	4.9	ug/Kg	U
SEE10061135ARM1	10/6/2010	cis-1,3-Dichloropropene	4.8	ug/Kg	U
SEE10181030JWP1	10/18/2010	cis-1,3-Dichloropropene	4.6	ug/Kg	U
SEF09281139TDF1	9/28/2010	cis-1,3-Dichloropropene	4.3	ug/Kg	U
SEE09231205RCM1	9/23/2010	cis-1,3-Dichloropropene	3.3	ug/Kg	U
SEE08271445JRP1	8/27/2010	cis-1,3-Dichloropropene	2.8	ug/kg	U
ML-07-S-082510	8/25/2010	cis-1,3-Dichloropropene	0.73	mg/Kg	U
ML-03-S-082510	8/25/2010	cis-1,3-Dichloropropene	0.43	mg/Kg	U
ML-06-S-082510	8/25/2010	cis-1,3-Dichloropropene	0.42	mg/Kg	U
ML-07-S-082410	8/24/2010	cis-1,3-Dichloropropene	0.41	mg/Kg	UJ
ML-06-S-082010	8/20/2010	cis-1,3-Dichloropropene	0.38	mg/Kg	U
ML-08-S-082510	8/25/2010	cis-1,3-Dichloropropene	0.37	mg/Kg	U
ML-08-S-082410	8/24/2010	cis-1,3-Dichloropropene	0.37	mg/Kg	UJ
ML-06-S-082310	8/23/2010	cis-1,3-Dichloropropene	0.37	mg/Kg	U
ML-07-S-082110	8/21/2010	cis-1,3-Dichloropropene	0.37	mg/Kg	U
ML-08-S-082110	8/21/2010	cis-1,3-Dichloropropene	0.37	mg/Kg	U
ML-10-S-082110	8/21/2010	cis-1,3-Dichloropropene	0.37	mg/Kg	U
ML-10-S-082110	8/21/2010	cis-1,3-Dichloropropene	0.37	mg/Kg	U
ML-10-S-081910	8/19/2010	cis-1,3-Dichloropropene	0.37	mg/Kg	U
ML-10-S-081910	8/19/2010	cis-1,3-Dichloropropene	0.37	mg/Kg	U
ML-07-S-081810	8/18/2010	cis-1,3-Dichloropropene	0.37	mg/Kg	UJ
ML-09-S-081810	8/18/2010	cis-1,3-Dichloropropene	0.37	mg/Kg	UJ
ML-10-S-082410	8/24/2010	cis-1,3-Dichloropropene	0.36	mg/Kg	UJ
ML-10-S-082410	8/24/2010	cis-1,3-Dichloropropene	0.36	mg/Kg	UJ
ML-01-S-081610	8/16/2010	cis-1,3-Dichloropropene	0.35	mg/Kg	U
ML-10-S-081610	8/16/2010	cis-1,3-Dichloropropene	0.35	mg/Kg	U
ML-10-S-081610	8/16/2010	cis-1,3-Dichloropropene	0.35	mg/Kg	U
ML-04-S-082410	8/24/2010	cis-1,3-Dichloropropene	0.34	mg/Kg	UJ
ML-03-S-082310	8/23/2010	cis-1,3-Dichloropropene	0.34	mg/Kg	U
ML-10-S-082110-D	8/21/2010	cis-1,3-Dichloropropene	0.34	mg/Kg	U
ML-10-S-082110-D	8/21/2010	cis-1,3-Dichloropropene	0.34	mg/Kg	U
ML-07-S-081610	8/16/2010	cis-1,3-Dichloropropene	0.34	mg/Kg	U
ML-08-S-081610-D	8/16/2010	cis-1,3-Dichloropropene	0.34	mg/Kg	U
ML-04-S-082610	8/26/2010	cis-1,3-Dichloropropene	0.33	mg/Kg	U
ML-05-S-082310	8/23/2010	cis-1,3-Dichloropropene	0.33	mg/Kg	U
ML-05-S-082010	8/20/2010	cis-1,3-Dichloropropene	0.33	mg/Kg	U
ML-10-S-082610	8/26/2010	cis-1,3-Dichloropropene	0.32	mg/Kg	U
ML-10-S-082610	8/26/2010	cis-1,3-Dichloropropene	0.32	mg/Kg	U
ML-06-S-081710	8/17/2010	cis-1,3-Dichloropropene	0.32	mg/Kg	U
ML-08-S-081610	8/16/2010	cis-1,3-Dichloropropene	0.32	mg/Kg	U
ML-01-S-082510	8/25/2010	cis-1,3-Dichloropropene	0.31	mg/Kg	U
ML-09-S-082510	8/25/2010	cis-1,3-Dichloropropene	0.31	mg/Kg	U
ML-09-S-082410	8/24/2010	cis-1,3-Dichloropropene	0.31	mg/Kg	UJ
ML-02-S-081710	8/17/2010	cis-1,3-Dichloropropene	0.31	mg/Kg	U
ML-02-S-082510	8/25/2010	cis-1,3-Dichloropropene	0.28	mg/Kg	U
ML-09-S-082110	8/21/2010	cis-1,3-Dichloropropene	0.28	mg/Kg	U
ML-01-S-082110	8/21/2010	cis-1,3-Dichloropropene	0.27	mg/Kg	U
ML-04-S-081710	8/17/2010	cis-1,3-Dichloropropene	0.27	mg/Kg	U
ML-05-S-081710	8/17/2010	cis-1,3-Dichloropropene	0.27	mg/Kg	U
ML-02-S-082310	8/23/2010	cis-1,3-Dichloropropene	0.25	mg/Kg	U
ML-04-S-082010	8/20/2010	cis-1,3-Dichloropropene	0.25	mg/Kg	U
ML-01-S-081910	8/19/2010	cis-1,3-Dichloropropene	0.25	mg/Kg	U
ML-02-S-082010	8/20/2010	cis-1,3-Dichloropropene	0.22	mg/Kg	U
ML-03-S-081610	8/16/2010	cis-1,3-Dichloropropene	0.22	mg/Kg	U
ML-03-S-082010	8/20/2010	cis-1,3-Dichloropropene	0.19	mg/Kg	U
ML-05-S-082610	8/26/2010	cis-1,3-Dichloropropene	0.17	mg/Kg	U

**TABLE B-2b**  
**Upstream Sediment Samples (Morrow Lake)**

Sample ID	Sample Date	Analyte	Result	Unit	Data Qualifier
SEE08291421KAP1	8/29/2010	Cobalt	10100	ug/kg	
SEE10071415ARM1	10/7/2010	Cobalt	9500	ug/Kg	
SEE10071205PML1	10/7/2010	Cobalt	9000	ug/Kg	
SEE09301205RCM1	9/30/2010	Cobalt	9000	ug/Kg	
SEE08281505PML1	8/28/2010	Cobalt	8870	ug/kg	
SEE09131125PML1	9/13/2010	Cobalt	8800	ug/Kg	J
SEE08301530JAW1	8/30/2010	Cobalt	8800	ug/Kg	J
SEE08281510TWH1	8/28/2010	Cobalt	8690	ug/kg	
SEE09091145PML1	9/9/2010	Cobalt	8400	ug/Kg	J
SEE09091605PML1	9/9/2010	Cobalt	8400	ug/Kg	J
SEE10161415JDF1	10/16/2010	Cobalt	8300	ug/Kg	
SEE09221105JDF1	9/22/2010	Cobalt	8300	ug/Kg	
SEE09051015PML1	9/5/2010	Cobalt	8300	ug/Kg	
SEE09051430PML1	9/5/2010	Cobalt	8200	ug/Kg	
SEE08271500PML1	8/27/2010	Cobalt	8200	ug/kg	
SEE08261445JRP1	8/26/2010	Cobalt	8200	ug/Kg	B
SEE09171530PML1	9/17/2010	Cobalt	8100	ug/Kg	
SEE09091025JRP1	9/9/2010	Cobalt	8100	ug/Kg	J
SEE08281420TWH1	8/28/2010	Cobalt	8070	ug/kg	
SEE10161055JDF1	10/16/2010	Cobalt	8000	ug/Kg	
SEE09221615JDF1	9/22/2010	Cobalt	8000	ug/Kg	
SEE09131620PML1	9/13/2010	Cobalt	8000	ug/Kg	J
SEE08300920JRP1	8/30/2010	Cobalt	8000	ug/Kg	J
SEE10141555ARM1	10/14/2010	Cobalt	7900	ug/Kg	
SEE10121415ARM1	10/12/2010	Cobalt	7900	ug/Kg	B
SEE09290925JDF1	9/29/2010	Cobalt	7900	ug/Kg	
SEE09130940PML1	9/13/2010	Cobalt	7900	ug/Kg	J
SEE09091410PML1	9/9/2010	Cobalt	7900	ug/Kg	J
SEE08271215PML1	8/27/2010	Cobalt	7890	ug/kg	
SEE10111350JDF1	10/11/2010	Cobalt	7800	ug/Kg	J
SEE10091200ARM1	10/9/2010	Cobalt	7800	ug/Kg	
SEE10071540PML1	10/7/2010	Cobalt	7800	ug/Kg	
SEE10031425JDF1	10/3/2010	Cobalt	7800	ug/Kg	B
SEE09271515JDF1	9/27/2010	Cobalt	7800	ug/Kg	J
SEE09171125PML1	9/17/2010	Cobalt	7800	ug/Kg	
SEE09130955JRP1	9/13/2010	Cobalt	7800	ug/Kg	J
SEE09041350PML1	9/4/2010	Cobalt	7800	ug/Kg	
SEE09161045PML1	9/16/2010	Cobalt	7700	ug/Kg	B
SEE09131505PML1	9/13/2010	Cobalt	7700	ug/Kg	J
SEE09011545PML1	9/1/2010	Cobalt	7700	ug/Kg	
SEE10151355ARM1	10/15/2010	Cobalt	7600	ug/Kg	J
SEE10041050JDF1	10/4/2010	Cobalt	7600	ug/Kg	
SEE09271025ARM1	9/27/2010	Cobalt	7600	ug/Kg	J
SEE09031115JAW1	9/3/2010	Cobalt	7600	ug/Kg	J
SEE09011255PML1	9/1/2010	Cobalt	7600	ug/Kg	
SEE09011635PML1	9/1/2010	Cobalt	7600	ug/Kg	
SEE08301015JRP1	8/30/2010	Cobalt	7600	ug/Kg	J
SEE08281215PML1	8/28/2010	Cobalt	7570	ug/kg	
SEE10111011JDF1	10/11/2010	Cobalt	7500	ug/Kg	J
SEE09091010PML1	9/9/2010	Cobalt	7500	ug/Kg	J
SEE09011050PML1	9/1/2010	Cobalt	7500	ug/Kg	
SEE09011545MHS1	9/1/2010	Cobalt	7500	ug/Kg	
SEE08281630RCM1	8/28/2010	Cobalt	7450	ug/kg	
SEE10040945JDF1	10/4/2010	Cobalt	7400	ug/Kg	
SEE09271130JDF1	9/27/2010	Cobalt	7400	ug/Kg	J
SEE09221440JDF1	9/22/2010	Cobalt	7400	ug/Kg	
SEE09170945PML1	9/17/2010	Cobalt	7400	ug/Kg	
SEE09171415PML1	9/17/2010	Cobalt	7400	ug/Kg	
SEE09011145PML1	9/1/2010	Cobalt	7400	ug/Kg	
SEE10151055ARM1	10/15/2010	Cobalt	7300	ug/Kg	J

**TABLE B-2b**  
**Upstream Sediment Samples (Morrow Lake)**

Sample ID	Sample Date	Analyte	Result	Unit	Data Qualifier
SEE10120930JDF1	10/12/2010	Cobalt	7300	ug/Kg	B
SEE09231130ARM1	9/23/2010	Cobalt	7300	ug/Kg	
SEE09201645ARM1	9/20/2010	Cobalt	7300	ug/Kg	
SEE09121450PML1	9/12/2010	Cobalt	7300	ug/Kg	
SEE08301445JRP1	8/30/2010	Cobalt	7300	ug/Kg	J
SEE10121030JDF1	10/12/2010	Cobalt	7200	ug/Kg	B
SEE09211530JDF1	9/21/2010	Cobalt	7200	ug/Kg	
SEE09051130PML1	9/5/2010	Cobalt	7200	ug/Kg	
SEE09040950PML1	9/4/2010	Cobalt	7200	ug/Kg	
SEE10181430JWP1	10/18/2010	Cobalt	7100	ug/Kg	
SEE10161530JDF1	10/16/2010	Cobalt	7100	ug/Kg	
SEE10041335JDF1	10/4/2010	Cobalt	7100	ug/Kg	
SEE09301255MAE1	9/30/2010	Cobalt	7100	ug/Kg	
SEE08301520JRP1	8/30/2010	Cobalt	7100	ug/Kg	J
SEE08281607TWH1	8/28/2010	Cobalt	7050	ug/kg	
SEE10111125JDF1	10/11/2010	Cobalt	7000	ug/Kg	J
SEE10081231PML1	10/8/2010	Cobalt	7000	ug/Kg	
SEE10061051RCM1	10/6/2010	Cobalt	7000	ug/Kg	
SEE10170915JDF1	10/17/2010	Cobalt	6900	ug/Kg	
SEE09291035JDF1	9/29/2010	Cobalt	6900	ug/Kg	
SEE09091515PML1	9/9/2010	Cobalt	6900	ug/Kg	J
SEE10150945JDF1	10/15/2010	Cobalt	6800	ug/Kg	J
SEE09211155JDF1	9/21/2010	Cobalt	6800	ug/Kg	
SEE09090900JRP1	9/9/2010	Cobalt	6800	ug/Kg	J
SEE10081051RCM1	10/8/2010	Cobalt	6700	ug/Kg	
SEE09191445RCM1	9/19/2010	Cobalt	6700	ug/Kg	B
SEE09170839RCM1	9/17/2010	Cobalt	6700	ug/Kg	
SEE09081020RCM1	9/8/2010	Cobalt	6700	ug/Kg	
SEE10161115ARM1	10/16/2010	Cobalt	6600	ug/Kg	
SEE10071101PML1	10/7/2010	Cobalt	6600	ug/Kg	
SEE09260930RCM1	9/26/2010	Cobalt	6600	ug/Kg	
SEE09121436RCM1	9/12/2010	Cobalt	6600	ug/Kg	
SEE10041355ARM1	10/4/2010	Cobalt	6500	ug/Kg	
SEE09291023RCM1	9/29/2010	Cobalt	6500	ug/Kg	
SEE09051550MHS1	9/5/2010	Cobalt	6500	ug/Kg	
SEE10041150JDF1	10/4/2010	Cobalt	6400	ug/Kg	
SEE09220935RCM1	9/22/2010	Cobalt	6400	ug/Kg	
SEE08291550KAP1	8/29/2010	Cobalt	6280	ug/kg	
SEE09141135PML1	9/14/2010	Cobalt	6100	ug/Kg	
SEE09101215PML1	9/10/2010	Cobalt	6100	ug/Kg	
SEE08301130PML1	8/30/2010	Cobalt	6100	ug/Kg	J
SEE08261620RCM1	8/26/2010	Cobalt	6060	ug/kg	
SEE09091005RCM1	9/9/2010	Cobalt	6000	ug/Kg	J
SEE09061130MHS1	9/6/2010	Cobalt	6000	ug/Kg	
SEE10171535ARM1	10/17/2010	Cobalt	5900	ug/Kg	
SEE08311010JRP1	8/31/2010	Cobalt	5900	ug/Kg	
SEE08261420RCM1	8/26/2010	Cobalt	5820	ug/kg	
SEE10171410JDF1	10/17/2010	Cobalt	5800	ug/Kg	
SEE10091401PML1	10/9/2010	Cobalt	5800	ug/Kg	
SEE10081115PML1	10/8/2010	Cobalt	5800	ug/Kg	
SEE09301105JDF1	9/30/2010	Cobalt	5800	ug/Kg	
SEE09181235PML1	9/18/2010	Cobalt	5800	ug/Kg	
SEE09131026RCM1	9/13/2010	Cobalt	5800	ug/Kg	J
SEE09101022PML1	9/10/2010	Cobalt	5800	ug/Kg	
SEE09061500PML1	9/6/2010	Cobalt	5800	ug/Kg	
SEE09030925PML1	9/3/2010	Cobalt	5800	ug/Kg	J
SEE09021400PML1	9/2/2010	Cobalt	5800	ug/Kg	
SEE10051125PML1	10/5/2010	Cobalt	5700	ug/Kg	
SEE09101625PML1	9/10/2010	Cobalt	5700	ug/Kg	
SEE08271145RCM1	8/27/2010	Cobalt	5620	ug/kg	

**TABLE B-2b**  
**Upstream Sediment Samples (Morrow Lake)**

Sample ID	Sample Date	Analyte	Result	Unit	Data Qualifier
SEE10041138RCM1	10/4/2010	Cobalt	5600	ug/Kg	
SEE09230955RCM1	9/23/2010	Cobalt	5600	ug/Kg	
SEE08301638MHS1	8/30/2010	Cobalt	5600	ug/Kg	J
SEE10071042RCM1	10/7/2010	Cobalt	5500	ug/Kg	
SEE09130915JRP1	9/13/2010	Cobalt	5500	ug/Kg	J
SEE09021010PML1	9/2/2010	Cobalt	5500	ug/Kg	
SEE10131150JDF1	10/13/2010	Cobalt	5400	ug/Kg	J
SEE09121105RCM1	9/12/2010	Cobalt	5400	ug/Kg	
SEE08301145MHS1	8/30/2010	Cobalt	5400	ug/Kg	J
SEE09231645JDF1	9/23/2010	Cobalt	5300	ug/Kg	
SEE09191040PML1	9/19/2010	Cobalt	5300	ug/Kg	B
SEE09141515PML1	9/14/2010	Cobalt	5300	ug/Kg	
SEE09071050PML1	9/7/2010	Cobalt	5300	ug/Kg	
SEE09031140MHS1	9/3/2010	Cobalt	5300	ug/Kg	J
SEE09031645MHS1	9/3/2010	Cobalt	5300	ug/Kg	J
SEE08301550PML1	8/30/2010	Cobalt	5300	ug/Kg	J
SEE09181705PML1	9/18/2010	Cobalt	5200	ug/Kg	
SEE09161035RCM1	9/16/2010	Cobalt	5200	ug/Kg	B
SEE09140945PML1	9/14/2010	Cobalt	5200	ug/Kg	
SEE09131445RCM1	9/13/2010	Cobalt	5200	ug/Kg	J
SEE09091410RCM1	9/9/2010	Cobalt	5200	ug/Kg	J
SEE10171115JDF1	10/17/2010	Cobalt	5100	ug/Kg	
SEE10141015JDF1	10/14/2010	Cobalt	5100	ug/Kg	
SEE10091614PML1	10/9/2010	Cobalt	5100	ug/Kg	
SEE09201115RCM1	9/20/2010	Cobalt	5100	ug/Kg	
SEE09171445RCM1	9/17/2010	Cobalt	5100	ug/Kg	
SEE09061525MHS1	9/6/2010	Cobalt	5100	ug/Kg	
SEE09301255JDF1	9/30/2010	Cobalt	5000	ug/Kg	
SEE08311045PML1	8/31/2010	Cobalt	5000	ug/Kg	
SEE10051653PML1	10/5/2010	Cobalt	4900	ug/Kg	
SEE10011120JDF1	10/1/2010	Cobalt	4900	ug/Kg	B
SEE09261215JDF1	9/26/2010	Cobalt	4900	ug/Kg	
SEE09251135JDF1	9/25/2010	Cobalt	4900	ug/Kg	
SEE09231210JDF1	9/23/2010	Cobalt	4900	ug/Kg	
SEE09141312RCM1	9/14/2010	Cobalt	4900	ug/Kg	
SEE10041530JDF1	10/4/2010	Cobalt	4800	ug/Kg	
SEE09151145PML1	9/15/2010	Cobalt	4800	ug/Kg	B
SEE09151145PML1	9/15/2010	Cobalt	4800	ug/Kg	B
SEE08291354KAP1	8/29/2010	Cobalt	4790	ug/kg	
SEE10181035JDF1	10/18/2010	Cobalt	4700	ug/Kg	
SEE10121155JDF1	10/12/2010	Cobalt	4700	ug/Kg	B
SEE10101215PML1	10/10/2010	Cobalt	4700	ug/Kg	
SEE10101215PML1	10/10/2010	Cobalt	4700	ug/Kg	
SEE10031115JDF1	10/3/2010	Cobalt	4700	ug/Kg	B
SEE10031115JDF1	10/3/2010	Cobalt	4700	ug/Kg	B
SEE09261625JDF1	9/26/2010	Cobalt	4700	ug/Kg	
SEE09261625JDF1	9/26/2010	Cobalt	4700	ug/Kg	
SEE09250905RCM1	9/25/2010	Cobalt	4700	ug/Kg	
SEE09151015PML1	9/15/2010	Cobalt	4700	ug/Kg	B
SEE09081205PML1	9/8/2010	Cobalt	4700	ug/Kg	
SEE08311420PML1	8/31/2010	Cobalt	4700	ug/Kg	
SEE08311420PML1	8/31/2010	Cobalt	4700	ug/Kg	
SEE10101010PML1	10/10/2010	Cobalt	4600	ug/Kg	
SEE09191530PML1	9/19/2010	Cobalt	4600	ug/Kg	B
SEE09061105PML1	9/6/2010	Cobalt	4600	ug/Kg	
SEE10141550JDF1	10/14/2010	Cobalt	4500	ug/Kg	
SEE10141550JDF1	10/14/2010	Cobalt	4500	ug/Kg	
SEE10011125ARM1	10/1/2010	Cobalt	4500	ug/Kg	B
SEE09291135JDF1	9/29/2010	Cobalt	4500	ug/Kg	
SEE09121055PML1	9/12/2010	Cobalt	4500	ug/Kg	



**TABLE B-2b**  
**Upstream Sediment Samples (Morrow Lake)**

Sample ID	Sample Date	Analyte	Result	Unit	Data Qualifier
SEE09121055PML1	9/12/2010	Cobalt	4500	ug/Kg	
SEE09081010PML1	9/8/2010	Cobalt	4500	ug/Kg	
SEE09031100PML1	9/3/2010	Cobalt	4500	ug/Kg	J
SEE09200945PML1	9/20/2010	Cobalt	4400	ug/Kg	
SEE09200945PML1	9/20/2010	Cobalt	4400	ug/Kg	
SEE09061610JAW1	9/6/2010	Cobalt	4400	ug/Kg	
SEE09031650PML1	9/3/2010	Cobalt	4400	ug/Kg	J
SEE09031650PML1	9/3/2010	Cobalt	4400	ug/Kg	J
SEE09111015PML1	9/11/2010	Cobalt	4300	ug/Kg	
SEE08271652TWH1	8/27/2010	Cobalt	4300	ug/kg	
SEE10141150JDF1	10/14/2010	Cobalt	4200	ug/Kg	
SEE10061205PML1	10/6/2010	Cobalt	4200	ug/Kg	
SEE10061640PML1	10/6/2010	Cobalt	4200	ug/Kg	
SEE10061640PML1	10/6/2010	Cobalt	4200	ug/Kg	
SEE09211112RCM1	9/21/2010	Cobalt	4200	ug/Kg	
SEE10181210JDF1	10/18/2010	Cobalt	4100	ug/Kg	
SEE08271614TWH1	8/27/2010	Cobalt	4010	ug/kg	
SEE10181510JDF1	10/18/2010	Cobalt	3800	ug/Kg	
SEE10181510JDF1	10/18/2010	Cobalt	3800	ug/Kg	
SEE08291110PML1	8/29/2010	Cobalt	3480	ug/kg	
SEE10051415ARM1	10/5/2010	Cobalt	3300	ug/Kg	
SEE09231205RCM1	9/23/2010	Cobalt	3300	ug/Kg	
SEE08311348MHS1	8/31/2010	Cobalt	3200	ug/Kg	
SEE08291445PML1	8/29/2010	Cobalt	3200	ug/kg	
SEE08271536TWH1	8/27/2010	Cobalt	3140	ug/kg	
SEE09201110ARM1	9/20/2010	Cobalt	3000	ug/Kg	
SEB08281400JLS1	8/28/2010	Cobalt	2710	ug/kg	
SEE10181030JWP1	10/18/2010	Cobalt	2700	ug/Kg	
SEE10141025ARM1	10/14/2010	Cobalt	2600	ug/Kg	
SEE09291645JDF1	9/29/2010	Cobalt	2600	ug/Kg	
SEE08261700JRP1	8/26/2010	Cobalt	2600	ug/Kg	B
SEE10071045ARM1	10/7/2010	Cobalt	2500	ug/Kg	
SEE09171200ARM1	9/17/2010	Cobalt	2500	ug/Kg	
SEE10081035ARM1	10/8/2010	Cobalt	2400	ug/Kg	
SEE10071151RCM1	10/7/2010	Cobalt	2400	ug/Kg	
SEE09271500ARM1	9/27/2010	Cobalt	2400	ug/Kg	J
SEE08271445JRP1	8/27/2010	Cobalt	2340	ug/kg	
SEE09290915MAE1	9/29/2010	Cobalt	2300	ug/Kg	
SEE08281540JRP1	8/28/2010	Cobalt	2300	ug/kg	
SEE10131035ARM1	10/13/2010	Cobalt	2200	ug/Kg	J
SEE10061135ARM1	10/6/2010	Cobalt	2200	ug/Kg	
SEE09231035ARM1	9/23/2010	Cobalt	2200	ug/Kg	
SEE09251235ARM1	9/25/2010	Cobalt	2100	ug/Kg	
SEE09211120ARM1	9/21/2010	Cobalt	2100	ug/Kg	
SEE09140945JRP1	9/14/2010	Cobalt	2100	ug/Kg	
SEE09100920JRP1	9/10/2010	Cobalt	2100	ug/Kg	
SEE09051500JAW1	9/5/2010	Cobalt	2000	ug/Kg	
SEE08301410JRP1	8/30/2010	Cobalt	2000	ug/Kg	J
SEE10121040ARM1	10/12/2010	Cobalt	1900	ug/Kg	B
SEF09281139TDF1	9/28/2010	Cobalt	1900	ug/Kg	
SEE09301025MAE1	9/30/2010	Cobalt	1800	ug/Kg	
SEE09221045ARM1	9/22/2010	Cobalt	1800	ug/Kg	
SEE08301100JRP1	8/30/2010	Cobalt	1800	ug/Kg	J
SEE09150915JRP1	9/15/2010	Cobalt	1700	ug/Kg	B
SEE09100945RCM1	9/10/2010	Cobalt	1700	ug/Kg	
SEE09080930JRP1	9/8/2010	Cobalt	1700	ug/Kg	
SEE09070930JRP1	9/7/2010	Cobalt	1700	ug/Kg	
SEE09051500MHS1	9/5/2010	Cobalt	1700	ug/Kg	
SEE09011515JAW1	9/1/2010	Cobalt	1600	ug/Kg	
SEE10041045ARM1	10/4/2010	Cobalt	1500	ug/Kg	

**TABLE B-2b**  
**Upstream Sediment Samples (Morrow Lake)**

Sample ID	Sample Date	Analyte	Result	Unit	Data Qualifier
SEF10011045TDF1	10/1/2010	Cobalt	1500	ug/Kg	B
SEB09011143JLS1	9/1/2010	Cobalt	1500	ug/Kg	J
SEF10081108TDF3	10/8/2010	Cobalt	1400	ug/Kg	
SEE10051145RCM1	10/5/2010	Cobalt	1200	ug/Kg	
SEF10051206TDF3	10/5/2010	Cobalt	1200	ug/Kg	
SEE09200911RCM1	9/20/2010	Cobalt	1200	ug/Kg	
SEE09170935RCM1	9/17/2010	Cobalt	1200	ug/Kg	
SEF10121130PMB3	10/12/2010	Cobalt	1100	ug/Kg	B
SEE10011043RCM1	10/1/2010	Cobalt	1100	ug/Kg	B
SEE09281445RCM1	9/28/2010	Cobalt	1100	ug/Kg	
SEF10151030PMB3	10/15/2010	Cobalt	760	ug/Kg	J
SEE10151355ARM1	10/15/2010	Copper	230000	ug/Kg	
SEE10121415ARM1	10/12/2010	Copper	140000	ug/Kg	
SEE09090900JRP1	9/9/2010	Copper	140000	ug/Kg	J
SEE10151055ARM1	10/15/2010	Copper	120000	ug/Kg	
SEE10181430JWP1	10/18/2010	Copper	110000	ug/Kg	J
SEE08301445JRP1	8/30/2010	Copper	110000	ug/Kg	
SEE08301015JRP1	8/30/2010	Copper	100000	ug/Kg	
SEE08301520JRP1	8/30/2010	Copper	100000	ug/Kg	
SEE10141555ARM1	10/14/2010	Copper	91000	ug/Kg	
SEE08291421KAP1	8/29/2010	Copper	88900	ug/kg	
SEE10051415ARM1	10/5/2010	Copper	77000	ug/Kg	
SEE10161115ARM1	10/16/2010	Copper	69000	ug/Kg	
SEE09061130MHS1	9/6/2010	Copper	68000	ug/Kg	
SEE10071415ARM1	10/7/2010	Copper	66000	ug/Kg	
SEE10061051RCM1	10/6/2010	Copper	65000	ug/Kg	
SEE10081051RCM1	10/8/2010	Copper	64000	ug/Kg	J
SEE09191445RCM1	9/19/2010	Copper	63000	ug/Kg	
SEE08281630RCM1	8/28/2010	Copper	62200	ug/kg	
SEE09011545MHS1	9/1/2010	Copper	62000	ug/Kg	J
SEE09170839RCM1	9/17/2010	Copper	61000	ug/Kg	
SEE08281607TWH1	8/28/2010	Copper	60900	ug/kg	
SEE09260930RCM1	9/26/2010	Copper	60000	ug/Kg	
SEE09101215PML1	9/10/2010	Copper	60000	ug/Kg	J
SEE09091005RCM1	9/9/2010	Copper	59000	ug/Kg	J
SEE09220935RCM1	9/22/2010	Copper	58000	ug/Kg	
SEE09141135PML1	9/14/2010	Copper	58000	ug/Kg	
SEE09081020RCM1	9/8/2010	Copper	58000	ug/Kg	B
SEE10041138RCM1	10/4/2010	Copper	57000	ug/Kg	J
SEE09181235PML1	9/18/2010	Copper	57000	ug/Kg	
SEE09121436RCM1	9/12/2010	Copper	57000	ug/Kg	
SEE09101625PML1	9/10/2010	Copper	57000	ug/Kg	J
SEE08261620RCM1	8/26/2010	Copper	56500	ug/kg	
SEE10091401PML1	10/9/2010	Copper	56000	ug/Kg	
SEE09301105JDF1	9/30/2010	Copper	56000	ug/Kg	
SEE09291023RCM1	9/29/2010	Copper	56000	ug/Kg	
SEE09230955RCM1	9/23/2010	Copper	56000	ug/Kg	
SEE09131026RCM1	9/13/2010	Copper	56000	ug/Kg	J
SEE08271215PML1	8/27/2010	Copper	55300	ug/kg	
SEE10171410JDF1	10/17/2010	Copper	55000	ug/Kg	
SEE10051125PML1	10/5/2010	Copper	55000	ug/Kg	
SEE09161035RCM1	9/16/2010	Copper	55000	ug/Kg	B
SEE09051550MHS1	9/5/2010	Copper	55000	ug/Kg	
SEE09021400PML1	9/2/2010	Copper	55000	ug/Kg	
SEE08301130PML1	8/30/2010	Copper	55000	ug/Kg	
SEE09061500PML1	9/6/2010	Copper	54000	ug/Kg	
SEE08281505PML1	8/28/2010	Copper	53800	ug/kg	
SEE10071042RCM1	10/7/2010	Copper	53000	ug/Kg	
SEE09231645JDF1	9/23/2010	Copper	53000	ug/Kg	
SEE09191040PML1	9/19/2010	Copper	53000	ug/Kg	

**TABLE B-2b**  
**Upstream Sediment Samples (Morrow Lake)**

Sample ID	Sample Date	Analyte	Result	Unit	Data Qualifier
SEE09030925PML1	9/3/2010	Copper	53000	ug/Kg	J
SEE08261420RCM1	8/26/2010	Copper	52500	ug/kg	
SEE10131150JDF1	10/13/2010	Copper	52000	ug/Kg	
SEE09251135JDF1	9/25/2010	Copper	52000	ug/Kg	
SEE09201115RCM1	9/20/2010	Copper	52000	ug/Kg	B
SEE09141515PML1	9/14/2010	Copper	52000	ug/Kg	
SEE09131445RCM1	9/13/2010	Copper	52000	ug/Kg	J
SEE09101022PML1	9/10/2010	Copper	52000	ug/Kg	J
SEE09091010PML1	9/9/2010	Copper	52000	ug/Kg	J
SEE09031140MHS1	9/3/2010	Copper	52000	ug/Kg	J
SEE10141015JDF1	10/14/2010	Copper	51000	ug/Kg	
SEE10120930JDF1	10/12/2010	Copper	51000	ug/Kg	
SEE10051653PML1	10/5/2010	Copper	51000	ug/Kg	
SEE09091410RCM1	9/9/2010	Copper	51000	ug/Kg	J
SEE09071050PML1	9/7/2010	Copper	51000	ug/Kg	J
SEE09011050PML1	9/1/2010	Copper	51000	ug/Kg	J
SEE10031425JDF1	10/3/2010	Copper	50000	ug/Kg	
SEE09031645MHS1	9/3/2010	Copper	50000	ug/Kg	J
SEE10081115PML1	10/8/2010	Copper	49000	ug/Kg	J
SEE09121105RCM1	9/12/2010	Copper	49000	ug/Kg	
SEE09121450PML1	9/12/2010	Copper	49000	ug/Kg	
SEE08301550PML1	8/30/2010	Copper	49000	ug/Kg	
SEE08301638MHS1	8/30/2010	Copper	49000	ug/Kg	
SEE10181035JDF1	10/18/2010	Copper	48000	ug/Kg	J
SEE10091614PML1	10/9/2010	Copper	48000	ug/Kg	
SEE09301205RCM1	9/30/2010	Copper	48000	ug/Kg	
SEE09181705PML1	9/18/2010	Copper	48000	ug/Kg	
SEE09171445RCM1	9/17/2010	Copper	48000	ug/Kg	
SEE09161045PML1	9/16/2010	Copper	48000	ug/Kg	B
SEE09021010PML1	9/2/2010	Copper	48000	ug/Kg	
SEE08301145MHS1	8/30/2010	Copper	48000	ug/Kg	
SEE10011120JDF1	10/1/2010	Copper	47000	ug/Kg	J
SEE09301255JDF1	9/30/2010	Copper	47000	ug/Kg	
SEE09261215JDF1	9/26/2010	Copper	47000	ug/Kg	
SEE09221440JDF1	9/22/2010	Copper	47000	ug/Kg	
SEE09091025JRP1	9/9/2010	Copper	47000	ug/Kg	J
SEE09011545PML1	9/1/2010	Copper	47000	ug/Kg	J
SEE08281420TWH1	8/28/2010	Copper	46600	ug/kg	
SEE10171115JDF1	10/17/2010	Copper	46000	ug/Kg	
SEE10071205PML1	10/7/2010	Copper	46000	ug/Kg	
SEE09271130JDF1	9/27/2010	Copper	46000	ug/Kg	J
SEE09211155JDF1	9/21/2010	Copper	46000	ug/Kg	
SEE09140945PML1	9/14/2010	Copper	46000	ug/Kg	
SEE09131505PML1	9/13/2010	Copper	46000	ug/Kg	J
SEE08301530JAW1	8/30/2010	Copper	46000	ug/Kg	
SEE10111125JDF1	10/11/2010	Copper	45000	ug/Kg	J
SEE09171415PML1	9/17/2010	Copper	45000	ug/Kg	
SEE09061525MHS1	9/6/2010	Copper	45000	ug/Kg	
SEE08311045PML1	8/31/2010	Copper	45000	ug/Kg	
SEE10150945JDF1	10/15/2010	Copper	44000	ug/Kg	
SEE09271025ARM1	9/27/2010	Copper	44000	ug/Kg	J
SEE09191530PML1	9/19/2010	Copper	44000	ug/Kg	
SEE09130955JRP1	9/13/2010	Copper	44000	ug/Kg	J
SEE09040950PML1	9/4/2010	Copper	44000	ug/Kg	
SEE08281215PML1	8/28/2010	Copper	43200	ug/kg	
SEE10161055JDF1	10/16/2010	Copper	43000	ug/Kg	
SEE10161530JDF1	10/16/2010	Copper	43000	ug/Kg	
SEE10101010PML1	10/10/2010	Copper	43000	ug/Kg	B
SEE09291035JDF1	9/29/2010	Copper	43000	ug/Kg	
SEE09231130ARM1	9/23/2010	Copper	43000	ug/Kg	

**TABLE B-2b**  
**Upstream Sediment Samples (Morrow Lake)**

Sample ID	Sample Date	Analyte	Result	Unit	Data Qualifier
SEE09231210JDF1	9/23/2010	Copper	43000	ug/Kg	
SEE09111015PML1	9/11/2010	Copper	43000	ug/Kg	B
SEE09091515PML1	9/9/2010	Copper	43000	ug/Kg	J
SEE09081010PML1	9/8/2010	Copper	43000	ug/Kg	B
SEE09081205PML1	9/8/2010	Copper	43000	ug/Kg	B
SEE09051130PML1	9/5/2010	Copper	43000	ug/Kg	
SEE08271500PML1	8/27/2010	Copper	42600	ug/kg	
SEE10141550JDF1	10/14/2010	Copper	42000	ug/Kg	
SEE10141550JDF1	10/14/2010	Copper	42000	ug/Kg	
SEE10101215PML1	10/10/2010	Copper	42000	ug/Kg	B
SEE10101215PML1	10/10/2010	Copper	42000	ug/Kg	B
SEE10081231PML1	10/8/2010	Copper	42000	ug/Kg	J
SEE10041530JDF1	10/4/2010	Copper	42000	ug/Kg	J
SEE10031115JDF1	10/3/2010	Copper	42000	ug/Kg	
SEE10031115JDF1	10/3/2010	Copper	42000	ug/Kg	
SEE09271515JDF1	9/27/2010	Copper	42000	ug/Kg	J
SEE09261625JDF1	9/26/2010	Copper	42000	ug/Kg	
SEE09261625JDF1	9/26/2010	Copper	42000	ug/Kg	
SEE09131125PML1	9/13/2010	Copper	42000	ug/Kg	J
SEE09121055PML1	9/12/2010	Copper	42000	ug/Kg	
SEE09121055PML1	9/12/2010	Copper	42000	ug/Kg	
SEE09091145PML1	9/9/2010	Copper	42000	ug/Kg	J
SEE09031100PML1	9/3/2010	Copper	42000	ug/Kg	J
SEE08311420PML1	8/31/2010	Copper	42000	ug/Kg	
SEE08311420PML1	8/31/2010	Copper	42000	ug/Kg	
SEE08261445JRP1	8/26/2010	Copper	42000	ug/Kg	
SEE10181210JDF1	10/18/2010	Copper	41000	ug/Kg	J
SEE10161415JDF1	10/16/2010	Copper	41000	ug/Kg	
SEE10111011JDF1	10/11/2010	Copper	41000	ug/Kg	J
SEE10061205PML1	10/6/2010	Copper	41000	ug/Kg	
SEE10041150JDF1	10/4/2010	Copper	41000	ug/Kg	J
SEE09250905RCM1	9/25/2010	Copper	41000	ug/Kg	
SEE09211530JDF1	9/21/2010	Copper	41000	ug/Kg	
SEE09091410PML1	9/9/2010	Copper	41000	ug/Kg	J
SEE09051015PML1	9/5/2010	Copper	41000	ug/Kg	
SEE09031115JAW1	9/3/2010	Copper	41000	ug/Kg	J
SEE08311010JRP1	8/31/2010	Copper	41000	ug/Kg	
SEE10181510JDF1	10/18/2010	Copper	40000	ug/Kg	J
SEE10181510JDF1	10/18/2010	Copper	40000	ug/Kg	J
SEE10141150JDF1	10/14/2010	Copper	40000	ug/Kg	
SEE10071101PML1	10/7/2010	Copper	40000	ug/Kg	
SEE10061640PML1	10/6/2010	Copper	40000	ug/Kg	
SEE10061640PML1	10/6/2010	Copper	40000	ug/Kg	
SEE09221105JDF1	9/22/2010	Copper	40000	ug/Kg	
SEE09200945PML1	9/20/2010	Copper	40000	ug/Kg	B
SEE09200945PML1	9/20/2010	Copper	40000	ug/Kg	B
SEE09201645ARM1	9/20/2010	Copper	40000	ug/Kg	B
SEE09170945PML1	9/17/2010	Copper	40000	ug/Kg	
SEE09151145PML1	9/15/2010	Copper	40000	ug/Kg	
SEE09151145PML1	9/15/2010	Copper	40000	ug/Kg	
SEE09091605PML1	9/9/2010	Copper	40000	ug/Kg	J
SEE09061105PML1	9/6/2010	Copper	40000	ug/Kg	
SEE09031650PML1	9/3/2010	Copper	40000	ug/Kg	J
SEE09031650PML1	9/3/2010	Copper	40000	ug/Kg	J
SEE10121155JDF1	10/12/2010	Copper	39000	ug/Kg	
SEE10040945JDF1	10/4/2010	Copper	39000	ug/Kg	J
SEE09290925JDF1	9/29/2010	Copper	39000	ug/Kg	
SEE09211112RCM1	9/21/2010	Copper	39000	ug/Kg	
SEE09171125PML1	9/17/2010	Copper	39000	ug/Kg	
SEE09151015PML1	9/15/2010	Copper	39000	ug/Kg	

**TABLE B-2b**  
**Upstream Sediment Samples (Morrow Lake)**

Sample ID	Sample Date	Analyte	Result	Unit	Data Qualifier
SEE09130940PML1	9/13/2010	Copper	39000	ug/Kg	J
SEE09011145PML1	9/1/2010	Copper	39000	ug/Kg	J
SEE10111350JDF1	10/11/2010	Copper	38000	ug/Kg	J
SEE10041050JDF1	10/4/2010	Copper	38000	ug/Kg	J
SEE09301255MAE1	9/30/2010	Copper	38000	ug/Kg	
SEE09011255PML1	9/1/2010	Copper	38000	ug/Kg	J
SEE10071540PML1	10/7/2010	Copper	37000	ug/Kg	
SEE08271614TWH1	8/27/2010	Copper	36800	ug/kg	
SEE08291550KAP1	8/29/2010	Copper	36300	ug/kg	
SEE10041355ARM1	10/4/2010	Copper	36000	ug/Kg	J
SEE09171530PML1	9/17/2010	Copper	36000	ug/Kg	
SEE09051430PML1	9/5/2010	Copper	36000	ug/Kg	
SEE09041350PML1	9/4/2010	Copper	36000	ug/Kg	
SEE09131620PML1	9/13/2010	Copper	35000	ug/Kg	J
SEE08271145RCM1	8/27/2010	Copper	34800	ug/kg	
SEE09221615JDF1	9/22/2010	Copper	34000	ug/Kg	
SEE08281510TWH1	8/28/2010	Copper	33200	ug/kg	
SEE08300920JRP1	8/30/2010	Copper	32000	ug/Kg	
SEE09011635PML1	9/1/2010	Copper	31000	ug/Kg	J
SEE10121030JDF1	10/12/2010	Copper	30000	ug/Kg	
SEE09141312RCM1	9/14/2010	Copper	30000	ug/Kg	
SEE10041335JDF1	10/4/2010	Copper	29000	ug/Kg	J
SEE08291110PML1	8/29/2010	Copper	28100	ug/kg	
SEE10170915JDF1	10/17/2010	Copper	28000	ug/Kg	
SEE10091200ARM1	10/9/2010	Copper	28000	ug/Kg	
SEE10071045ARM1	10/7/2010	Copper	21000	ug/Kg	
SEE09291135JDF1	9/29/2010	Copper	20000	ug/Kg	
SEE09291645JDF1	9/29/2010	Copper	19000	ug/Kg	
SEE08311348MHS1	8/31/2010	Copper	19000	ug/Kg	
SEE10171535ARM1	10/17/2010	Copper	16000	ug/Kg	
SEE08291354KAP1	8/29/2010	Copper	15700	ug/kg	
SEE10141025ARM1	10/14/2010	Copper	14000	ug/Kg	
SEE09061610JAW1	9/6/2010	Copper	13000	ug/Kg	
SEE10071151RCM1	10/7/2010	Copper	12000	ug/Kg	
SEE08271652TWH1	8/27/2010	Copper	12000	ug/kg	
SEE09130915JRP1	9/13/2010	Copper	10000	ug/Kg	J
SEE09051500MHS1	9/5/2010	Copper	8800	ug/Kg	
SEE10011125ARM1	10/1/2010	Copper	8500	ug/Kg	J
SEE08301410JRP1	8/30/2010	Copper	8200	ug/Kg	
SEE08261700JRP1	8/26/2010	Copper	8100	ug/Kg	
SEE09231205RCM1	9/23/2010	Copper	7000	ug/Kg	
SEE09201110ARM1	9/20/2010	Copper	6700	ug/Kg	B
SEE08291445PML1	8/29/2010	Copper	6280	ug/kg	
SEE09171200ARM1	9/17/2010	Copper	5600	ug/Kg	
SEF09281139TDF1	9/28/2010	Copper	5100	ug/Kg	
SEE09211120ARM1	9/21/2010	Copper	4600	ug/Kg	
SEE09100920JRP1	9/10/2010	Copper	4600	ug/Kg	J
SEE09051500JAW1	9/5/2010	Copper	4600	ug/Kg	
SEE09271500ARM1	9/27/2010	Copper	4400	ug/Kg	J
SEE09290915MAE1	9/29/2010	Copper	4200	ug/Kg	
SEE08271445JRP1	8/27/2010	Copper	3990	ug/kg	
SEE09140945JRP1	9/14/2010	Copper	3800	ug/Kg	
SEE10061135ARM1	10/6/2010	Copper	3700	ug/Kg	
SEE08301100JRP1	8/30/2010	Copper	3700	ug/Kg	
SEE09100945RCM1	9/10/2010	Copper	3600	ug/Kg	J
SEE09011515JAW1	9/1/2010	Copper	3600	ug/Kg	J
SEE08271536TWH1	8/27/2010	Copper	3580	ug/kg	
SEE09231035ARM1	9/23/2010	Copper	3500	ug/Kg	
SEB09011143JLS1	9/1/2010	Copper	3300	ug/Kg	UJ
SEE09150915JRP1	9/15/2010	Copper	3100	ug/Kg	

**TABLE B-2b**  
**Upstream Sediment Samples (Morrow Lake)**

Sample ID	Sample Date	Analyte	Result	Unit	Data Qualifier
SEE08281540JRP1	8/28/2010	Copper	3080	ug/kg	
SEE09251235ARM1	9/25/2010	Copper	2900	ug/Kg	
SEE10121040ARM1	10/12/2010	Copper	2700	ug/Kg	
SEE10041045ARM1	10/4/2010	Copper	2700	ug/Kg	J
SEF10011045TDF1	10/1/2010	Copper	2500	ug/Kg	J
SEE09070930JRP1	9/7/2010	Copper	2500	ug/Kg	J
SEE09301025MAE1	9/30/2010	Copper	2400	ug/Kg	
SEE09281445RCM1	9/28/2010	Copper	2400	ug/Kg	
SEE09170935RCM1	9/17/2010	Copper	2400	ug/Kg	
SEE10081035ARM1	10/8/2010	Copper	2300	ug/Kg	J
SEE09200911RCM1	9/20/2010	Copper	2300	ug/Kg	B
SEE10131035ARM1	10/13/2010	Copper	2000	ug/Kg	
SEF10051206TDF3	10/5/2010	Copper	1900	ug/Kg	
SEE09221045ARM1	9/22/2010	Copper	1900	ug/Kg	
SEE09080930JRP1	9/8/2010	Copper	1800	ug/Kg	B
SEE10181030JWP1	10/18/2010	Copper	1700	ug/Kg	J
SEF10081108TDF3	10/8/2010	Copper	1600	ug/Kg	J
SEB08281400JLS1	8/28/2010	Copper	1520	ug/kg	
SEE10011043RCM1	10/1/2010	Copper	1500	ug/Kg	J
SEF10151030PMB3	10/15/2010	Copper	1300	ug/Kg	
SEF10121130PMB3	10/12/2010	Copper	1200	ug/Kg	
SEE10051145RCM1	10/5/2010	Copper	1100	ug/Kg	
SEE08261620RCM1	8/26/2010	Dibenz(a,h)anthracene	1400	ug/kg	U
SEE08281607TWH1	8/28/2010	Dibenz(a,h)anthracene	830	ug/kg	U
SEE08281420TWH1	8/28/2010	Dibenz(a,h)anthracene	570	ug/kg	U
SEE09290925JDF1	9/29/2010	Dibenz(a,h)anthracene	490	ug/Kg	
SEE09271515JDF1	9/27/2010	Dibenz(a,h)anthracene	490	ug/Kg	
SEE09061610JAW1	9/6/2010	Dibenz(a,h)anthracene	490	ug/Kg	
SEE09221615JDF1	9/22/2010	Dibenz(a,h)anthracene	480	ug/Kg	
SEE10111350JDF1	10/11/2010	Dibenz(a,h)anthracene	450	ug/Kg	
SEE09291035JDF1	9/29/2010	Dibenz(a,h)anthracene	450	ug/Kg	
SEE09031115JAW1	9/3/2010	Dibenz(a,h)anthracene	410	ug/Kg	
SEE09121450PML1	9/12/2010	Dibenz(a,h)anthracene	400	ug/Kg	J
SEE09051430PML1	9/5/2010	Dibenz(a,h)anthracene	400	ug/Kg	J
SEE10071205PML1	10/7/2010	Dibenz(a,h)anthracene	390	ug/Kg	
SEE10031425JDF1	10/3/2010	Dibenz(a,h)anthracene	390	ug/Kg	
SEE10041335JDF1	10/4/2010	Dibenz(a,h)anthracene	380	ug/Kg	
SEE10170915JDF1	10/17/2010	Dibenz(a,h)anthracene	360	ug/Kg	
SEE10040945JDF1	10/4/2010	Dibenz(a,h)anthracene	360	ug/Kg	
SEE10171535ARM1	10/17/2010	Dibenz(a,h)anthracene	350	ug/Kg	
SEE09291135JDF1	9/29/2010	Dibenz(a,h)anthracene	330	ug/Kg	
SEE09011635PML1	9/1/2010	Dibenz(a,h)anthracene	330	ug/Kg	J
SEE09131620PML1	9/13/2010	Dibenz(a,h)anthracene	320	ug/Kg	
SEE09271025ARM1	9/27/2010	Dibenz(a,h)anthracene	310	ug/Kg	
SEE10041050JDF1	10/4/2010	Dibenz(a,h)anthracene	300	ug/Kg	
SEE09130955JRP1	9/13/2010	Dibenz(a,h)anthracene	300	ug/Kg	
SEE10041150JDF1	10/4/2010	Dibenz(a,h)anthracene	290	ug/Kg	
SEE09211530JDF1	9/21/2010	Dibenz(a,h)anthracene	290	ug/Kg	
SEE09211155JDF1	9/21/2010	Dibenz(a,h)anthracene	280	ug/Kg	
SEE09011545PML1	9/1/2010	Dibenz(a,h)anthracene	280	ug/Kg	
SEE09301255JDF1	9/30/2010	Dibenz(a,h)anthracene	270	ug/Kg	
SEE09221440JDF1	9/22/2010	Dibenz(a,h)anthracene	270	ug/Kg	
SEE09011255PML1	9/1/2010	Dibenz(a,h)anthracene	270	ug/Kg	
SEE09301255MAE1	9/30/2010	Dibenz(a,h)anthracene	260	ug/Kg	
SEE09091605PML1	9/9/2010	Dibenz(a,h)anthracene	260	ug/Kg	
SEE09011145PML1	9/1/2010	Dibenz(a,h)anthracene	260	ug/Kg	
SEE10120930JDF1	10/12/2010	Dibenz(a,h)anthracene	250	ug/Kg	
SEE10121030JDF1	10/12/2010	Dibenz(a,h)anthracene	250	ug/Kg	
SEE09161045PML1	9/16/2010	Dibenz(a,h)anthracene	250	ug/Kg	
SEE09131125PML1	9/13/2010	Dibenz(a,h)anthracene	240	ug/Kg	

**TABLE B-2b**  
**Upstream Sediment Samples (Morrow Lake)**

Sample ID	Sample Date	Analyte	Result	Unit	Data Qualifier
SEE09131505PML1	9/13/2010	Dibenz(a,h)anthracene	240	ug/Kg	
SEE09091515PML1	9/9/2010	Dibenz(a,h)anthracene	240	ug/Kg	
SEE10071540PML1	10/7/2010	Dibenz(a,h)anthracene	230	ug/Kg	
SEE10061205PML1	10/6/2010	Dibenz(a,h)anthracene	230	ug/Kg	
SEE09221105JDF1	9/22/2010	Dibenz(a,h)anthracene	230	ug/Kg	
SEE09051015PML1	9/5/2010	Dibenz(a,h)anthracene	230	ug/Kg	
SEE09011050PML1	9/1/2010	Dibenz(a,h)anthracene	230	ug/Kg	
SEE10071415ARM1	10/7/2010	Dibenz(a,h)anthracene	220	ug/Kg	
SEE09291023RCM1	9/29/2010	Dibenz(a,h)anthracene	220	ug/Kg	
SEE09021400PML1	9/2/2010	Dibenz(a,h)anthracene	220	ug/Kg	
SEE09011545MHS1	9/1/2010	Dibenz(a,h)anthracene	220	ug/Kg	
SEE09301105JDF1	9/30/2010	Dibenz(a,h)anthracene	210	ug/Kg	
SEE09231130ARM1	9/23/2010	Dibenz(a,h)anthracene	210	ug/Kg	
SEE09091025JRP1	9/9/2010	Dibenz(a,h)anthracene	210	ug/Kg	
SEE09031645MHS1	9/3/2010	Dibenz(a,h)anthracene	210	ug/Kg	
SEB08281400JLS1	8/28/2010	Dibenz(a,h)anthracene	210	ug/kg	U
SEE10151355ARM1	10/15/2010	Dibenz(a,h)anthracene	200	ug/Kg	
SEE10071101PML1	10/7/2010	Dibenz(a,h)anthracene	200	ug/Kg	
SEE09061500PML1	9/6/2010	Dibenz(a,h)anthracene	200	ug/Kg	
SEE10171410JDF1	10/17/2010	Dibenz(a,h)anthracene	190	ug/Kg	
SEE10081231PML1	10/8/2010	Dibenz(a,h)anthracene	190	ug/Kg	
SEE10051125PML1	10/5/2010	Dibenz(a,h)anthracene	190	ug/Kg	
SEE10041355ARM1	10/4/2010	Dibenz(a,h)anthracene	190	ug/Kg	
SEE09271130JDF1	9/27/2010	Dibenz(a,h)anthracene	190	ug/Kg	
SEE09201645ARM1	9/20/2010	Dibenz(a,h)anthracene	190	ug/Kg	
SEE09130940PML1	9/13/2010	Dibenz(a,h)anthracene	190	ug/Kg	
SEE09041350PML1	9/4/2010	Dibenz(a,h)anthracene	190	ug/Kg	
SEE10211035JDF1	10/21/2010	Dibenz(a,h)anthracene	180	ug/Kg	UU
SEE09251135JDF1	9/25/2010	Dibenz(a,h)anthracene	180	ug/Kg	
SEE09171530PML1	9/17/2010	Dibenz(a,h)anthracene	180	ug/Kg	
SEE09051130PML1	9/5/2010	Dibenz(a,h)anthracene	180	ug/Kg	
SEE09040950PML1	9/4/2010	Dibenz(a,h)anthracene	180	ug/Kg	
SEE10131150JDF1	10/13/2010	Dibenz(a,h)anthracene	170	ug/Kg	
SEE10111011JDF1	10/11/2010	Dibenz(a,h)anthracene	170	ug/Kg	
SEE10111125JDF1	10/11/2010	Dibenz(a,h)anthracene	170	ug/Kg	
SEE10031115JDF1	10/3/2010	Dibenz(a,h)anthracene	170	ug/Kg	
SEE10031115JDF1	10/3/2010	Dibenz(a,h)anthracene	170	ug/Kg	
SEE09291645JDF1	9/29/2010	Dibenz(a,h)anthracene	170	ug/Kg	
SEE09261625JDF1	9/26/2010	Dibenz(a,h)anthracene	170	ug/Kg	
SEE09261625JDF1	9/26/2010	Dibenz(a,h)anthracene	170	ug/Kg	
SEE09170945PML1	9/17/2010	Dibenz(a,h)anthracene	170	ug/Kg	
SEE09171125PML1	9/17/2010	Dibenz(a,h)anthracene	170	ug/Kg	
SEE09121055PML1	9/12/2010	Dibenz(a,h)anthracene	170	ug/Kg	J
SEE09121055PML1	9/12/2010	Dibenz(a,h)anthracene	170	ug/Kg	J
SEE09091410PML1	9/9/2010	Dibenz(a,h)anthracene	170	ug/Kg	
SEE09091410RCM1	9/9/2010	Dibenz(a,h)anthracene	170	ug/Kg	U
SEE09061525MHS1	9/6/2010	Dibenz(a,h)anthracene	170	ug/Kg	
SEE08301530JAW1	8/30/2010	Dibenz(a,h)anthracene	170	ug/Kg	
SEE10221110JDF1	10/22/2010	Dibenz(a,h)anthracene	160	ug/Kg	U
SEE10221110JDF1	10/22/2010	Dibenz(a,h)anthracene	160	ug/Kg	U
SEE10211430JDF1	10/21/2010	Dibenz(a,h)anthracene	160	ug/Kg	U
SEE10191005JDF1	10/19/2010	Dibenz(a,h)anthracene	160	ug/Kg	U
SEE10181210JDF1	10/18/2010	Dibenz(a,h)anthracene	160	ug/Kg	
SEE10141550JDF1	10/14/2010	Dibenz(a,h)anthracene	160	ug/Kg	
SEE10141550JDF1	10/14/2010	Dibenz(a,h)anthracene	160	ug/Kg	
SEE10091200ARM1	10/9/2010	Dibenz(a,h)anthracene	160	ug/Kg	J
SEE10091401PML1	10/9/2010	Dibenz(a,h)anthracene	160	ug/Kg	J
SEE10041530JDF1	10/4/2010	Dibenz(a,h)anthracene	160	ug/Kg	
SEE09091145PML1	9/9/2010	Dibenz(a,h)anthracene	160	ug/Kg	
SEE10191155JDF1	10/19/2010	Dibenz(a,h)anthracene	150	ug/Kg	U

**TABLE B-2b**  
**Upstream Sediment Samples (Morrow Lake)**

Sample ID	Sample Date	Analyte	Result	Unit	Data Qualifier
SEE10191415JDF1	10/19/2010	Dibenz(a,h)anthracene	150	ug/Kg	U
SEE10191515JDF1	10/19/2010	Dibenz(a,h)anthracene	150	ug/Kg	U
SEE10181510JDF1	10/18/2010	Dibenz(a,h)anthracene	150	ug/Kg	U
SEE10181510JDF1	10/18/2010	Dibenz(a,h)anthracene	150	ug/Kg	U
SEE10171115JDF1	10/17/2010	Dibenz(a,h)anthracene	150	ug/Kg	U
SEE10151055ARM1	10/15/2010	Dibenz(a,h)anthracene	150	ug/Kg	
SEE10081051RCM1	10/8/2010	Dibenz(a,h)anthracene	150	ug/Kg	
SEE10071042RCM1	10/7/2010	Dibenz(a,h)anthracene	150	ug/Kg	
SEE10051653PML1	10/5/2010	Dibenz(a,h)anthracene	150	ug/Kg	J
SEE09091005RCM1	9/9/2010	Dibenz(a,h)anthracene	150	ug/Kg	U
SEE09081020RCM1	9/8/2010	Dibenz(a,h)anthracene	150	ug/Kg	J
SEE08301145MHS1	8/30/2010	Dibenz(a,h)anthracene	150	ug/Kg	U
SEE08271500PML1	8/27/2010	Dibenz(a,h)anthracene	150	ug/kg	J
SEE10211010JWP1	10/21/2010	Dibenz(a,h)anthracene	140	ug/Kg	U
SEE10191100JDF1	10/19/2010	Dibenz(a,h)anthracene	140	ug/Kg	U
SEE10161055JDF1	10/16/2010	Dibenz(a,h)anthracene	140	ug/Kg	
SEE10161530JDF1	10/16/2010	Dibenz(a,h)anthracene	140	ug/Kg	
SEE10150945JDF1	10/15/2010	Dibenz(a,h)anthracene	140	ug/Kg	U
SEE09230955RCM1	9/23/2010	Dibenz(a,h)anthracene	140	ug/Kg	U
SEE09171415PML1	9/17/2010	Dibenz(a,h)anthracene	140	ug/Kg	J
SEE09141135PML1	9/14/2010	Dibenz(a,h)anthracene	140	ug/Kg	J
SEE09121105RCM1	9/12/2010	Dibenz(a,h)anthracene	140	ug/Kg	J
SEE09091010PML1	9/9/2010	Dibenz(a,h)anthracene	140	ug/Kg	
SEE08301130PML1	8/30/2010	Dibenz(a,h)anthracene	140	ug/Kg	J
SEE08301520JRP1	8/30/2010	Dibenz(a,h)anthracene	140	ug/Kg	U
SEE10221055DWS1	10/22/2010	Dibenz(a,h)anthracene	130	ug/Kg	U
SEE10191010JWP1	10/19/2010	Dibenz(a,h)anthracene	130	ug/Kg	U
SEE10181430JWP1	10/18/2010	Dibenz(a,h)anthracene	130	ug/Kg	J
SEE10161115ARM1	10/16/2010	Dibenz(a,h)anthracene	130	ug/Kg	J
SEE10121155JDF1	10/12/2010	Dibenz(a,h)anthracene	130	ug/Kg	J
SEE09141515PML1	9/14/2010	Dibenz(a,h)anthracene	130	ug/Kg	J
SEE09021010PML1	9/2/2010	Dibenz(a,h)anthracene	130	ug/Kg	J
SEE08301015JRP1	8/30/2010	Dibenz(a,h)anthracene	130	ug/Kg	
SEE08301445JRP1	8/30/2010	Dibenz(a,h)anthracene	130	ug/Kg	
SEE10141015JDF1	10/14/2010	Dibenz(a,h)anthracene	120	ug/Kg	J
SEE10121415ARM1	10/12/2010	Dibenz(a,h)anthracene	120	ug/Kg	U
SEE10061051RCM1	10/6/2010	Dibenz(a,h)anthracene	120	ug/Kg	J
SEE10051415ARM1	10/5/2010	Dibenz(a,h)anthracene	120	ug/Kg	
SEE09211112RCM1	9/21/2010	Dibenz(a,h)anthracene	120	ug/Kg	
SEE09191445RCM1	9/19/2010	Dibenz(a,h)anthracene	120	ug/Kg	J
SEE09170839RCM1	9/17/2010	Dibenz(a,h)anthracene	120	ug/Kg	J
SEE09151145PML1	9/15/2010	Dibenz(a,h)anthracene	120	ug/Kg	J
SEE09151145PML1	9/15/2010	Dibenz(a,h)anthracene	120	ug/Kg	J
SEE09140945PML1	9/14/2010	Dibenz(a,h)anthracene	120	ug/Kg	J
SEE09131026RCM1	9/13/2010	Dibenz(a,h)anthracene	120	ug/Kg	J
SEE09090900JRP1	9/9/2010	Dibenz(a,h)anthracene	120	ug/Kg	
SEE09081205PML1	9/8/2010	Dibenz(a,h)anthracene	120	ug/Kg	J
SEE09051550MHS1	9/5/2010	Dibenz(a,h)anthracene	120	ug/Kg	J
SEE09030925PML1	9/3/2010	Dibenz(a,h)anthracene	120	ug/Kg	J
SEE08301638MHS1	8/30/2010	Dibenz(a,h)anthracene	120	ug/Kg	J
SEE09181235PML1	9/18/2010	Dibenz(a,h)anthracene	110	ug/Kg	J
SEE09081010PML1	9/8/2010	Dibenz(a,h)anthracene	110	ug/Kg	J
SEE10141150JDF1	10/14/2010	Dibenz(a,h)anthracene	100	ug/Kg	J
SEE10041138RCM1	10/4/2010	Dibenz(a,h)anthracene	100	ug/Kg	J
SEE09260930RCM1	9/26/2010	Dibenz(a,h)anthracene	100	ug/Kg	J
SEE09181705PML1	9/18/2010	Dibenz(a,h)anthracene	100	ug/Kg	J
SEE09161035RCM1	9/16/2010	Dibenz(a,h)anthracene	100	ug/Kg	J
SEE09061130MHS1	9/6/2010	Dibenz(a,h)anthracene	100	ug/Kg	J
SEE10101215PML1	10/10/2010	Dibenz(a,h)anthracene	99	ug/Kg	J
SEE10101215PML1	10/10/2010	Dibenz(a,h)anthracene	99	ug/Kg	J



**TABLE B-2b**  
**Upstream Sediment Samples (Morrow Lake)**

Sample ID	Sample Date	Analyte	Result	Unit	Data Qualifier
SEE10061640PML1	10/6/2010	Dibenz(a,h)anthracene	99	ug/Kg	J
SEE10061640PML1	10/6/2010	Dibenz(a,h)anthracene	99	ug/Kg	J
SEE10011120JDF1	10/1/2010	Dibenz(a,h)anthracene	99	ug/Kg	J
SEE08311045PML1	8/31/2010	Dibenz(a,h)anthracene	97	ug/Kg	J
SEE08311420PML1	8/31/2010	Dibenz(a,h)anthracene	96	ug/Kg	J
SEE08311420PML1	8/31/2010	Dibenz(a,h)anthracene	96	ug/Kg	J
SEE08271215PML1	8/27/2010	Dibenz(a,h)anthracene	96	ug/kg	J
SEE09191530PML1	9/19/2010	Dibenz(a,h)anthracene	94	ug/Kg	J
SEE08311010JRP1	8/31/2010	Dibenz(a,h)anthracene	94	ug/Kg	U
SEE10161415JDF1	10/16/2010	Dibenz(a,h)anthracene	93	ug/Kg	J
SEE09301205RCM1	9/30/2010	Dibenz(a,h)anthracene	93	ug/Kg	J
SEE09130915JRP1	9/13/2010	Dibenz(a,h)anthracene	93	ug/Kg	J
SEE08281505PML1	8/28/2010	Dibenz(a,h)anthracene	93	ug/kg	J
SEE09031140MHS1	9/3/2010	Dibenz(a,h)anthracene	90	ug/Kg	J
SEE08300920JRP1	8/30/2010	Dibenz(a,h)anthracene	90	ug/Kg	J
SEE09061105PML1	9/6/2010	Dibenz(a,h)anthracene	87	ug/Kg	J
SEE09031650PML1	9/3/2010	Dibenz(a,h)anthracene	87	ug/Kg	J
SEE09031650PML1	9/3/2010	Dibenz(a,h)anthracene	87	ug/Kg	J
SEE09250905RCM1	9/25/2010	Dibenz(a,h)anthracene	86	ug/Kg	J
SEE10081115PML1	10/8/2010	Dibenz(a,h)anthracene	84	ug/Kg	J
SEE08281630RCM1	8/28/2010	Dibenz(a,h)anthracene	84	ug/kg	J
SEE10141555ARM1	10/14/2010	Dibenz(a,h)anthracene	83	ug/Kg	J
SEE10101010PML1	10/10/2010	Dibenz(a,h)anthracene	82	ug/Kg	J
SEE09261215JDF1	9/26/2010	Dibenz(a,h)anthracene	82	ug/Kg	J
SEE08291550KAP1	8/29/2010	Dibenz(a,h)anthracene	82	ug/kg	J
SEE08301550PML1	8/30/2010	Dibenz(a,h)anthracene	81	ug/Kg	J
SEE10181035JDF1	10/18/2010	Dibenz(a,h)anthracene	80	ug/Kg	J
SEE09201115RCM1	9/20/2010	Dibenz(a,h)anthracene	80	ug/Kg	J
SEE09121436RCM1	9/12/2010	Dibenz(a,h)anthracene	80	ug/Kg	J
SEE08281215PML1	8/28/2010	Dibenz(a,h)anthracene	80	ug/kg	J
SEE09271500ARM1	9/27/2010	Dibenz(a,h)anthracene	79	ug/Kg	J
SEE09231645JDF1	9/23/2010	Dibenz(a,h)anthracene	79	ug/Kg	J
SEE09071050PML1	9/7/2010	Dibenz(a,h)anthracene	78	ug/Kg	J
SEE10091614PML1	10/9/2010	Dibenz(a,h)anthracene	77	ug/Kg	J
SEE09031100PML1	9/3/2010	Dibenz(a,h)anthracene	75	ug/Kg	J
SEE10221450DWS1	10/22/2010	Dibenz(a,h)anthracene	73	ug/Kg	U
SEE10141025ARM1	10/14/2010	Dibenz(a,h)anthracene	73	ug/Kg	U
SEE09220935RCM1	9/22/2010	Dibenz(a,h)anthracene	71	ug/Kg	J
SEE10211345JWP1	10/21/2010	Dibenz(a,h)anthracene	62	ug/Kg	U
SEE09200945PML1	9/20/2010	Dibenz(a,h)anthracene	61	ug/Kg	J
SEE09200945PML1	9/20/2010	Dibenz(a,h)anthracene	61	ug/Kg	J
SEE08271614TWH1	8/27/2010	Dibenz(a,h)anthracene	61	ug/kg	J
SEE09101625PML1	9/10/2010	Dibenz(a,h)anthracene	60	ug/Kg	J
SEE09231210JDF1	9/23/2010	Dibenz(a,h)anthracene	59	ug/Kg	J
SEE08261420RCM1	8/26/2010	Dibenz(a,h)anthracene	59	ug/kg	J
SEE09111015PML1	9/11/2010	Dibenz(a,h)anthracene	57	ug/Kg	J
SEE09101215PML1	9/10/2010	Dibenz(a,h)anthracene	56	ug/Kg	J
SEE08261445JRP1	8/26/2010	Dibenz(a,h)anthracene	56	ug/Kg	J
SEE09191040PML1	9/19/2010	Dibenz(a,h)anthracene	54	ug/Kg	J
SEE09151015PML1	9/15/2010	Dibenz(a,h)anthracene	53	ug/Kg	J
SEE09100945RCM1	9/10/2010	Dibenz(a,h)anthracene	52	ug/Kg	UJ
SEE09141312RCM1	9/14/2010	Dibenz(a,h)anthracene	50	ug/Kg	J
SEE09101022PML1	9/10/2010	Dibenz(a,h)anthracene	50	ug/Kg	J
SEE08281510TWH1	8/28/2010	Dibenz(a,h)anthracene	49	ug/kg	J
SEE09290915MAE1	9/29/2010	Dibenz(a,h)anthracene	48	ug/Kg	J
SEE09171445RCM1	9/17/2010	Dibenz(a,h)anthracene	48	ug/Kg	J
SEE10081035ARM1	10/8/2010	Dibenz(a,h)anthracene	47	ug/Kg	U
SEF10221050MAE3	10/22/2010	Dibenz(a,h)anthracene	46	ug/Kg	U
SEE09200911RCM1	9/20/2010	Dibenz(a,h)anthracene	46	ug/Kg	U
SEE08291354KAP1	8/29/2010	Dibenz(a,h)anthracene	46	ug/kg	J

**TABLE B-2b**  
**Upstream Sediment Samples (Morrow Lake)**

Sample ID	Sample Date	Analyte	Result	Unit	Data Qualifier
SEE09231205RCM1	9/23/2010	Dibenz(a,h)anthracene	45	ug/Kg	U
SEF10191135NAC3	10/19/2010	Dibenz(a,h)anthracene	44	ug/Kg	U
SEE10071151RCM1	10/7/2010	Dibenz(a,h)anthracene	44	ug/Kg	J
SEE09281445RCM1	9/28/2010	Dibenz(a,h)anthracene	44	ug/Kg	U
SEE09070930JRP1	9/7/2010	Dibenz(a,h)anthracene	44	ug/Kg	U
SEE08301100JRP1	8/30/2010	Dibenz(a,h)anthracene	44	ug/Kg	U
SEF10081108TDF3	10/8/2010	Dibenz(a,h)anthracene	43	ug/Kg	U
SEE10041045ARM1	10/4/2010	Dibenz(a,h)anthracene	43	ug/Kg	U
SEE10011043RCM1	10/1/2010	Dibenz(a,h)anthracene	43	ug/Kg	U
SEE09170935RCM1	9/17/2010	Dibenz(a,h)anthracene	43	ug/Kg	U
SEE08291421KAP1	8/29/2010	Dibenz(a,h)anthracene	43	ug/kg	J
SEF10151030PMB3	10/15/2010	Dibenz(a,h)anthracene	42	ug/Kg	U
SEF10121130PMB3	10/12/2010	Dibenz(a,h)anthracene	42	ug/Kg	U
SEF10051206TDF3	10/5/2010	Dibenz(a,h)anthracene	42	ug/Kg	U
SEE09131445RCM1	9/13/2010	Dibenz(a,h)anthracene	42	ug/Kg	J
SEE09100920JRP1	9/10/2010	Dibenz(a,h)anthracene	42	ug/Kg	UJ
SEE09051500JAW1	9/5/2010	Dibenz(a,h)anthracene	42	ug/Kg	U
SEB09011143JLS1	9/1/2010	Dibenz(a,h)anthracene	42	ug/Kg	U
SEE10131035ARM1	10/13/2010	Dibenz(a,h)anthracene	40	ug/Kg	U
SEE10051145RCM1	10/5/2010	Dibenz(a,h)anthracene	40	ug/Kg	U
SEE09221045ARM1	9/22/2010	Dibenz(a,h)anthracene	40	ug/Kg	U
SEE09080930JRP1	9/8/2010	Dibenz(a,h)anthracene	40	ug/Kg	U
SEE09011515JAW1	9/1/2010	Dibenz(a,h)anthracene	40	ug/Kg	U
SEE10191115JWP1	10/19/2010	Dibenz(a,h)anthracene	39	ug/Kg	U
SEF09281139TDF1	9/28/2010	Dibenz(a,h)anthracene	39	ug/Kg	U
SEE10181030JWP1	10/18/2010	Dibenz(a,h)anthracene	37	ug/Kg	U
SEE08311348MHS1	8/31/2010	Dibenz(a,h)anthracene	37	ug/Kg	J
SEE09201110ARM1	9/20/2010	Dibenz(a,h)anthracene	36	ug/Kg	J
SEE08271145RCM1	8/27/2010	Dibenz(a,h)anthracene	34	ug/kg	J
SEE08271652TWH1	8/27/2010	Dibenz(a,h)anthracene	34	ug/kg	J
SEE10061135ARM1	10/6/2010	Dibenz(a,h)anthracene	31	ug/Kg	J
SEE10071045ARM1	10/7/2010	Dibenz(a,h)anthracene	30	ug/Kg	J
SEE10011125ARM1	10/1/2010	Dibenz(a,h)anthracene	30	ug/Kg	J
SEE10121040ARM1	10/12/2010	Dibenz(a,h)anthracene	25	ug/Kg	J
SEE09171200ARM1	9/17/2010	Dibenz(a,h)anthracene	22	ug/Kg	J
SEE08291110PML1	8/29/2010	Dibenz(a,h)anthracene	22	ug/kg	J
SEF10011045TDF1	10/1/2010	Dibenz(a,h)anthracene	20	ug/Kg	J
SEE08291445PML1	8/29/2010	Dibenz(a,h)anthracene	20	ug/kg	J
SEE09051500MHS1	9/5/2010	Dibenz(a,h)anthracene	19	ug/Kg	J
SEE09301025MAE1	9/30/2010	Dibenz(a,h)anthracene	18	ug/Kg	J
SEE08261700JRP1	8/26/2010	Dibenz(a,h)anthracene	18	ug/Kg	J
SEE09231035ARM1	9/23/2010	Dibenz(a,h)anthracene	17	ug/Kg	J
SEE09150915JRP1	9/15/2010	Dibenz(a,h)anthracene	16	ug/Kg	J
SEE08301410JRP1	8/30/2010	Dibenz(a,h)anthracene	15	ug/Kg	J
SEE08281540JRP1	8/28/2010	Dibenz(a,h)anthracene	15	ug/kg	J
SEE09140945JRP1	9/14/2010	Dibenz(a,h)anthracene	14	ug/Kg	J
SEE09251235ARM1	9/25/2010	Dibenz(a,h)anthracene	12	ug/Kg	J
SEE09211120ARM1	9/21/2010	Dibenz(a,h)anthracene	12	ug/Kg	J
SEE08271445JRP1	8/27/2010	Dibenz(a,h)anthracene	12	ug/kg	J
SEE08271536TWH1	8/27/2010	Dibenz(a,h)anthracene	7.2	ug/kg	J
ML-03-S-082310	8/23/2010	Dibenz(a,h)anthracene	0.39	mg/Kg	
ML-05-S-082310	8/23/2010	Dibenz(a,h)anthracene	0.35	mg/Kg	
ML-02-S-082310	8/23/2010	Dibenz(a,h)anthracene	0.34	mg/Kg	
ML-04-S-082610	8/26/2010	Dibenz(a,h)anthracene	0.31	mg/Kg	
ML-06-S-082310	8/23/2010	Dibenz(a,h)anthracene	0.27	mg/Kg	J
ML-03-S-082010	8/20/2010	Dibenz(a,h)anthracene	0.25	mg/Kg	
ML-10-S-082610	8/26/2010	Dibenz(a,h)anthracene	0.24	mg/Kg	J
ML-10-S-082610	8/26/2010	Dibenz(a,h)anthracene	0.24	mg/Kg	J
ML-03-S-081610	8/16/2010	Dibenz(a,h)anthracene	0.22	mg/Kg	
ML-05-S-082610	8/26/2010	Dibenz(a,h)anthracene	0.21	mg/Kg	

**TABLE B-2b**  
**Upstream Sediment Samples (Morrow Lake)**

Sample ID	Sample Date	Analyte	Result	Unit	Data Qualifier
ML-05-S-081710	8/17/2010	Dibenz(a,h)anthracene	0.20	mg/Kg	J
ML-05-S-082010	8/20/2010	Dibenz(a,h)anthracene	0.19	mg/Kg	
ML-02-S-082510	8/25/2010	Dibenz(a,h)anthracene	0.18	mg/Kg	
ML-01-S-082110	8/21/2010	Dibenz(a,h)anthracene	0.17	mg/Kg	
ML-02-S-082010	8/20/2010	Dibenz(a,h)anthracene	0.16	mg/Kg	
ML-01-S-082510	8/25/2010	Dibenz(a,h)anthracene	0.15	mg/Kg	
ML-03-S-082510	8/25/2010	Dibenz(a,h)anthracene	0.15	mg/Kg	
ML-04-S-082410	8/24/2010	Dibenz(a,h)anthracene	0.15	mg/Kg	J
ML-01-S-081610	8/16/2010	Dibenz(a,h)anthracene	0.14	mg/Kg	J
ML-04-S-082010	8/20/2010	Dibenz(a,h)anthracene	0.13	mg/Kg	
ML-07-S-082110	8/21/2010	Dibenz(a,h)anthracene	0.12	mg/Kg	J
ML-07-S-082410	8/24/2010	Dibenz(a,h)anthracene	0.11	mg/Kg	J
ML-01-S-081910	8/19/2010	Dibenz(a,h)anthracene	0.097	mg/Kg	J
ML-07-S-081610	8/16/2010	Dibenz(a,h)anthracene	0.096	mg/Kg	J
ML-08-S-081610	8/16/2010	Dibenz(a,h)anthracene	0.096	mg/Kg	J
ML-10-S-082110	8/21/2010	Dibenz(a,h)anthracene	0.094	mg/Kg	J
ML-10-S-082110	8/21/2010	Dibenz(a,h)anthracene	0.094	mg/Kg	J
ML-06-S-082510	8/25/2010	Dibenz(a,h)anthracene	0.092	mg/Kg	J
ML-04-S-081710	8/17/2010	Dibenz(a,h)anthracene	0.091	mg/Kg	J
ML-07-S-082510	8/25/2010	Dibenz(a,h)anthracene	0.090	mg/Kg	J
ML-08-S-082510	8/25/2010	Dibenz(a,h)anthracene	0.090	mg/Kg	J
ML-10-S-082410	8/24/2010	Dibenz(a,h)anthracene	0.090	mg/Kg	J
ML-10-S-082410	8/24/2010	Dibenz(a,h)anthracene	0.090	mg/Kg	J
ML-08-S-082110	8/21/2010	Dibenz(a,h)anthracene	0.088	mg/Kg	J
ML-02-S-081710	8/17/2010	Dibenz(a,h)anthracene	0.088	mg/Kg	J
ML-09-S-082110	8/21/2010	Dibenz(a,h)anthracene	0.086	mg/Kg	J
ML-09-S-082510	8/25/2010	Dibenz(a,h)anthracene	0.083	mg/Kg	J
ML-09-S-082410	8/24/2010	Dibenz(a,h)anthracene	0.076	mg/Kg	J
ML-10-S-081610	8/16/2010	Dibenz(a,h)anthracene	0.076	mg/Kg	J
ML-10-S-081610	8/16/2010	Dibenz(a,h)anthracene	0.076	mg/Kg	J
ML-06-S-082010	8/20/2010	Dibenz(a,h)anthracene	0.066	mg/Kg	J
ML-08-S-082410	8/24/2010	Dibenz(a,h)anthracene	0.063	mg/Kg	J
ML-06-S-081710	8/17/2010	Dibenz(a,h)anthracene	0.056	mg/Kg	J
ML-09-S-081810	8/18/2010	Dibenz(a,h)anthracene	0.051	mg/Kg	J
ML-10-S-081910	8/19/2010	Dibenz(a,h)anthracene	0.044	mg/Kg	J
ML-10-S-081910	8/19/2010	Dibenz(a,h)anthracene	0.044	mg/Kg	J
ML-07-S-081810	8/18/2010	Dibenz(a,h)anthracene	0.037	mg/Kg	J
SEE09051430PML1	9/5/2010	Dibenzofuran	3000	ug/Kg	U
SEE09011635PML1	9/1/2010	Dibenzofuran	3000	ug/Kg	U
SEE08271145RCM1	8/27/2010	Dibenzofuran	1600	ug/kg	U
SEE08261620RCM1	8/26/2010	Dibenzofuran	1400	ug/kg	U
SEE08261420RCM1	8/26/2010	Dibenzofuran	1200	ug/kg	U
SEE10211035JDF1	10/21/2010	Dibenzofuran	960	ug/Kg	UJ
SEE10051125PML1	10/5/2010	Dibenzofuran	930	ug/Kg	U
SEE09061500PML1	9/6/2010	Dibenzofuran	920	ug/Kg	U
SEE09021400PML1	9/2/2010	Dibenzofuran	920	ug/Kg	U
SEE09301105JDF1	9/30/2010	Dibenzofuran	910	ug/Kg	U
SEE08301130PML1	8/30/2010	Dibenzofuran	910	ug/Kg	U
SEE10191005JDF1	10/19/2010	Dibenzofuran	880	ug/Kg	U
SEE10171410JDF1	10/17/2010	Dibenzofuran	880	ug/Kg	U
SEE09181235PML1	9/18/2010	Dibenzofuran	880	ug/Kg	U
SEE09101022PML1	9/10/2010	Dibenzofuran	880	ug/Kg	UJ
SEE09011545PML1	9/1/2010	Dibenzofuran	870	ug/Kg	U
SEE10211430JDF1	10/21/2010	Dibenzofuran	860	ug/Kg	U
SEE09231645JDF1	9/23/2010	Dibenzofuran	860	ug/Kg	U
SEE09141135PML1	9/14/2010	Dibenzofuran	860	ug/Kg	U
SEE09091410RCM1	9/9/2010	Dibenzofuran	860	ug/Kg	U
SEE10081115PML1	10/8/2010	Dibenzofuran	850	ug/Kg	U
SEE09121105RCM1	9/12/2010	Dibenzofuran	850	ug/Kg	UJ
SEE09101215PML1	9/10/2010	Dibenzofuran	850	ug/Kg	UJ

**TABLE B-2b**  
**Upstream Sediment Samples (Morrow Lake)**

Sample ID	Sample Date	Analyte	Result	Unit	Data Qualifier
SEE09081020RCM1	9/8/2010	Dibenzofuran	850	ug/Kg	U
SEE09031645MHS1	9/3/2010	Dibenzofuran	850	ug/Kg	U
SEE09011545MHS1	9/1/2010	Dibenzofuran	850	ug/Kg	U
SEE08311420PML1	8/31/2010	Dibenzofuran	850	ug/Kg	U
SEE08311420PML1	8/31/2010	Dibenzofuran	850	ug/Kg	U
SEE10131150JDF1	10/13/2010	Dibenzofuran	840	ug/Kg	U
SEE09301255JDF1	9/30/2010	Dibenzofuran	840	ug/Kg	U
SEE10221110JDF1	10/22/2010	Dibenzofuran	830	ug/Kg	U
SEE10221110JDF1	10/22/2010	Dibenzofuran	830	ug/Kg	U
SEE09030925PML1	9/3/2010	Dibenzofuran	830	ug/Kg	U
SEE08281607TWH1	8/28/2010	Dibenzofuran	830	ug/kg	U
SEE08281630RCM1	8/28/2010	Dibenzofuran	830	ug/kg	U
SEE10191515JDF1	10/19/2010	Dibenzofuran	820	ug/Kg	U
SEE10091401PML1	10/9/2010	Dibenzofuran	820	ug/Kg	UJ
SEE09051550MHS1	9/5/2010	Dibenzofuran	820	ug/Kg	U
SEE09291023RCM1	9/29/2010	Dibenzofuran	810	ug/Kg	U
SEE09121436RCM1	9/12/2010	Dibenzofuran	810	ug/Kg	UJ
SEE09021010PML1	9/2/2010	Dibenzofuran	810	ug/Kg	U
SEE10041530JDF1	10/4/2010	Dibenzofuran	800	ug/Kg	U
SEE09101625PML1	9/10/2010	Dibenzofuran	800	ug/Kg	UJ
SEE09061525MHS1	9/6/2010	Dibenzofuran	800	ug/Kg	U
SEE09031100PML1	9/3/2010	Dibenzofuran	800	ug/Kg	U
SEE08301638MHS1	8/30/2010	Dibenzofuran	800	ug/Kg	U
SEE10191415JDF1	10/19/2010	Dibenzofuran	790	ug/Kg	U
SEE10181035JDF1	10/18/2010	Dibenzofuran	790	ug/Kg	U
SEE10091614PML1	10/9/2010	Dibenzofuran	790	ug/Kg	UJ
SEE10051653PML1	10/5/2010	Dibenzofuran	790	ug/Kg	U
SEE09231210JDF1	9/23/2010	Dibenzofuran	790	ug/Kg	U
SEE09141515PML1	9/14/2010	Dibenzofuran	790	ug/Kg	U
SEE09131026RCM1	9/13/2010	Dibenzofuran	790	ug/Kg	U
SEE09051130PML1	9/5/2010	Dibenzofuran	790	ug/Kg	U
SEE08301550PML1	8/30/2010	Dibenzofuran	790	ug/Kg	U
SEE10191155JDF1	10/19/2010	Dibenzofuran	780	ug/Kg	U
SEE10171115JDF1	10/17/2010	Dibenzofuran	780	ug/Kg	U
SEE10141015JDF1	10/14/2010	Dibenzofuran	780	ug/Kg	U
SEE09220935RCM1	9/22/2010	Dibenzofuran	780	ug/Kg	U
SEE09191445RCM1	9/19/2010	Dibenzofuran	780	ug/Kg	U
SEE09161045PML1	9/16/2010	Dibenzofuran	780	ug/Kg	U
SEE09071050PML1	9/7/2010	Dibenzofuran	780	ug/Kg	U
SEE10211010JWP1	10/21/2010	Dibenzofuran	770	ug/Kg	U
SEE10181510JDF1	10/18/2010	Dibenzofuran	770	ug/Kg	U
SEE10181510JDF1	10/18/2010	Dibenzofuran	770	ug/Kg	U
SEE10061205PML1	10/6/2010	Dibenzofuran	770	ug/Kg	U
SEE10031115JDF1	10/3/2010	Dibenzofuran	770	ug/Kg	U
SEE10031115JDF1	10/3/2010	Dibenzofuran	770	ug/Kg	U
SEE09171415PML1	9/17/2010	Dibenzofuran	770	ug/Kg	U
SEE09140945PML1	9/14/2010	Dibenzofuran	770	ug/Kg	U
SEE09131445RCM1	9/13/2010	Dibenzofuran	770	ug/Kg	U
SEE09131505PML1	9/13/2010	Dibenzofuran	770	ug/Kg	U
SEE08301145MHS1	8/30/2010	Dibenzofuran	770	ug/Kg	U
SEE10141555ARM1	10/14/2010	Dibenzofuran	760	ug/Kg	U
SEE10101215PML1	10/10/2010	Dibenzofuran	760	ug/Kg	U
SEE10101215PML1	10/10/2010	Dibenzofuran	760	ug/Kg	U
SEE09170839RCM1	9/17/2010	Dibenzofuran	760	ug/Kg	U
SEE09081205PML1	9/8/2010	Dibenzofuran	760	ug/Kg	U
SEE09031140MHS1	9/3/2010	Dibenzofuran	760	ug/Kg	U
SEE10061051RCM1	10/6/2010	Dibenzofuran	750	ug/Kg	U
SEE10041138RCM1	10/4/2010	Dibenzofuran	750	ug/Kg	U
SEE09251135JDF1	9/25/2010	Dibenzofuran	750	ug/Kg	U
SEE09200945PML1	9/20/2010	Dibenzofuran	750	ug/Kg	U

**TABLE B-2b**  
**Upstream Sediment Samples (Morrow Lake)**

Sample ID	Sample Date	Analyte	Result	Unit	Data Qualifier
SEE09200945PML1	9/20/2010	Dibenzofuran	750	ug/Kg	U
SEE09191040PML1	9/19/2010	Dibenzofuran	750	ug/Kg	U
SEE09181705PML1	9/18/2010	Dibenzofuran	750	ug/Kg	U
SEE09091005RCM1	9/9/2010	Dibenzofuran	750	ug/Kg	U
SEE09061105PML1	9/6/2010	Dibenzofuran	750	ug/Kg	U
SEE09031650PML1	9/3/2010	Dibenzofuran	750	ug/Kg	U
SEE09031650PML1	9/3/2010	Dibenzofuran	750	ug/Kg	U
SEE10191100JDF1	10/19/2010	Dibenzofuran	740	ug/Kg	U
SEE10141150JDF1	10/14/2010	Dibenzofuran	740	ug/Kg	U
SEE10101010PML1	10/10/2010	Dibenzofuran	740	ug/Kg	U
SEE10081051RCM1	10/8/2010	Dibenzofuran	740	ug/Kg	U
SEE09261625JDF1	9/26/2010	Dibenzofuran	740	ug/Kg	U
SEE09261625JDF1	9/26/2010	Dibenzofuran	740	ug/Kg	U
SEE09191530PML1	9/19/2010	Dibenzofuran	740	ug/Kg	U
SEE09151145PML1	9/15/2010	Dibenzofuran	740	ug/Kg	U
SEE09151145PML1	9/15/2010	Dibenzofuran	740	ug/Kg	U
SEE09121055PML1	9/12/2010	Dibenzofuran	740	ug/Kg	UJ
SEE09121055PML1	9/12/2010	Dibenzofuran	740	ug/Kg	UJ
SEE09091515PML1	9/9/2010	Dibenzofuran	740	ug/Kg	U
SEE09081010PML1	9/8/2010	Dibenzofuran	740	ug/Kg	U
SEE08311045PML1	8/31/2010	Dibenzofuran	740	ug/Kg	U
SEE10161530JDF1	10/16/2010	Dibenzofuran	730	ug/Kg	U
SEE10141550JDF1	10/14/2010	Dibenzofuran	730	ug/Kg	U
SEE10141550JDF1	10/14/2010	Dibenzofuran	730	ug/Kg	U
SEE10121155JDF1	10/12/2010	Dibenzofuran	730	ug/Kg	U
SEE10011120JDF1	10/1/2010	Dibenzofuran	730	ug/Kg	UJ
SEE09260930RCM1	9/26/2010	Dibenzofuran	730	ug/Kg	U
SEE09230955RCM1	9/23/2010	Dibenzofuran	730	ug/Kg	U
SEE09151015PML1	9/15/2010	Dibenzofuran	730	ug/Kg	U
SEE09111015PML1	9/11/2010	Dibenzofuran	730	ug/Kg	UJ
SEE08281505PML1	8/28/2010	Dibenzofuran	730	ug/kg	U
SEE10181210JDF1	10/18/2010	Dibenzofuran	720	ug/Kg	U
SEE10150945JDF1	10/15/2010	Dibenzofuran	720	ug/Kg	U
SEE10120930JDF1	10/12/2010	Dibenzofuran	720	ug/Kg	U
SEE10081231PML1	10/8/2010	Dibenzofuran	720	ug/Kg	U
SEE10071042RCM1	10/7/2010	Dibenzofuran	720	ug/Kg	U
SEE10071101PML1	10/7/2010	Dibenzofuran	720	ug/Kg	U
SEE09261215JDF1	9/26/2010	Dibenzofuran	720	ug/Kg	U
SEE09011050PML1	9/1/2010	Dibenzofuran	720	ug/Kg	U
SEE08271215PML1	8/27/2010	Dibenzofuran	720	ug/kg	U
SEE10221055DWS1	10/22/2010	Dibenzofuran	710	ug/Kg	U
SEE09221440JDF1	9/22/2010	Dibenzofuran	710	ug/Kg	U
SEE09040950PML1	9/4/2010	Dibenzofuran	710	ug/Kg	U
SEE10181430JWP1	10/18/2010	Dibenzofuran	700	ug/Kg	U
SEE10161115ARM1	10/16/2010	Dibenzofuran	700	ug/Kg	U
SEE10061640PML1	10/6/2010	Dibenzofuran	700	ug/Kg	U
SEE10061640PML1	10/6/2010	Dibenzofuran	700	ug/Kg	U
SEE09301205RCM1	9/30/2010	Dibenzofuran	700	ug/Kg	U
SEE09211155JDF1	9/21/2010	Dibenzofuran	700	ug/Kg	UJ
SEE09201115RCM1	9/20/2010	Dibenzofuran	700	ug/Kg	U
SEE09171445RCM1	9/17/2010	Dibenzofuran	700	ug/Kg	U
SEE09161035RCM1	9/16/2010	Dibenzofuran	700	ug/Kg	U
SEE10191010JWP1	10/19/2010	Dibenzofuran	690	ug/Kg	U
SEE10041150JDF1	10/4/2010	Dibenzofuran	690	ug/Kg	U
SEE09121450PML1	9/12/2010	Dibenzofuran	690	ug/Kg	UJ
SEE08301520JRP1	8/30/2010	Dibenzofuran	690	ug/Kg	U
SEE08271614TWH1	8/27/2010	Dibenzofuran	690	ug/kg	U
SEE10111125JDF1	10/11/2010	Dibenzofuran	680	ug/Kg	U
SEE09271130JDF1	9/27/2010	Dibenzofuran	680	ug/Kg	U
SEE09131620PML1	9/13/2010	Dibenzofuran	680	ug/Kg	UJ

**TABLE B-2b**  
**Upstream Sediment Samples (Morrow Lake)**

Sample ID	Sample Date	Analyte	Result	Unit	Data Qualifier
SEE09061130MHS1	9/6/2010	Dibenzofuran	680	ug/Kg	U
SEE08261445JRP1	8/26/2010	Dibenzofuran	680	ug/Kg	U
SEE10031425JDF1	10/3/2010	Dibenzofuran	670	ug/Kg	U
SEE09291035JDF1	9/29/2010	Dibenzofuran	670	ug/Kg	U
SEE09250905RCM1	9/25/2010	Dibenzofuran	670	ug/Kg	U
SEE09211530JDF1	9/21/2010	Dibenzofuran	670	ug/Kg	UJ
SEE09131125PML1	9/13/2010	Dibenzofuran	670	ug/Kg	U
SEE09091605PML1	9/9/2010	Dibenzofuran	670	ug/Kg	U
SEE09041350PML1	9/4/2010	Dibenzofuran	670	ug/Kg	U
SEE09011255PML1	9/1/2010	Dibenzofuran	670	ug/Kg	U
SEE09170945PML1	9/17/2010	Dibenzofuran	660	ug/Kg	U
SEE09091145PML1	9/9/2010	Dibenzofuran	660	ug/Kg	U
SEE08301445JRP1	8/30/2010	Dibenzofuran	660	ug/Kg	U
SEE08271500PML1	8/27/2010	Dibenzofuran	660	ug/kg	U
SEE09091410PML1	9/9/2010	Dibenzofuran	650	ug/Kg	U
SEE09171125PML1	9/17/2010	Dibenzofuran	640	ug/Kg	U
SEE09051015PML1	9/5/2010	Dibenzofuran	640	ug/Kg	U
SEE10161415JDF1	10/16/2010	Dibenzofuran	630	ug/Kg	U
SEE10111101JDF1	10/11/2010	Dibenzofuran	630	ug/Kg	U
SEE09130940PML1	9/13/2010	Dibenzofuran	630	ug/Kg	U
SEE08301015JRP1	8/30/2010	Dibenzofuran	630	ug/Kg	U
SEE10121415ARM1	10/12/2010	Dibenzofuran	620	ug/Kg	U
SEE10071540PML1	10/7/2010	Dibenzofuran	620	ug/Kg	U
SEE09031115JAW1	9/3/2010	Dibenzofuran	620	ug/Kg	U
SEE08301530JAW1	8/30/2010	Dibenzofuran	620	ug/Kg	U
SEE10161055JDF1	10/16/2010	Dibenzofuran	610	ug/Kg	U
SEE10071205PML1	10/7/2010	Dibenzofuran	610	ug/Kg	U
SEE09271515JDF1	9/27/2010	Dibenzofuran	610	ug/Kg	U
SEE09211112RCM1	9/21/2010	Dibenzofuran	610	ug/Kg	UJ
SEE09201645ARM1	9/20/2010	Dibenzofuran	610	ug/Kg	U
SEE09171530PML1	9/17/2010	Dibenzofuran	610	ug/Kg	U
SEE09091010PML1	9/9/2010	Dibenzofuran	610	ug/Kg	U
SEE09091025JRP1	9/9/2010	Dibenzofuran	610	ug/Kg	U
SEE10111350JDF1	10/11/2010	Dibenzofuran	600	ug/Kg	U
SEE09290925JDF1	9/29/2010	Dibenzofuran	600	ug/Kg	U
SEE09221105JDF1	9/22/2010	Dibenzofuran	600	ug/Kg	U
SEE09221615JDF1	9/22/2010	Dibenzofuran	600	ug/Kg	U
SEE10151055ARM1	10/15/2010	Dibenzofuran	590	ug/Kg	U
SEE09301255MAE1	9/30/2010	Dibenzofuran	590	ug/Kg	U
SEE09011145PML1	9/1/2010	Dibenzofuran	590	ug/Kg	U
SEE08291110PML1	8/29/2010	Dibenzofuran	590	ug/kg	U
SEE10041050JDF1	10/4/2010	Dibenzofuran	580	ug/Kg	U
SEE09231130ARM1	9/23/2010	Dibenzofuran	580	ug/Kg	U
SEE10121030JDF1	10/12/2010	Dibenzofuran	570	ug/Kg	U
SEE10041335JDF1	10/4/2010	Dibenzofuran	570	ug/Kg	U
SEE09271025ARM1	9/27/2010	Dibenzofuran	570	ug/Kg	U
SEE08281215PML1	8/28/2010	Dibenzofuran	570	ug/kg	U
SEE08281420TWH1	8/28/2010	Dibenzofuran	570	ug/kg	U
SEE10040945JDF1	10/4/2010	Dibenzofuran	560	ug/Kg	U
SEE09130955JRP1	9/13/2010	Dibenzofuran	560	ug/Kg	U
SEE09291645JDF1	9/29/2010	Dibenzofuran	550	ug/Kg	U
SEE08281510TWH1	8/28/2010	Dibenzofuran	540	ug/kg	U
SEE09141312RCM1	9/14/2010	Dibenzofuran	530	ug/Kg	U
SEE08291421KAP1	8/29/2010	Dibenzofuran	510	ug/kg	U
SEE08271652TWH1	8/27/2010	Dibenzofuran	500	ug/kg	U
SEE10151355ARM1	10/15/2010	Dibenzofuran	480	ug/Kg	U
SEE10041355ARM1	10/4/2010	Dibenzofuran	480	ug/Kg	U
SEE09090900JRP1	9/9/2010	Dibenzofuran	470	ug/Kg	U
SEE08311010JRP1	8/31/2010	Dibenzofuran	470	ug/Kg	U
SEE08311348MHS1	8/31/2010	Dibenzofuran	470	ug/Kg	U

**TABLE B-2b**  
**Upstream Sediment Samples (Morrow Lake)**

Sample ID	Sample Date	Analyte	Result	Unit	Data Qualifier
SEE10170915JDF1	10/17/2010	Dibenzofuran	460	ug/Kg	U
SEE10071415ARM1	10/7/2010	Dibenzofuran	460	ug/Kg	U
SEE09291135JDF1	9/29/2010	Dibenzofuran	460	ug/Kg	U
SEE10071151RCM1	10/7/2010	Dibenzofuran	430	ug/Kg	U
SEE08300920JRP1	8/30/2010	Dibenzofuran	410	ug/Kg	U
SEE08291550KAP1	8/29/2010	Dibenzofuran	410	ug/kg	U
SEE10221450DWS1	10/22/2010	Dibenzofuran	390	ug/Kg	U
SEE09051500MHS1	9/5/2010	Dibenzofuran	380	ug/Kg	U
SEE10141025ARM1	10/14/2010	Dibenzofuran	370	ug/Kg	U
SEE10211345JWP1	10/21/2010	Dibenzofuran	330	ug/Kg	U
SEE10091200ARM1	10/9/2010	Dibenzofuran	330	ug/Kg	UJ
SEE09130915JRP1	9/13/2010	Dibenzofuran	330	ug/Kg	U
SEE08291354KAP1	8/29/2010	Dibenzofuran	330	ug/kg	U
SEE09061610JAW1	9/6/2010	Dibenzofuran	290	ug/Kg	U
SEE10051415ARM1	10/5/2010	Dibenzofuran	280	ug/Kg	U
SEE08291445PML1	8/29/2010	Dibenzofuran	270	ug/kg	U
SEE08261700JRP1	8/26/2010	Dibenzofuran	270	ug/Kg	U
SEE09100945RCM1	9/10/2010	Dibenzofuran	260	ug/Kg	UJ
SEE08301410JRP1	8/30/2010	Dibenzofuran	260	ug/Kg	U
SEE10011125ARM1	10/1/2010	Dibenzofuran	250	ug/Kg	UJ
SEE09211120ARM1	9/21/2010	Dibenzofuran	250	ug/Kg	UJ
SEE09201110ARM1	9/20/2010	Dibenzofuran	250	ug/Kg	U
SEF10221050MAE3	10/22/2010	Dibenzofuran	240	ug/Kg	U
SEF10191135NAC3	10/19/2010	Dibenzofuran	240	ug/Kg	U
SEE10081035ARM1	10/8/2010	Dibenzofuran	240	ug/Kg	U
SEE09171200ARM1	9/17/2010	Dibenzofuran	240	ug/Kg	U
SEF10011045TDF1	10/1/2010	Dibenzofuran	230	ug/Kg	UJ
SEE09290915MAE1	9/29/2010	Dibenzofuran	230	ug/Kg	U
SEE09271500ARM1	9/27/2010	Dibenzofuran	230	ug/Kg	U
SEE09231205RCM1	9/23/2010	Dibenzofuran	230	ug/Kg	U
SEE09200911RCM1	9/20/2010	Dibenzofuran	230	ug/Kg	U
SEE09140945JRP1	9/14/2010	Dibenzofuran	230	ug/Kg	U
SEE08271445JRP1	8/27/2010	Dibenzofuran	230	ug/kg	U
SEF10081108TDF3	10/8/2010	Dibenzofuran	220	ug/Kg	U
SEE10071045ARM1	10/7/2010	Dibenzofuran	220	ug/Kg	U
SEE10041045ARM1	10/4/2010	Dibenzofuran	220	ug/Kg	U
SEE10011043RCM1	10/1/2010	Dibenzofuran	220	ug/Kg	UJ
SEE09281445RCM1	9/28/2010	Dibenzofuran	220	ug/Kg	U
SEE09251235ARM1	9/25/2010	Dibenzofuran	220	ug/Kg	U
SEE09231035ARM1	9/23/2010	Dibenzofuran	220	ug/Kg	U
SEE09170935RCM1	9/17/2010	Dibenzofuran	220	ug/Kg	U
SEE09150915JRP1	9/15/2010	Dibenzofuran	220	ug/Kg	U
SEE09070930JRP1	9/7/2010	Dibenzofuran	220	ug/Kg	U
SEB09011143JLS1	9/1/2010	Dibenzofuran	220	ug/Kg	U
SEE08301100JRP1	8/30/2010	Dibenzofuran	220	ug/Kg	U
SEE08271536TWH1	8/27/2010	Dibenzofuran	220	ug/kg	U
SEE10191115JWP1	10/19/2010	Dibenzofuran	210	ug/Kg	U
SEF10151030PMB3	10/15/2010	Dibenzofuran	210	ug/Kg	U
SEF10121130PMB3	10/12/2010	Dibenzofuran	210	ug/Kg	U
SEE10061135ARM1	10/6/2010	Dibenzofuran	210	ug/Kg	U
SEF10051206TDF3	10/5/2010	Dibenzofuran	210	ug/Kg	U
SEE09100920JRP1	9/10/2010	Dibenzofuran	210	ug/Kg	UJ
SEE09051500JAW1	9/5/2010	Dibenzofuran	210	ug/Kg	U
SEB08281400JLS1	8/28/2010	Dibenzofuran	210	ug/kg	U
SEE08281540JRP1	8/28/2010	Dibenzofuran	210	ug/kg	U
SEE10131035ARM1	10/13/2010	Dibenzofuran	200	ug/Kg	U
SEE10121040ARM1	10/12/2010	Dibenzofuran	200	ug/Kg	U
SEE10051145RCM1	10/5/2010	Dibenzofuran	200	ug/Kg	U
SEE09301025MAE1	9/30/2010	Dibenzofuran	200	ug/Kg	U
SEF09281139TDF1	9/28/2010	Dibenzofuran	200	ug/Kg	U

**TABLE B-2b**  
**Upstream Sediment Samples (Morrow Lake)**

Sample ID	Sample Date	Analyte	Result	Unit	Data Qualifier
SEE09221045ARM1	9/22/2010	Dibenzofuran	200	ug/Kg	U
SEE09080930JRP1	9/8/2010	Dibenzofuran	200	ug/Kg	U
SEE09011515JAW1	9/1/2010	Dibenzofuran	200	ug/Kg	U
SEE10181030JWP1	10/18/2010	Dibenzofuran	190	ug/Kg	U
SEE10171535ARM1	10/17/2010	Dibenzofuran	68	ug/Kg	J
ML-07-S-081810	8/18/2010	Dibenzofuran	0.37	mg/Kg	UJ
ML-06-S-082310	8/23/2010	Dibenzofuran	0.33	mg/Kg	U
ML-04-S-081710	8/17/2010	Dibenzofuran	0.32	mg/Kg	U
ML-04-S-082610	8/26/2010	Dibenzofuran	0.31	mg/Kg	U
ML-03-S-082310	8/23/2010	Dibenzofuran	0.31	mg/Kg	U
ML-10-S-081910	8/19/2010	Dibenzofuran	0.31	mg/Kg	U
ML-10-S-081910	8/19/2010	Dibenzofuran	0.31	mg/Kg	U
ML-09-S-081810	8/18/2010	Dibenzofuran	0.31	mg/Kg	UJ
ML-06-S-081710	8/17/2010	Dibenzofuran	0.31	mg/Kg	U
ML-10-S-082610	8/26/2010	Dibenzofuran	0.30	mg/Kg	U
ML-10-S-082610	8/26/2010	Dibenzofuran	0.30	mg/Kg	U
ML-01-S-081910	8/19/2010	Dibenzofuran	0.27	mg/Kg	U
ML-05-S-081710	8/17/2010	Dibenzofuran	0.26	mg/Kg	U
ML-02-S-081710	8/17/2010	Dibenzofuran	0.24	mg/Kg	U
ML-06-S-082510	8/25/2010	Dibenzofuran	0.18	mg/Kg	U
ML-05-S-082610	8/26/2010	Dibenzofuran	0.17	mg/Kg	U
ML-07-S-082510	8/25/2010	Dibenzofuran	0.17	mg/Kg	U
ML-08-S-082110	8/21/2010	Dibenzofuran	0.17	mg/Kg	U
ML-07-S-081610	8/16/2010	Dibenzofuran	0.17	mg/Kg	U
ML-08-S-081610	8/16/2010	Dibenzofuran	0.17	mg/Kg	U
ML-08-S-082510	8/25/2010	Dibenzofuran	0.16	mg/Kg	U
ML-08-S-082410	8/24/2010	Dibenzofuran	0.16	mg/Kg	UJ
ML-06-S-082010	8/20/2010	Dibenzofuran	0.16	mg/Kg	U
ML-09-S-082510	8/25/2010	Dibenzofuran	0.15	mg/Kg	U
ML-10-S-082410	8/24/2010	Dibenzofuran	0.15	mg/Kg	UJ
ML-10-S-082410	8/24/2010	Dibenzofuran	0.15	mg/Kg	UJ
ML-09-S-082110	8/21/2010	Dibenzofuran	0.15	mg/Kg	U
ML-10-S-082110	8/21/2010	Dibenzofuran	0.15	mg/Kg	U
ML-10-S-082110	8/21/2010	Dibenzofuran	0.15	mg/Kg	U
ML-10-S-081610	8/16/2010	Dibenzofuran	0.15	mg/Kg	U
ML-10-S-081610	8/16/2010	Dibenzofuran	0.15	mg/Kg	U
ML-09-S-082410	8/24/2010	Dibenzofuran	0.14	mg/Kg	UJ
ML-05-S-082310	8/23/2010	Dibenzofuran	0.023	mg/Kg	J
ML-03-S-082010	8/20/2010	Dibenzofuran	0.023	mg/Kg	J
ML-04-S-082010	8/20/2010	Dibenzofuran	0.022	mg/Kg	J
ML-03-S-082510	8/25/2010	Dibenzofuran	0.020	mg/Kg	J
ML-02-S-082310	8/23/2010	Dibenzofuran	0.020	mg/Kg	J
ML-01-S-081610	8/16/2010	Dibenzofuran	0.020	mg/Kg	J
ML-03-S-081610	8/16/2010	Dibenzofuran	0.020	mg/Kg	J
ML-07-S-082410	8/24/2010	Dibenzofuran	0.017	mg/Kg	J
ML-05-S-082010	8/20/2010	Dibenzofuran	0.016	mg/Kg	J
ML-01-S-082510	8/25/2010	Dibenzofuran	0.015	mg/Kg	J
ML-04-S-082410	8/24/2010	Dibenzofuran	0.015	mg/Kg	J
ML-07-S-082110	8/21/2010	Dibenzofuran	0.015	mg/Kg	J
ML-02-S-082510	8/25/2010	Dibenzofuran	0.014	mg/Kg	J
ML-01-S-082110	8/21/2010	Dibenzofuran	0.012	mg/Kg	J
ML-02-S-082010	8/20/2010	Dibenzofuran	0.011	mg/Kg	J
SEE10211035JDF1	10/21/2010	Dibromochloromethane	1200	ug/Kg	U
SEE10221110JDF1	10/22/2010	Dibromochloromethane	1100	ug/Kg	U
SEE10221110JDF1	10/22/2010	Dibromochloromethane	1100	ug/Kg	U
SEE10211430JDF1	10/21/2010	Dibromochloromethane	1100	ug/Kg	U
SEE10191005JDF1	10/19/2010	Dibromochloromethane	1100	ug/Kg	U
SEE10191515JDF1	10/19/2010	Dibromochloromethane	1100	ug/Kg	U
SEE10191415JDF1	10/19/2010	Dibromochloromethane	1000	ug/Kg	U
SEE10191155JDF1	10/19/2010	Dibromochloromethane	970	ug/Kg	U



**TABLE B-2b**  
**Upstream Sediment Samples (Morrow Lake)**

Sample ID	Sample Date	Analyte	Result	Unit	Data Qualifier
SEE10191100JDF1	10/19/2010	Dibromochloromethane	950	ug/Kg	U
SEE10211010JWP1	10/21/2010	Dibromochloromethane	940	ug/Kg	U
SEE10221055DWS1	10/22/2010	Dibromochloromethane	910	ug/Kg	U
SEE10191010JWP1	10/19/2010	Dibromochloromethane	900	ug/Kg	U
SEE10221450DWS1	10/22/2010	Dibromochloromethane	490	ug/Kg	U
SEE10211345JWP1	10/21/2010	Dibromochloromethane	440	ug/Kg	U
SEF10221050MAE3	10/22/2010	Dibromochloromethane	310	ug/Kg	U
SEF10191135NAC3	10/19/2010	Dibromochloromethane	300	ug/Kg	U
SEE10141015JDF1	10/14/2010	Dibromochloromethane	280	ug/Kg	U
SEE10191115JWP1	10/19/2010	Dibromochloromethane	270	ug/Kg	U
SEE09200945PML1	9/20/2010	Dibromochloromethane	60	ug/Kg	U
SEE09200945PML1	9/20/2010	Dibromochloromethane	60	ug/Kg	U
SEE09201115RCM1	9/20/2010	Dibromochloromethane	58	ug/Kg	U
SEE09201645ARM1	9/20/2010	Dibromochloromethane	48	ug/Kg	U
SEE10071042RCM1	10/7/2010	Dibromochloromethane	45	ug/Kg	U
SEE09061500PML1	9/6/2010	Dibromochloromethane	45	ug/Kg	U
SEE08281607TWH1	8/28/2010	Dibromochloromethane	44	ug/kg	U
SEE09301105JDF1	9/30/2010	Dibromochloromethane	42	ug/Kg	U
SEE09181705PML1	9/18/2010	Dibromochloromethane	42	ug/Kg	U
SEE09021400PML1	9/2/2010	Dibromochloromethane	41	ug/Kg	U
SEE08301130PML1	8/30/2010	Dibromochloromethane	41	ug/Kg	U
SEE10091401PML1	10/9/2010	Dibromochloromethane	40	ug/Kg	U
SEE10181035JDF1	10/18/2010	Dibromochloromethane	39	ug/Kg	U
SEE10051125PML1	10/5/2010	Dibromochloromethane	39	ug/Kg	U
SEE08311045PML1	8/31/2010	Dibromochloromethane	39	ug/Kg	U
SEE10141555ARM1	10/14/2010	Dibromochloromethane	38	ug/Kg	U
SEE09101215PML1	9/10/2010	Dibromochloromethane	38	ug/Kg	U
SEE10161530JDF1	10/16/2010	Dibromochloromethane	37	ug/Kg	U
SEE10081115PML1	10/8/2010	Dibromochloromethane	37	ug/Kg	U
SEE09030925PML1	9/3/2010	Dibromochloromethane	37	ug/Kg	U
SEE09031115JAW1	9/3/2010	Dibromochloromethane	37	ug/Kg	U
SEE08281505PML1	8/28/2010	Dibromochloromethane	37	ug/kg	U
SEE10171410JDF1	10/17/2010	Dibromochloromethane	36	ug/Kg	U
SEE09191530PML1	9/19/2010	Dibromochloromethane	36	ug/Kg	U
SEE09181235PML1	9/18/2010	Dibromochloromethane	36	ug/Kg	U
SEE09141135PML1	9/14/2010	Dibromochloromethane	36	ug/Kg	U
SEE09101022PML1	9/10/2010	Dibromochloromethane	36	ug/Kg	U
SEE10171115JDF1	10/17/2010	Dibromochloromethane	35	ug/Kg	U
SEE08311420PML1	8/31/2010	Dibromochloromethane	35	ug/Kg	U
SEE08311420PML1	8/31/2010	Dibromochloromethane	35	ug/Kg	U
SEE08271215PML1	8/27/2010	Dibromochloromethane	35	ug/kg	U
SEE10041530JDF1	10/4/2010	Dibromochloromethane	34	ug/Kg	U
SEE09121105RCM1	9/12/2010	Dibromochloromethane	34	ug/Kg	U
SEE09011545PML1	9/1/2010	Dibromochloromethane	34	ug/Kg	U
SEE08301550PML1	8/30/2010	Dibromochloromethane	34	ug/Kg	U
SEE10181210JDF1	10/18/2010	Dibromochloromethane	33	ug/Kg	U
SEE10181430JWP1	10/18/2010	Dibromochloromethane	33	ug/Kg	U
SEE10181510JDF1	10/18/2010	Dibromochloromethane	33	ug/Kg	U
SEE10181510JDF1	10/18/2010	Dibromochloromethane	33	ug/Kg	U
SEE10131150JDF1	10/13/2010	Dibromochloromethane	33	ug/Kg	U
SEE10101010PML1	10/10/2010	Dibromochloromethane	33	ug/Kg	U
SEE10101215PML1	10/10/2010	Dibromochloromethane	33	ug/Kg	U
SEE10101215PML1	10/10/2010	Dibromochloromethane	33	ug/Kg	U
SEE09140945PML1	9/14/2010	Dibromochloromethane	33	ug/Kg	U
SEE09061525MHS1	9/6/2010	Dibromochloromethane	33	ug/Kg	U
SEE09051130PML1	9/5/2010	Dibromochloromethane	33	ug/Kg	U
SEE09031100PML1	9/3/2010	Dibromochloromethane	33	ug/Kg	U
SEE09021010PML1	9/2/2010	Dibromochloromethane	33	ug/Kg	U
SEE08281630RCM1	8/28/2010	Dibromochloromethane	33	ug/kg	U
SEE10031115JDF1	10/3/2010	Dibromochloromethane	32	ug/Kg	U

**TABLE B-2b**  
**Upstream Sediment Samples (Morrow Lake)**

Sample ID	Sample Date	Analyte	Result	Unit	Data Qualifier
SEE10031115JDF1	10/3/2010	Dibromochloromethane	32	ug/Kg	U
SEE09301205RCM1	9/30/2010	Dibromochloromethane	32	ug/Kg	U
SEE09301255JDF1	9/30/2010	Dibromochloromethane	32	ug/Kg	U
SEE09231645JDF1	9/23/2010	Dibromochloromethane	32	ug/Kg	U
SEE09141515PML1	9/14/2010	Dibromochloromethane	32	ug/Kg	U
SEE09101625PML1	9/10/2010	Dibromochloromethane	32	ug/Kg	U
SEE09091005RCM1	9/9/2010	Dibromochloromethane	32	ug/Kg	U
SEE09061105PML1	9/6/2010	Dibromochloromethane	32	ug/Kg	U
SEE09031650PML1	9/3/2010	Dibromochloromethane	32	ug/Kg	U
SEE09031650PML1	9/3/2010	Dibromochloromethane	32	ug/Kg	U
SEE10081231PML1	10/8/2010	Dibromochloromethane	31	ug/Kg	U
SEE09231210JDF1	9/23/2010	Dibromochloromethane	31	ug/Kg	U
SEE09161045PML1	9/16/2010	Dibromochloromethane	31	ug/Kg	U
SEE09081205PML1	9/8/2010	Dibromochloromethane	31	ug/Kg	U
SEE09071050PML1	9/7/2010	Dibromochloromethane	31	ug/Kg	U
SEE08301145MHS1	8/30/2010	Dibromochloromethane	31	ug/Kg	U
SEE10161115ARM1	10/16/2010	Dibromochloromethane	30	ug/Kg	U
SEE10120930JDF1	10/12/2010	Dibromochloromethane	30	ug/Kg	U
SEE10071101PML1	10/7/2010	Dibromochloromethane	30	ug/Kg	U
SEE09261625JDF1	9/26/2010	Dibromochloromethane	30	ug/Kg	U
SEE09261625JDF1	9/26/2010	Dibromochloromethane	30	ug/Kg	U
SEE09131445RCM1	9/13/2010	Dibromochloromethane	30	ug/Kg	U
SEE09121055PML1	9/12/2010	Dibromochloromethane	30	ug/Kg	U
SEE09121055PML1	9/12/2010	Dibromochloromethane	30	ug/Kg	U
SEE09121436RCM1	9/12/2010	Dibromochloromethane	30	ug/Kg	U
SEE09091410RCM1	9/9/2010	Dibromochloromethane	30	ug/Kg	U
SEE09011050PML1	9/1/2010	Dibromochloromethane	30	ug/Kg	U
SEE10081051RCM1	10/8/2010	Dibromochloromethane	29	ug/Kg	U
SEE10061640PML1	10/6/2010	Dibromochloromethane	29	ug/Kg	U
SEE10061640PML1	10/6/2010	Dibromochloromethane	29	ug/Kg	U
SEE10051653PML1	10/5/2010	Dibromochloromethane	29	ug/Kg	U
SEE09261215JDF1	9/26/2010	Dibromochloromethane	29	ug/Kg	U
SEE09231130ARM1	9/23/2010	Dibromochloromethane	29	ug/Kg	U
SEE09191040PML1	9/19/2010	Dibromochloromethane	29	ug/Kg	U
SEE09131026RCM1	9/13/2010	Dibromochloromethane	29	ug/Kg	U
SEE09131505PML1	9/13/2010	Dibromochloromethane	29	ug/Kg	U
SEE09040950PML1	9/4/2010	Dibromochloromethane	29	ug/Kg	U
SEE10011120JDF1	10/1/2010	Dibromochloromethane	28	ug/Kg	U
SEE09211155JDF1	9/21/2010	Dibromochloromethane	28	ug/Kg	U
SEE09171415PML1	9/17/2010	Dibromochloromethane	28	ug/Kg	U
SEE09151145PML1	9/15/2010	Dibromochloromethane	28	ug/Kg	U
SEE09151145PML1	9/15/2010	Dibromochloromethane	28	ug/Kg	U
SEE09131620PML1	9/13/2010	Dibromochloromethane	28	ug/Kg	U
SEE09121450PML1	9/12/2010	Dibromochloromethane	28	ug/Kg	U
SEE09091515PML1	9/9/2010	Dibromochloromethane	28	ug/Kg	U
SEE09081010PML1	9/8/2010	Dibromochloromethane	28	ug/Kg	U
SEE09081020RCM1	9/8/2010	Dibromochloromethane	28	ug/Kg	U
SEE09011255PML1	9/1/2010	Dibromochloromethane	28	ug/Kg	U
SEE08301015JRP1	8/30/2010	Dibromochloromethane	28	ug/Kg	U
SEE08261420RCM1	8/26/2010	Dibromochloromethane	28	ug/kg	U
SEE10091614PML1	10/9/2010	Dibromochloromethane	27	ug/Kg	U
SEE10061205PML1	10/6/2010	Dibromochloromethane	27	ug/Kg	U
SEE10041150JDF1	10/4/2010	Dibromochloromethane	27	ug/Kg	U
SEE09251135JDF1	9/25/2010	Dibromochloromethane	27	ug/Kg	U
SEE09221440JDF1	9/22/2010	Dibromochloromethane	27	ug/Kg	U
SEE09170839RCM1	9/17/2010	Dibromochloromethane	27	ug/Kg	U
SEE09151015PML1	9/15/2010	Dibromochloromethane	27	ug/Kg	U
SEE08291110PML1	8/29/2010	Dibromochloromethane	27	ug/kg	U
SEE10141150JDF1	10/14/2010	Dibromochloromethane	26	ug/Kg	U
SEE10141550JDF1	10/14/2010	Dibromochloromethane	26	ug/Kg	U

**TABLE B-2b**  
**Upstream Sediment Samples (Morrow Lake)**

Sample ID	Sample Date	Analyte	Result	Unit	Data Qualifier
SEE10141550JDF1	10/14/2010	Dibromochloromethane	26	ug/Kg	U
SEE10121155JDF1	10/12/2010	Dibromochloromethane	26	ug/Kg	U
SEE09271130JDF1	9/27/2010	Dibromochloromethane	26	ug/Kg	U
SEE09131125PML1	9/13/2010	Dibromochloromethane	26	ug/Kg	U
SEE09091010PML1	9/9/2010	Dibromochloromethane	26	ug/Kg	U
SEE09091145PML1	9/9/2010	Dibromochloromethane	26	ug/Kg	U
SEE09091410PML1	9/9/2010	Dibromochloromethane	26	ug/Kg	U
SEE09061130MHS1	9/6/2010	Dibromochloromethane	26	ug/Kg	U
SEE09011145PML1	9/1/2010	Dibromochloromethane	26	ug/Kg	U
SEE08301638MHS1	8/30/2010	Dibromochloromethane	26	ug/Kg	U
SEE10151055ARM1	10/15/2010	Dibromochloromethane	25	ug/Kg	U
SEE10121415ARM1	10/12/2010	Dibromochloromethane	25	ug/Kg	U
SEE10111125JDF1	10/11/2010	Dibromochloromethane	25	ug/Kg	U
SEE10031425JDF1	10/3/2010	Dibromochloromethane	25	ug/Kg	U
SEE09291035JDF1	9/29/2010	Dibromochloromethane	25	ug/Kg	U
SEE09220935RCM1	9/22/2010	Dibromochloromethane	25	ug/Kg	U
SEE09111015PML1	9/11/2010	Dibromochloromethane	25	ug/Kg	U
SEE09051015PML1	9/5/2010	Dibromochloromethane	25	ug/Kg	U
SEE08301445JRP1	8/30/2010	Dibromochloromethane	25	ug/Kg	U
SEE10161415JDF1	10/16/2010	Dibromochloromethane	24	ug/Kg	U
SEE10040945JDF1	10/4/2010	Dibromochloromethane	24	ug/Kg	U
SEE09230955RCM1	9/23/2010	Dibromochloromethane	24	ug/Kg	U
SEE09211530JDF1	9/21/2010	Dibromochloromethane	24	ug/Kg	U
SEE09170945PML1	9/17/2010	Dibromochloromethane	24	ug/Kg	U
SEE09171125PML1	9/17/2010	Dibromochloromethane	24	ug/Kg	U
SEE09130955JRP1	9/13/2010	Dibromochloromethane	24	ug/Kg	U
SEE09091605PML1	9/9/2010	Dibromochloromethane	24	ug/Kg	U
SEE09041350PML1	9/4/2010	Dibromochloromethane	24	ug/Kg	U
SEE10071205PML1	10/7/2010	Dibromochloromethane	23	ug/Kg	U
SEE10071540PML1	10/7/2010	Dibromochloromethane	23	ug/Kg	U
SEE10041335JDF1	10/4/2010	Dibromochloromethane	23	ug/Kg	U
SEE09271025ARM1	9/27/2010	Dibromochloromethane	23	ug/Kg	U
SEE09171530PML1	9/17/2010	Dibromochloromethane	23	ug/Kg	U
SEE09051430PML1	9/5/2010	Dibromochloromethane	23	ug/Kg	U
SEE08271500PML1	8/27/2010	Dibromochloromethane	23	ug/kg	U
SEE10150945JDF1	10/15/2010	Dibromochloromethane	22	ug/Kg	U
SEE10111011JDF1	10/11/2010	Dibromochloromethane	22	ug/Kg	U
SEE10111350JDF1	10/11/2010	Dibromochloromethane	22	ug/Kg	U
SEE10061051RCM1	10/6/2010	Dibromochloromethane	22	ug/Kg	U
SEE10041355ARM1	10/4/2010	Dibromochloromethane	22	ug/Kg	U
SEE09271515JDF1	9/27/2010	Dibromochloromethane	22	ug/Kg	U
SEE09221105JDF1	9/22/2010	Dibromochloromethane	22	ug/Kg	U
SEE09130940PML1	9/13/2010	Dibromochloromethane	22	ug/Kg	U
SEE08281215PML1	8/28/2010	Dibromochloromethane	22	ug/kg	U
SEE10121030JDF1	10/12/2010	Dibromochloromethane	21	ug/Kg	U
SEE09290925JDF1	9/29/2010	Dibromochloromethane	21	ug/Kg	U
SEE09091025JRP1	9/9/2010	Dibromochloromethane	21	ug/Kg	U
SEE09011635PML1	9/1/2010	Dibromochloromethane	21	ug/Kg	U
SEE08301520JRP1	8/30/2010	Dibromochloromethane	21	ug/Kg	U
SEE08281420TWH1	8/28/2010	Dibromochloromethane	21	ug/kg	U
SEE08261445JRP1	8/26/2010	Dibromochloromethane	21	ug/Kg	U
SEE10161055JDF1	10/16/2010	Dibromochloromethane	20	ug/Kg	U
SEE10151355ARM1	10/15/2010	Dibromochloromethane	20	ug/Kg	U
SEE10071415ARM1	10/7/2010	Dibromochloromethane	20	ug/Kg	U
SEE09031140MHS1	9/3/2010	Dibromochloromethane	20	ug/Kg	U
SEE08291421KAP1	8/29/2010	Dibromochloromethane	20	ug/kg	U
SEE08271145RCM1	8/27/2010	Dibromochloromethane	20	ug/kg	U
SEE10041050JDF1	10/4/2010	Dibromochloromethane	19	ug/Kg	U
SEE09301255MAE1	9/30/2010	Dibromochloromethane	19	ug/Kg	U
SEE09291645JDF1	9/29/2010	Dibromochloromethane	19	ug/Kg	U

**TABLE B-2b**  
**Upstream Sediment Samples (Morrow Lake)**

Sample ID	Sample Date	Analyte	Result	Unit	Data Qualifier
SEE09051550MHS1	9/5/2010	Dibromochloromethane	19	ug/Kg	U
SEE09031645MHS1	9/3/2010	Dibromochloromethane	19	ug/Kg	U
SEE10041138RCM1	10/4/2010	Dibromochloromethane	18	ug/Kg	U
SEE09221615JDF1	9/22/2010	Dibromochloromethane	18	ug/Kg	U
SEE09191445RCM1	9/19/2010	Dibromochloromethane	18	ug/Kg	U
SEE08311010JRP1	8/31/2010	Dibromochloromethane	18	ug/Kg	U
SEE09250905RCM1	9/25/2010	Dibromochloromethane	17	ug/Kg	U
SEE09200911RCM1	9/20/2010	Dibromochloromethane	17	ug/Kg	U
SEE09090900JRP1	9/9/2010	Dibromochloromethane	17	ug/Kg	U
SEE09011545MHS1	9/1/2010	Dibromochloromethane	17	ug/Kg	U
SEE08281510TWH1	8/28/2010	Dibromochloromethane	17	ug/kg	U
SEE10170915JDF1	10/17/2010	Dibromochloromethane	16	ug/Kg	U
SEE09291135JDF1	9/29/2010	Dibromochloromethane	16	ug/Kg	U
SEE09260930RCM1	9/26/2010	Dibromochloromethane	16	ug/Kg	U
SEE09201110ARM1	9/20/2010	Dibromochloromethane	15	ug/Kg	U
SEE08301530JAW1	8/30/2010	Dibromochloromethane	15	ug/Kg	U
SEE08291550KAP1	8/29/2010	Dibromochloromethane	15	ug/kg	U
SEE10071151RCM1	10/7/2010	Dibromochloromethane	14	ug/Kg	U
SEE09211112RCM1	9/21/2010	Dibromochloromethane	14	ug/Kg	U
SEE08311348MHS1	8/31/2010	Dibromochloromethane	14	ug/Kg	U
SEE08300920JRP1	8/30/2010	Dibromochloromethane	14	ug/Kg	U
SEE08261620RCM1	8/26/2010	Dibromochloromethane	14	ug/kg	U
SEE10141025ARM1	10/14/2010	Dibromochloromethane	12	ug/Kg	U
SEE09130915JRP1	9/13/2010	Dibromochloromethane	12	ug/Kg	U
SEE10091200ARM1	10/9/2010	Dibromochloromethane	11	ug/Kg	U
SEE09291023RCM1	9/29/2010	Dibromochloromethane	11	ug/Kg	U
SEE09171445RCM1	9/17/2010	Dibromochloromethane	11	ug/Kg	U
SEE09161035RCM1	9/16/2010	Dibromochloromethane	11	ug/Kg	U
SEE09141312RCM1	9/14/2010	Dibromochloromethane	10	ug/Kg	U
SEE08291445PML1	8/29/2010	Dibromochloromethane	10	ug/kg	U
SEE08291354KAP1	8/29/2010	Dibromochloromethane	9.3	ug/kg	U
SEE10051415ARM1	10/5/2010	Dibromochloromethane	8.7	ug/Kg	U
SEE09061610JAW1	9/6/2010	Dibromochloromethane	8.5	ug/Kg	U
SEE10011125ARM1	10/1/2010	Dibromochloromethane	8.2	ug/Kg	U
SEE08261700JRP1	8/26/2010	Dibromochloromethane	8.2	ug/Kg	U
SEE09051500MHS1	9/5/2010	Dibromochloromethane	8.0	ug/Kg	U
SEE10171535ARM1	10/17/2010	Dibromochloromethane	7.9	ug/Kg	U
SEE09231035ARM1	9/23/2010	Dibromochloromethane	7.9	ug/Kg	U
SEE09171200ARM1	9/17/2010	Dibromochloromethane	7.9	ug/Kg	U
SEE08271614TWH1	8/27/2010	Dibromochloromethane	7.8	ug/kg	U
SEE10081035ARM1	10/8/2010	Dibromochloromethane	7.6	ug/Kg	U
SEE08271652TWH1	8/27/2010	Dibromochloromethane	7.6	ug/kg	U
SEE09100945RCM1	9/10/2010	Dibromochloromethane	7.5	ug/Kg	U
SEE09211120ARM1	9/21/2010	Dibromochloromethane	7.4	ug/Kg	U
SEB09011143JLS1	9/1/2010	Dibromochloromethane	7.1	ug/Kg	U
SEE08301410JRP1	8/30/2010	Dibromochloromethane	7.0	ug/Kg	U
SEE09281445RCM1	9/28/2010	Dibromochloromethane	6.5	ug/Kg	U
SEE08271536TWH1	8/27/2010	Dibromochloromethane	6.3	ug/kg	U
SEE09271500ARM1	9/27/2010	Dibromochloromethane	6.2	ug/Kg	U
SEE09170935RCM1	9/17/2010	Dibromochloromethane	6.1	ug/Kg	U
SEF10011045TDF1	10/1/2010	Dibromochloromethane	6.0	ug/Kg	U
SEE09150915JRP1	9/15/2010	Dibromochloromethane	6.0	ug/Kg	U
SEE10011043RCM1	10/1/2010	Dibromochloromethane	5.8	ug/Kg	U
SEE09290915MAE1	9/29/2010	Dibromochloromethane	5.8	ug/Kg	U
SEE10131035ARM1	10/13/2010	Dibromochloromethane	5.5	ug/Kg	U
SEE10071045ARM1	10/7/2010	Dibromochloromethane	5.5	ug/Kg	U
SEE10041045ARM1	10/4/2010	Dibromochloromethane	5.5	ug/Kg	U
SEF10151030PMB3	10/15/2010	Dibromochloromethane	5.4	ug/Kg	U
SEF10081108TDF3	10/8/2010	Dibromochloromethane	5.4	ug/Kg	U
SEE09251235ARM1	9/25/2010	Dibromochloromethane	5.4	ug/Kg	U

**TABLE B-2b**  
**Upstream Sediment Samples (Morrow Lake)**

Sample ID	Sample Date	Analyte	Result	Unit	Data Qualifier
SEE08281540JRP1	8/28/2010	Dibromochloromethane	5.4	ug/kg	U
SEF10051206TDF3	10/5/2010	Dibromochloromethane	5.3	ug/Kg	U
SEE09140945JRP1	9/14/2010	Dibromochloromethane	5.3	ug/Kg	U
SEE09080930JRP1	9/8/2010	Dibromochloromethane	5.3	ug/Kg	U
SEE09011515JAW1	9/1/2010	Dibromochloromethane	5.3	ug/Kg	U
SEE08301100JRP1	8/30/2010	Dibromochloromethane	5.3	ug/Kg	U
SEE10121040ARM1	10/12/2010	Dibromochloromethane	5.2	ug/Kg	U
SEF10121130PMB3	10/12/2010	Dibromochloromethane	5.2	ug/Kg	U
SEE09221045ARM1	9/22/2010	Dibromochloromethane	5.2	ug/Kg	U
SEE09100920JRP1	9/10/2010	Dibromochloromethane	5.1	ug/Kg	U
SEB08281400JLS1	8/28/2010	Dibromochloromethane	5.1	ug/kg	U
SEE09301025MAE1	9/30/2010	Dibromochloromethane	5.0	ug/Kg	U
SEE09051500JAW1	9/5/2010	Dibromochloromethane	5.0	ug/Kg	U
SEE10051145RCM1	10/5/2010	Dibromochloromethane	4.9	ug/Kg	U
SEE09070930JRP1	9/7/2010	Dibromochloromethane	4.9	ug/Kg	U
SEE10061135ARM1	10/6/2010	Dibromochloromethane	4.8	ug/Kg	U
SEE10181030JWP1	10/18/2010	Dibromochloromethane	4.6	ug/Kg	U
SEF09281139TDF1	9/28/2010	Dibromochloromethane	4.3	ug/Kg	U
SEE09231205RCM1	9/23/2010	Dibromochloromethane	3.3	ug/Kg	U
SEE08271445JRP1	8/27/2010	Dibromochloromethane	2.8	ug/kg	U
ML-07-S-082510	8/25/2010	Dibromochloromethane	0.73	mg/Kg	U
ML-03-S-082510	8/25/2010	Dibromochloromethane	0.43	mg/Kg	U
ML-06-S-082510	8/25/2010	Dibromochloromethane	0.42	mg/Kg	U
ML-07-S-082410	8/24/2010	Dibromochloromethane	0.41	mg/Kg	UJ
ML-06-S-082010	8/20/2010	Dibromochloromethane	0.38	mg/Kg	U
ML-08-S-082510	8/25/2010	Dibromochloromethane	0.37	mg/Kg	U
ML-08-S-082410	8/24/2010	Dibromochloromethane	0.37	mg/Kg	UJ
ML-06-S-082310	8/23/2010	Dibromochloromethane	0.37	mg/Kg	U
ML-07-S-082110	8/21/2010	Dibromochloromethane	0.37	mg/Kg	U
ML-08-S-082110	8/21/2010	Dibromochloromethane	0.37	mg/Kg	U
ML-10-S-082110	8/21/2010	Dibromochloromethane	0.37	mg/Kg	U
ML-10-S-082110	8/21/2010	Dibromochloromethane	0.37	mg/Kg	U
ML-10-S-081910	8/19/2010	Dibromochloromethane	0.37	mg/Kg	U
ML-10-S-081910	8/19/2010	Dibromochloromethane	0.37	mg/Kg	U
ML-07-S-081810	8/18/2010	Dibromochloromethane	0.37	mg/Kg	UJ
ML-09-S-081810	8/18/2010	Dibromochloromethane	0.37	mg/Kg	UJ
ML-10-S-082410	8/24/2010	Dibromochloromethane	0.36	mg/Kg	UJ
ML-10-S-082410	8/24/2010	Dibromochloromethane	0.36	mg/Kg	UJ
ML-01-S-081610	8/16/2010	Dibromochloromethane	0.35	mg/Kg	U
ML-10-S-081610	8/16/2010	Dibromochloromethane	0.35	mg/Kg	U
ML-10-S-081610	8/16/2010	Dibromochloromethane	0.35	mg/Kg	U
ML-04-S-082410	8/24/2010	Dibromochloromethane	0.34	mg/Kg	UJ
ML-03-S-082310	8/23/2010	Dibromochloromethane	0.34	mg/Kg	U
ML-10-S-082110-D	8/21/2010	Dibromochloromethane	0.34	mg/Kg	U
ML-10-S-082110-D	8/21/2010	Dibromochloromethane	0.34	mg/Kg	U
ML-07-S-081610	8/16/2010	Dibromochloromethane	0.34	mg/Kg	U
ML-08-S-081610-D	8/16/2010	Dibromochloromethane	0.34	mg/Kg	U
ML-04-S-082610	8/26/2010	Dibromochloromethane	0.33	mg/Kg	U
ML-05-S-082310	8/23/2010	Dibromochloromethane	0.33	mg/Kg	U
ML-05-S-082010	8/20/2010	Dibromochloromethane	0.33	mg/Kg	U
ML-10-S-082610	8/26/2010	Dibromochloromethane	0.32	mg/Kg	U
ML-10-S-082610	8/26/2010	Dibromochloromethane	0.32	mg/Kg	U
ML-06-S-081710	8/17/2010	Dibromochloromethane	0.32	mg/Kg	U
ML-08-S-081610	8/16/2010	Dibromochloromethane	0.32	mg/Kg	U
ML-01-S-082510	8/25/2010	Dibromochloromethane	0.31	mg/Kg	U
ML-09-S-082510	8/25/2010	Dibromochloromethane	0.31	mg/Kg	U
ML-09-S-082410	8/24/2010	Dibromochloromethane	0.31	mg/Kg	UJ
ML-02-S-081710	8/17/2010	Dibromochloromethane	0.31	mg/Kg	U
ML-02-S-082510	8/25/2010	Dibromochloromethane	0.28	mg/Kg	U
ML-09-S-082110	8/21/2010	Dibromochloromethane	0.28	mg/Kg	U

**TABLE B-2b**  
**Upstream Sediment Samples (Morrow Lake)**

Sample ID	Sample Date	Analyte	Result	Unit	Data Qualifier
ML-01-S-082110	8/21/2010	Dibromochloromethane	0.27	mg/Kg	U
ML-04-S-081710	8/17/2010	Dibromochloromethane	0.27	mg/Kg	U
ML-05-S-081710	8/17/2010	Dibromochloromethane	0.27	mg/Kg	U
ML-02-S-082310	8/23/2010	Dibromochloromethane	0.25	mg/Kg	U
ML-04-S-082010	8/20/2010	Dibromochloromethane	0.25	mg/Kg	U
ML-01-S-081910	8/19/2010	Dibromochloromethane	0.25	mg/Kg	U
ML-02-S-082010	8/20/2010	Dibromochloromethane	0.22	mg/Kg	U
ML-03-S-081610	8/16/2010	Dibromochloromethane	0.22	mg/Kg	U
ML-03-S-082010	8/20/2010	Dibromochloromethane	0.19	mg/Kg	U
ML-05-S-082610	8/26/2010	Dibromochloromethane	0.17	mg/Kg	U
SEE10211035JDF1	10/21/2010	Dibromomethane	1200	ug/Kg	U
SEE10221110JDF1	10/22/2010	Dibromomethane	1100	ug/Kg	U
SEE10221110JDF1	10/22/2010	Dibromomethane	1100	ug/Kg	U
SEE10211430JDF1	10/21/2010	Dibromomethane	1100	ug/Kg	U
SEE10191005JDF1	10/19/2010	Dibromomethane	1100	ug/Kg	U
SEE10191515JDF1	10/19/2010	Dibromomethane	1100	ug/Kg	U
SEE10191415JDF1	10/19/2010	Dibromomethane	1000	ug/Kg	U
SEE10191155JDF1	10/19/2010	Dibromomethane	970	ug/Kg	U
SEE10191100JDF1	10/19/2010	Dibromomethane	950	ug/Kg	U
SEE10211010JWP1	10/21/2010	Dibromomethane	940	ug/Kg	U
SEE10221055DWS1	10/22/2010	Dibromomethane	910	ug/Kg	U
SEE10191010JWP1	10/19/2010	Dibromomethane	900	ug/Kg	U
SEE10221450DWS1	10/22/2010	Dibromomethane	490	ug/Kg	U
SEE10211345JWP1	10/21/2010	Dibromomethane	440	ug/Kg	U
SEF10221050MAE3	10/22/2010	Dibromomethane	310	ug/Kg	U
SEF10191135NAC3	10/19/2010	Dibromomethane	300	ug/Kg	U
SEE10141015JDF1	10/14/2010	Dibromomethane	280	ug/Kg	U
SEE10191115JWP1	10/19/2010	Dibromomethane	270	ug/Kg	U
SEE09200945PML1	9/20/2010	Dibromomethane	60	ug/Kg	U
SEE09200945PML1	9/20/2010	Dibromomethane	60	ug/Kg	U
SEE09201115RCM1	9/20/2010	Dibromomethane	58	ug/Kg	U
SEE09201645ARM1	9/20/2010	Dibromomethane	48	ug/Kg	U
SEE10071042RCM1	10/7/2010	Dibromomethane	45	ug/Kg	UJ
SEE09061500PML1	9/6/2010	Dibromomethane	45	ug/Kg	U
SEE08281607TWH1	8/28/2010	Dibromomethane	44	ug/kg	U
SEE09301105JDF1	9/30/2010	Dibromomethane	42	ug/Kg	U
SEE09181705PML1	9/18/2010	Dibromomethane	42	ug/Kg	U
SEE09021400PML1	9/2/2010	Dibromomethane	41	ug/Kg	U
SEE08301130PML1	8/30/2010	Dibromomethane	41	ug/Kg	U
SEE10091401PML1	10/9/2010	Dibromomethane	40	ug/Kg	U
SEE10181035JDF1	10/18/2010	Dibromomethane	39	ug/Kg	U
SEE10051125PML1	10/5/2010	Dibromomethane	39	ug/Kg	UJ
SEE08311045PML1	8/31/2010	Dibromomethane	39	ug/Kg	U
SEE10141555ARM1	10/14/2010	Dibromomethane	38	ug/Kg	U
SEE09101215PML1	9/10/2010	Dibromomethane	38	ug/Kg	U
SEE10161530JDF1	10/16/2010	Dibromomethane	37	ug/Kg	U
SEE10081115PML1	10/8/2010	Dibromomethane	37	ug/Kg	U
SEE09030925PML1	9/3/2010	Dibromomethane	37	ug/Kg	U
SEE09031115JAW1	9/3/2010	Dibromomethane	37	ug/Kg	U
SEE08281505PML1	8/28/2010	Dibromomethane	37	ug/kg	U
SEE10171410JDF1	10/17/2010	Dibromomethane	36	ug/Kg	U
SEE09191530PML1	9/19/2010	Dibromomethane	36	ug/Kg	U
SEE09181235PML1	9/18/2010	Dibromomethane	36	ug/Kg	U
SEE09141135PML1	9/14/2010	Dibromomethane	36	ug/Kg	U
SEE09101022PML1	9/10/2010	Dibromomethane	36	ug/Kg	U
SEE10171115JDF1	10/17/2010	Dibromomethane	35	ug/Kg	U
SEE08311420PML1	8/31/2010	Dibromomethane	35	ug/Kg	U
SEE08311420PML1	8/31/2010	Dibromomethane	35	ug/Kg	U
SEE08271215PML1	8/27/2010	Dibromomethane	35	ug/kg	U
SEE10041530JDF1	10/4/2010	Dibromomethane	34	ug/Kg	U

**TABLE B-2b**  
**Upstream Sediment Samples (Morrow Lake)**

Sample ID	Sample Date	Analyte	Result	Unit	Data Qualifier
SEE09121105RCM1	9/12/2010	Dibromomethane	34	ug/Kg	U
SEE09011545PML1	9/1/2010	Dibromomethane	34	ug/Kg	U
SEE08301550PML1	8/30/2010	Dibromomethane	34	ug/Kg	U
SEE10181210JDF1	10/18/2010	Dibromomethane	33	ug/Kg	U
SEE10181430JWP1	10/18/2010	Dibromomethane	33	ug/Kg	U
SEE10181510JDF1	10/18/2010	Dibromomethane	33	ug/Kg	U
SEE10181510JDF1	10/18/2010	Dibromomethane	33	ug/Kg	U
SEE10131150JDF1	10/13/2010	Dibromomethane	33	ug/Kg	U
SEE10101010PML1	10/10/2010	Dibromomethane	33	ug/Kg	U
SEE10101215PML1	10/10/2010	Dibromomethane	33	ug/Kg	U
SEE10101215PML1	10/10/2010	Dibromomethane	33	ug/Kg	U
SEE09140945PML1	9/14/2010	Dibromomethane	33	ug/Kg	U
SEE09061525MHS1	9/6/2010	Dibromomethane	33	ug/Kg	U
SEE09051130PML1	9/5/2010	Dibromomethane	33	ug/Kg	U
SEE09031100PML1	9/3/2010	Dibromomethane	33	ug/Kg	U
SEE09021010PML1	9/2/2010	Dibromomethane	33	ug/Kg	U
SEE08281630RCM1	8/28/2010	Dibromomethane	33	ug/kg	U
SEE10031115JDF1	10/3/2010	Dibromomethane	32	ug/Kg	U
SEE10031115JDF1	10/3/2010	Dibromomethane	32	ug/Kg	U
SEE09301205RCM1	9/30/2010	Dibromomethane	32	ug/Kg	U
SEE09301255JDF1	9/30/2010	Dibromomethane	32	ug/Kg	U
SEE09231645JDF1	9/23/2010	Dibromomethane	32	ug/Kg	U
SEE09141515PML1	9/14/2010	Dibromomethane	32	ug/Kg	U
SEE09101625PML1	9/10/2010	Dibromomethane	32	ug/Kg	U
SEE09091005RCM1	9/9/2010	Dibromomethane	32	ug/Kg	U
SEE09061105PML1	9/6/2010	Dibromomethane	32	ug/Kg	U
SEE09031650PML1	9/3/2010	Dibromomethane	32	ug/Kg	U
SEE09031650PML1	9/3/2010	Dibromomethane	32	ug/Kg	U
SEE10081231PML1	10/8/2010	Dibromomethane	31	ug/Kg	U
SEE09231210JDF1	9/23/2010	Dibromomethane	31	ug/Kg	U
SEE09161045PML1	9/16/2010	Dibromomethane	31	ug/Kg	U
SEE09081205PML1	9/8/2010	Dibromomethane	31	ug/Kg	U
SEE09071050PML1	9/7/2010	Dibromomethane	31	ug/Kg	UJ
SEE08301145MHS1	8/30/2010	Dibromomethane	31	ug/Kg	U
SEE10161115ARM1	10/16/2010	Dibromomethane	30	ug/Kg	U
SEE10120930JDF1	10/12/2010	Dibromomethane	30	ug/Kg	U
SEE10071101PML1	10/7/2010	Dibromomethane	30	ug/Kg	UJ
SEE09261625JDF1	9/26/2010	Dibromomethane	30	ug/Kg	U
SEE09261625JDF1	9/26/2010	Dibromomethane	30	ug/Kg	U
SEE09131445RCM1	9/13/2010	Dibromomethane	30	ug/Kg	U
SEE09121055PML1	9/12/2010	Dibromomethane	30	ug/Kg	U
SEE09121055PML1	9/12/2010	Dibromomethane	30	ug/Kg	U
SEE09121436RCM1	9/12/2010	Dibromomethane	30	ug/Kg	U
SEE09091410RCM1	9/9/2010	Dibromomethane	30	ug/Kg	U
SEE09011050PML1	9/1/2010	Dibromomethane	30	ug/Kg	U
SEE10081051RCM1	10/8/2010	Dibromomethane	29	ug/Kg	U
SEE10061640PML1	10/6/2010	Dibromomethane	29	ug/Kg	U
SEE10061640PML1	10/6/2010	Dibromomethane	29	ug/Kg	U
SEE10051653PML1	10/5/2010	Dibromomethane	29	ug/Kg	UJ
SEE09261215JDF1	9/26/2010	Dibromomethane	29	ug/Kg	U
SEE09231130ARM1	9/23/2010	Dibromomethane	29	ug/Kg	U
SEE09191040PML1	9/19/2010	Dibromomethane	29	ug/Kg	U
SEE09131026RCM1	9/13/2010	Dibromomethane	29	ug/Kg	U
SEE09131505PML1	9/13/2010	Dibromomethane	29	ug/Kg	U
SEE09040950PML1	9/4/2010	Dibromomethane	29	ug/Kg	U
SEE10011120JDF1	10/1/2010	Dibromomethane	28	ug/Kg	U
SEE09211155JDF1	9/21/2010	Dibromomethane	28	ug/Kg	U
SEE09171415PML1	9/17/2010	Dibromomethane	28	ug/Kg	U
SEE09151145PML1	9/15/2010	Dibromomethane	28	ug/Kg	U
SEE09151145PML1	9/15/2010	Dibromomethane	28	ug/Kg	U

**TABLE B-2b**  
**Upstream Sediment Samples (Morrow Lake)**

Sample ID	Sample Date	Analyte	Result	Unit	Data Qualifier
SEE09131620PML1	9/13/2010	Dibromomethane	28	ug/Kg	U
SEE09121450PML1	9/12/2010	Dibromomethane	28	ug/Kg	U
SEE09091515PML1	9/9/2010	Dibromomethane	28	ug/Kg	U
SEE09081010PML1	9/8/2010	Dibromomethane	28	ug/Kg	U
SEE09081020RCM1	9/8/2010	Dibromomethane	28	ug/Kg	U
SEE09011255PML1	9/1/2010	Dibromomethane	28	ug/Kg	U
SEE08301015JRP1	8/30/2010	Dibromomethane	28	ug/Kg	U
SEE08261420RCM1	8/26/2010	Dibromomethane	28	ug/kg	U
SEE10091614PML1	10/9/2010	Dibromomethane	27	ug/Kg	U
SEE10061205PML1	10/6/2010	Dibromomethane	27	ug/Kg	U
SEE10041150JDF1	10/4/2010	Dibromomethane	27	ug/Kg	U
SEE09251135JDF1	9/25/2010	Dibromomethane	27	ug/Kg	U
SEE09221440JDF1	9/22/2010	Dibromomethane	27	ug/Kg	U
SEE09170839RCM1	9/17/2010	Dibromomethane	27	ug/Kg	U
SEE09151015PML1	9/15/2010	Dibromomethane	27	ug/Kg	U
SEE08291110PML1	8/29/2010	Dibromomethane	27	ug/kg	U
SEE10141150JDF1	10/14/2010	Dibromomethane	26	ug/Kg	U
SEE10141550JDF1	10/14/2010	Dibromomethane	26	ug/Kg	U
SEE10141550JDF1	10/14/2010	Dibromomethane	26	ug/Kg	U
SEE10121155JDF1	10/12/2010	Dibromomethane	26	ug/Kg	U
SEE09271130JDF1	9/27/2010	Dibromomethane	26	ug/Kg	U
SEE09131125PML1	9/13/2010	Dibromomethane	26	ug/Kg	U
SEE09091010PML1	9/9/2010	Dibromomethane	26	ug/Kg	U
SEE09091145PML1	9/9/2010	Dibromomethane	26	ug/Kg	U
SEE09091410PML1	9/9/2010	Dibromomethane	26	ug/Kg	U
SEE09061130MHS1	9/6/2010	Dibromomethane	26	ug/Kg	U
SEE09011145PML1	9/1/2010	Dibromomethane	26	ug/Kg	U
SEE08301638MHS1	8/30/2010	Dibromomethane	26	ug/Kg	U
SEE10151055ARM1	10/15/2010	Dibromomethane	25	ug/Kg	U
SEE10121415ARM1	10/12/2010	Dibromomethane	25	ug/Kg	U
SEE10111125JDF1	10/11/2010	Dibromomethane	25	ug/Kg	U
SEE10031425JDF1	10/3/2010	Dibromomethane	25	ug/Kg	U
SEE09291035JDF1	9/29/2010	Dibromomethane	25	ug/Kg	U
SEE09220935RCM1	9/22/2010	Dibromomethane	25	ug/Kg	U
SEE09111015PML1	9/11/2010	Dibromomethane	25	ug/Kg	U
SEE09051015PML1	9/5/2010	Dibromomethane	25	ug/Kg	U
SEE08301445JRP1	8/30/2010	Dibromomethane	25	ug/Kg	U
SEE10161415JDF1	10/16/2010	Dibromomethane	24	ug/Kg	U
SEE10040945JDF1	10/4/2010	Dibromomethane	24	ug/Kg	U
SEE09230955RCM1	9/23/2010	Dibromomethane	24	ug/Kg	U
SEE09211530JDF1	9/21/2010	Dibromomethane	24	ug/Kg	U
SEE09170945PML1	9/17/2010	Dibromomethane	24	ug/Kg	U
SEE09171125PML1	9/17/2010	Dibromomethane	24	ug/Kg	U
SEE09130955JRP1	9/13/2010	Dibromomethane	24	ug/Kg	U
SEE09091605PML1	9/9/2010	Dibromomethane	24	ug/Kg	U
SEE09041350PML1	9/4/2010	Dibromomethane	24	ug/Kg	U
SEE10071205PML1	10/7/2010	Dibromomethane	23	ug/Kg	UJ
SEE10071540PML1	10/7/2010	Dibromomethane	23	ug/Kg	UJ
SEE10041335JDF1	10/4/2010	Dibromomethane	23	ug/Kg	U
SEE09271025ARM1	9/27/2010	Dibromomethane	23	ug/Kg	U
SEE09171530PML1	9/17/2010	Dibromomethane	23	ug/Kg	U
SEE09051430PML1	9/5/2010	Dibromomethane	23	ug/Kg	U
SEE08271500PML1	8/27/2010	Dibromomethane	23	ug/kg	U
SEE10150945JDF1	10/15/2010	Dibromomethane	22	ug/Kg	U
SEE10111011JDF1	10/11/2010	Dibromomethane	22	ug/Kg	U
SEE10111350JDF1	10/11/2010	Dibromomethane	22	ug/Kg	U
SEE10061051RCM1	10/6/2010	Dibromomethane	22	ug/Kg	U
SEE10041355ARM1	10/4/2010	Dibromomethane	22	ug/Kg	U
SEE09271515JDF1	9/27/2010	Dibromomethane	22	ug/Kg	U
SEE09221105JDF1	9/22/2010	Dibromomethane	22	ug/Kg	U



**TABLE B-2b**  
**Upstream Sediment Samples (Morrow Lake)**

Sample ID	Sample Date	Analyte	Result	Unit	Data Qualifier
SEE09130940PML1	9/13/2010	Dibromomethane	22	ug/Kg	U
SEE08281215PML1	8/28/2010	Dibromomethane	22	ug/kg	U
SEE10121030JDF1	10/12/2010	Dibromomethane	21	ug/Kg	U
SEE09290925JDF1	9/29/2010	Dibromomethane	21	ug/Kg	U
SEE09091025JRP1	9/9/2010	Dibromomethane	21	ug/Kg	U
SEE09011635PML1	9/1/2010	Dibromomethane	21	ug/Kg	U
SEE08301520JRP1	8/30/2010	Dibromomethane	21	ug/Kg	U
SEE08281420TWH1	8/28/2010	Dibromomethane	21	ug/kg	U
SEE08261445JRP1	8/26/2010	Dibromomethane	21	ug/Kg	U
SEE10161055JDF1	10/16/2010	Dibromomethane	20	ug/Kg	U
SEE10151355ARM1	10/15/2010	Dibromomethane	20	ug/Kg	U
SEE10071415ARM1	10/7/2010	Dibromomethane	20	ug/Kg	UJ
SEE09031140MHS1	9/3/2010	Dibromomethane	20	ug/Kg	U
SEE08291421KAP1	8/29/2010	Dibromomethane	20	ug/kg	U
SEE08271145RCM1	8/27/2010	Dibromomethane	20	ug/kg	U
SEE10041050JDF1	10/4/2010	Dibromomethane	19	ug/Kg	U
SEE09301255MAE1	9/30/2010	Dibromomethane	19	ug/Kg	U
SEE09291645JDF1	9/29/2010	Dibromomethane	19	ug/Kg	U
SEE09051550MHS1	9/5/2010	Dibromomethane	19	ug/Kg	U
SEE09031645MHS1	9/3/2010	Dibromomethane	19	ug/Kg	U
SEE10041138RCM1	10/4/2010	Dibromomethane	18	ug/Kg	U
SEE09221615JDF1	9/22/2010	Dibromomethane	18	ug/Kg	U
SEE09191445RCM1	9/19/2010	Dibromomethane	18	ug/Kg	U
SEE08311010JRP1	8/31/2010	Dibromomethane	18	ug/Kg	U
SEE09250905RCM1	9/25/2010	Dibromomethane	17	ug/Kg	U
SEE09200911RCM1	9/20/2010	Dibromomethane	17	ug/Kg	U
SEE09090900JRP1	9/9/2010	Dibromomethane	17	ug/Kg	U
SEE09011545MHS1	9/1/2010	Dibromomethane	17	ug/Kg	U
SEE08281510TWH1	8/28/2010	Dibromomethane	17	ug/kg	U
SEE10170915JDF1	10/17/2010	Dibromomethane	16	ug/Kg	U
SEE09291135JDF1	9/29/2010	Dibromomethane	16	ug/Kg	U
SEE09260930RCM1	9/26/2010	Dibromomethane	16	ug/Kg	U
SEE09201110ARM1	9/20/2010	Dibromomethane	15	ug/Kg	U
SEE08301530JAW1	8/30/2010	Dibromomethane	15	ug/Kg	U
SEE08291550KAP1	8/29/2010	Dibromomethane	15	ug/kg	U
SEE10071151RCM1	10/7/2010	Dibromomethane	14	ug/Kg	UJ
SEE09211112RCM1	9/21/2010	Dibromomethane	14	ug/Kg	U
SEE08311348MHS1	8/31/2010	Dibromomethane	14	ug/Kg	U
SEE08300920JRP1	8/30/2010	Dibromomethane	14	ug/Kg	U
SEE08261620RCM1	8/26/2010	Dibromomethane	14	ug/kg	U
SEE10141025ARM1	10/14/2010	Dibromomethane	12	ug/Kg	U
SEE09130915JRP1	9/13/2010	Dibromomethane	12	ug/Kg	U
SEE10091200ARM1	10/9/2010	Dibromomethane	11	ug/Kg	U
SEE09291023RCM1	9/29/2010	Dibromomethane	11	ug/Kg	U
SEE09171445RCM1	9/17/2010	Dibromomethane	11	ug/Kg	U
SEE09161035RCM1	9/16/2010	Dibromomethane	11	ug/Kg	U
SEE09141312RCM1	9/14/2010	Dibromomethane	10	ug/Kg	U
SEE08291445PML1	8/29/2010	Dibromomethane	10	ug/kg	U
SEE08291354KAP1	8/29/2010	Dibromomethane	9.3	ug/kg	U
SEE10051415ARM1	10/5/2010	Dibromomethane	8.7	ug/Kg	UJ
SEE09061610JAW1	9/6/2010	Dibromomethane	8.5	ug/Kg	U
SEE10011125ARM1	10/1/2010	Dibromomethane	8.2	ug/Kg	U
SEE08261700JRP1	8/26/2010	Dibromomethane	8.2	ug/Kg	U
SEE09051500MHS1	9/5/2010	Dibromomethane	8.0	ug/Kg	U
SEE10171535ARM1	10/17/2010	Dibromomethane	7.9	ug/Kg	U
SEE09231035ARM1	9/23/2010	Dibromomethane	7.9	ug/Kg	U
SEE09171200ARM1	9/17/2010	Dibromomethane	7.9	ug/Kg	U
SEE08271614TWH1	8/27/2010	Dibromomethane	7.8	ug/kg	U
SEE10081035ARM1	10/8/2010	Dibromomethane	7.6	ug/Kg	U
SEE08271652TWH1	8/27/2010	Dibromomethane	7.6	ug/kg	U

**TABLE B-2b**  
**Upstream Sediment Samples (Morrow Lake)**

Sample ID	Sample Date	Analyte	Result	Unit	Data Qualifier
SEE09100945RCM1	9/10/2010	Dibromomethane	7.5	ug/Kg	U
SEE09211120ARM1	9/21/2010	Dibromomethane	7.4	ug/Kg	U
SEB09011143JLS1	9/1/2010	Dibromomethane	7.1	ug/Kg	U
SEE08301410JRP1	8/30/2010	Dibromomethane	7.0	ug/Kg	U
SEE09281445RCM1	9/28/2010	Dibromomethane	6.5	ug/Kg	U
SEE08271536TWH1	8/27/2010	Dibromomethane	6.3	ug/kg	U
SEE09271500ARM1	9/27/2010	Dibromomethane	6.2	ug/Kg	U
SEE09170935RCM1	9/17/2010	Dibromomethane	6.1	ug/Kg	U
SEF10011045TDF1	10/1/2010	Dibromomethane	6.0	ug/Kg	U
SEE09150915JRP1	9/15/2010	Dibromomethane	6.0	ug/Kg	U
SEE10011043RCM1	10/1/2010	Dibromomethane	5.8	ug/Kg	U
SEE09290915MAE1	9/29/2010	Dibromomethane	5.8	ug/Kg	U
SEE10131035ARM1	10/13/2010	Dibromomethane	5.5	ug/Kg	U
SEE10071045ARM1	10/7/2010	Dibromomethane	5.5	ug/Kg	UJ
SEE10041045ARM1	10/4/2010	Dibromomethane	5.5	ug/Kg	U
SEF10151030PMB3	10/15/2010	Dibromomethane	5.4	ug/Kg	U
SEF10081108TDF3	10/8/2010	Dibromomethane	5.4	ug/Kg	U
SEE09251235ARM1	9/25/2010	Dibromomethane	5.4	ug/Kg	U
SEE08281540JRP1	8/28/2010	Dibromomethane	5.4	ug/kg	U
SEF10051206TDF3	10/5/2010	Dibromomethane	5.3	ug/Kg	UJ
SEE09140945JRP1	9/14/2010	Dibromomethane	5.3	ug/Kg	U
SEE09080930JRP1	9/8/2010	Dibromomethane	5.3	ug/Kg	U
SEE09011515JAW1	9/1/2010	Dibromomethane	5.3	ug/Kg	U
SEE08301100JRP1	8/30/2010	Dibromomethane	5.3	ug/Kg	U
SEE10121040ARM1	10/12/2010	Dibromomethane	5.2	ug/Kg	U
SEF10121130PMB3	10/12/2010	Dibromomethane	5.2	ug/Kg	U
SEE09221045ARM1	9/22/2010	Dibromomethane	5.2	ug/Kg	U
SEE09100920JRP1	9/10/2010	Dibromomethane	5.1	ug/Kg	U
SEB08281400JLS1	8/28/2010	Dibromomethane	5.1	ug/kg	U
SEE09301025MAE1	9/30/2010	Dibromomethane	5.0	ug/Kg	U
SEE09051500JAW1	9/5/2010	Dibromomethane	5.0	ug/Kg	U
SEE10051145RCM1	10/5/2010	Dibromomethane	4.9	ug/Kg	UJ
SEE09070930JRP1	9/7/2010	Dibromomethane	4.9	ug/Kg	UJ
SEE10061135ARM1	10/6/2010	Dibromomethane	4.8	ug/Kg	U
SEE10181030JWP1	10/18/2010	Dibromomethane	4.6	ug/Kg	U
SEF09281139TDF1	9/28/2010	Dibromomethane	4.3	ug/Kg	U
SEE09231205RCM1	9/23/2010	Dibromomethane	3.3	ug/Kg	U
SEE08271445JRP1	8/27/2010	Dibromomethane	2.8	ug/kg	U
SEE10141015JDF1	10/14/2010	Dichlorodifluoromethane	280	ug/Kg	U
SEE09200945PML1	9/20/2010	Dichlorodifluoromethane	60	ug/Kg	U
SEE09200945PML1	9/20/2010	Dichlorodifluoromethane	60	ug/Kg	U
SEE09201115RCM1	9/20/2010	Dichlorodifluoromethane	58	ug/Kg	U
SEE09201645ARM1	9/20/2010	Dichlorodifluoromethane	48	ug/Kg	U
SEE10071042RCM1	10/7/2010	Dichlorodifluoromethane	45	ug/Kg	U
SEE09061500PML1	9/6/2010	Dichlorodifluoromethane	45	ug/Kg	U
SEE08281607TWH1	8/28/2010	Dichlorodifluoromethane	44	ug/kg	U
SEE09301105JDF1	9/30/2010	Dichlorodifluoromethane	42	ug/Kg	U
SEE09181705PML1	9/18/2010	Dichlorodifluoromethane	42	ug/Kg	U
SEE09021400PML1	9/2/2010	Dichlorodifluoromethane	41	ug/Kg	U
SEE08301130PML1	8/30/2010	Dichlorodifluoromethane	41	ug/Kg	U
SEE10091401PML1	10/9/2010	Dichlorodifluoromethane	40	ug/Kg	U
SEE10181035JDF1	10/18/2010	Dichlorodifluoromethane	39	ug/Kg	U
SEE10051125PML1	10/5/2010	Dichlorodifluoromethane	39	ug/Kg	U
SEE08311045PML1	8/31/2010	Dichlorodifluoromethane	39	ug/Kg	U
SEE10141555ARM1	10/14/2010	Dichlorodifluoromethane	38	ug/Kg	UJ
SEE09101215PML1	9/10/2010	Dichlorodifluoromethane	38	ug/Kg	U
SEE10161530JDF1	10/16/2010	Dichlorodifluoromethane	37	ug/Kg	U
SEE10081115PML1	10/8/2010	Dichlorodifluoromethane	37	ug/Kg	U
SEE09030925PML1	9/3/2010	Dichlorodifluoromethane	37	ug/Kg	UJ
SEE09031115JAW1	9/3/2010	Dichlorodifluoromethane	37	ug/Kg	UJ

**TABLE B-2b**  
**Upstream Sediment Samples (Morrow Lake)**

Sample ID	Sample Date	Analyte	Result	Unit	Data Qualifier
SEE08281505PML1	8/28/2010	Dichlorodifluoromethane	37	ug/kg	U
SEE10171410JDF1	10/17/2010	Dichlorodifluoromethane	36	ug/Kg	U
SEE09191530PML1	9/19/2010	Dichlorodifluoromethane	36	ug/Kg	U
SEE09181235PML1	9/18/2010	Dichlorodifluoromethane	36	ug/Kg	U
SEE09141135PML1	9/14/2010	Dichlorodifluoromethane	36	ug/Kg	U
SEE09101022PML1	9/10/2010	Dichlorodifluoromethane	36	ug/Kg	U
SEE10171115JDF1	10/17/2010	Dichlorodifluoromethane	35	ug/Kg	U
SEE08311420PML1	8/31/2010	Dichlorodifluoromethane	35	ug/Kg	U
SEE08311420PML1	8/31/2010	Dichlorodifluoromethane	35	ug/Kg	U
SEE08271215PML1	8/27/2010	Dichlorodifluoromethane	35	ug/kg	U
SEE10041530JDF1	10/4/2010	Dichlorodifluoromethane	34	ug/Kg	U
SEE09121105RCM1	9/12/2010	Dichlorodifluoromethane	34	ug/Kg	U
SEE09011545PML1	9/1/2010	Dichlorodifluoromethane	34	ug/Kg	U
SEE08301550PML1	8/30/2010	Dichlorodifluoromethane	34	ug/Kg	U
SEE10181210JDF1	10/18/2010	Dichlorodifluoromethane	33	ug/Kg	U
SEE10181430JWP1	10/18/2010	Dichlorodifluoromethane	33	ug/Kg	U
SEE10181510JDF1	10/18/2010	Dichlorodifluoromethane	33	ug/Kg	U
SEE10181510JDF1	10/18/2010	Dichlorodifluoromethane	33	ug/Kg	U
SEE10131150JDF1	10/13/2010	Dichlorodifluoromethane	33	ug/Kg	U
SEE10101010PML1	10/10/2010	Dichlorodifluoromethane	33	ug/Kg	UJ
SEE10101215PML1	10/10/2010	Dichlorodifluoromethane	33	ug/Kg	UJ
SEE10101215PML1	10/10/2010	Dichlorodifluoromethane	33	ug/Kg	UJ
SEE09140945PML1	9/14/2010	Dichlorodifluoromethane	33	ug/Kg	U
SEE09061525MHS1	9/6/2010	Dichlorodifluoromethane	33	ug/Kg	U
SEE09051130PML1	9/5/2010	Dichlorodifluoromethane	33	ug/Kg	U
SEE09031100PML1	9/3/2010	Dichlorodifluoromethane	33	ug/Kg	UJ
SEE09021010PML1	9/2/2010	Dichlorodifluoromethane	33	ug/Kg	U
SEE08281630RCM1	8/28/2010	Dichlorodifluoromethane	33	ug/kg	U
SEE10031115JDF1	10/3/2010	Dichlorodifluoromethane	32	ug/Kg	U
SEE10031115JDF1	10/3/2010	Dichlorodifluoromethane	32	ug/Kg	U
SEE09301205RCM1	9/30/2010	Dichlorodifluoromethane	32	ug/Kg	U
SEE09301255JDF1	9/30/2010	Dichlorodifluoromethane	32	ug/Kg	U
SEE09231645JDF1	9/23/2010	Dichlorodifluoromethane	32	ug/Kg	U
SEE09141515PML1	9/14/2010	Dichlorodifluoromethane	32	ug/Kg	U
SEE09101625PML1	9/10/2010	Dichlorodifluoromethane	32	ug/Kg	U
SEE09091005RCM1	9/9/2010	Dichlorodifluoromethane	32	ug/Kg	U
SEE09061105PML1	9/6/2010	Dichlorodifluoromethane	32	ug/Kg	U
SEE09031650PML1	9/3/2010	Dichlorodifluoromethane	32	ug/Kg	UJ
SEE09031650PML1	9/3/2010	Dichlorodifluoromethane	32	ug/Kg	UJ
SEE10081231PML1	10/8/2010	Dichlorodifluoromethane	31	ug/Kg	U
SEE09231210JDF1	9/23/2010	Dichlorodifluoromethane	31	ug/Kg	U
SEE09161045PML1	9/16/2010	Dichlorodifluoromethane	31	ug/Kg	U
SEE09081205PML1	9/8/2010	Dichlorodifluoromethane	31	ug/Kg	U
SEE09071050PML1	9/7/2010	Dichlorodifluoromethane	31	ug/Kg	U
SEE08301145MHS1	8/30/2010	Dichlorodifluoromethane	31	ug/Kg	U
SEE10161115ARM1	10/16/2010	Dichlorodifluoromethane	30	ug/Kg	U
SEE10120930JDF1	10/12/2010	Dichlorodifluoromethane	30	ug/Kg	U
SEE10071101PML1	10/7/2010	Dichlorodifluoromethane	30	ug/Kg	U
SEE09261625JDF1	9/26/2010	Dichlorodifluoromethane	30	ug/Kg	U
SEE09261625JDF1	9/26/2010	Dichlorodifluoromethane	30	ug/Kg	U
SEE09131445RCM1	9/13/2010	Dichlorodifluoromethane	30	ug/Kg	U
SEE09121055PML1	9/12/2010	Dichlorodifluoromethane	30	ug/Kg	U
SEE09121055PML1	9/12/2010	Dichlorodifluoromethane	30	ug/Kg	U
SEE09121436RCM1	9/12/2010	Dichlorodifluoromethane	30	ug/Kg	U
SEE09091410RCM1	9/9/2010	Dichlorodifluoromethane	30	ug/Kg	U
SEE09011050PML1	9/1/2010	Dichlorodifluoromethane	30	ug/Kg	U
SEE10081051RCM1	10/8/2010	Dichlorodifluoromethane	29	ug/Kg	U
SEE10061640PML1	10/6/2010	Dichlorodifluoromethane	29	ug/Kg	U
SEE10061640PML1	10/6/2010	Dichlorodifluoromethane	29	ug/Kg	U
SEE10051653PML1	10/5/2010	Dichlorodifluoromethane	29	ug/Kg	U

**TABLE B-2b**  
**Upstream Sediment Samples (Morrow Lake)**

Sample ID	Sample Date	Analyte	Result	Unit	Data Qualifier
SEE09261215JDF1	9/26/2010	Dichlorodifluoromethane	29	ug/Kg	U
SEE09231130ARM1	9/23/2010	Dichlorodifluoromethane	29	ug/Kg	U
SEE09191040PML1	9/19/2010	Dichlorodifluoromethane	29	ug/Kg	U
SEE09131026RCM1	9/13/2010	Dichlorodifluoromethane	29	ug/Kg	U
SEE09131505PML1	9/13/2010	Dichlorodifluoromethane	29	ug/Kg	U
SEE09040950PML1	9/4/2010	Dichlorodifluoromethane	29	ug/Kg	U
SEE10011120JDF1	10/1/2010	Dichlorodifluoromethane	28	ug/Kg	U
SEE09211155JDF1	9/21/2010	Dichlorodifluoromethane	28	ug/Kg	U
SEE09171415PML1	9/17/2010	Dichlorodifluoromethane	28	ug/Kg	U
SEE09151145PML1	9/15/2010	Dichlorodifluoromethane	28	ug/Kg	U
SEE09151145PML1	9/15/2010	Dichlorodifluoromethane	28	ug/Kg	U
SEE09131620PML1	9/13/2010	Dichlorodifluoromethane	28	ug/Kg	U
SEE09121450PML1	9/12/2010	Dichlorodifluoromethane	28	ug/Kg	U
SEE09091515PML1	9/9/2010	Dichlorodifluoromethane	28	ug/Kg	U
SEE09081010PML1	9/8/2010	Dichlorodifluoromethane	28	ug/Kg	U
SEE09081020RCM1	9/8/2010	Dichlorodifluoromethane	28	ug/Kg	U
SEE09011255PML1	9/1/2010	Dichlorodifluoromethane	28	ug/Kg	U
SEE08301015JRP1	8/30/2010	Dichlorodifluoromethane	28	ug/Kg	U
SEE08261420RCM1	8/26/2010	Dichlorodifluoromethane	28	ug/kg	U
SEE10091614PML1	10/9/2010	Dichlorodifluoromethane	27	ug/Kg	U
SEE10061205PML1	10/6/2010	Dichlorodifluoromethane	27	ug/Kg	U
SEE10041150JDF1	10/4/2010	Dichlorodifluoromethane	27	ug/Kg	U
SEE09251135JDF1	9/25/2010	Dichlorodifluoromethane	27	ug/Kg	U
SEE09221440JDF1	9/22/2010	Dichlorodifluoromethane	27	ug/Kg	U
SEE09170839RCM1	9/17/2010	Dichlorodifluoromethane	27	ug/Kg	U
SEE09151015PML1	9/15/2010	Dichlorodifluoromethane	27	ug/Kg	U
SEE08291110PML1	8/29/2010	Dichlorodifluoromethane	27	ug/kg	U
SEE10141150JDF1	10/14/2010	Dichlorodifluoromethane	26	ug/Kg	UJ
SEE10141550JDF1	10/14/2010	Dichlorodifluoromethane	26	ug/Kg	UJ
SEE10141550JDF1	10/14/2010	Dichlorodifluoromethane	26	ug/Kg	UJ
SEE10121155JDF1	10/12/2010	Dichlorodifluoromethane	26	ug/Kg	U
SEE09271130JDF1	9/27/2010	Dichlorodifluoromethane	26	ug/Kg	U
SEE09131125PML1	9/13/2010	Dichlorodifluoromethane	26	ug/Kg	U
SEE09091010PML1	9/9/2010	Dichlorodifluoromethane	26	ug/Kg	U
SEE09091145PML1	9/9/2010	Dichlorodifluoromethane	26	ug/Kg	U
SEE09091410PML1	9/9/2010	Dichlorodifluoromethane	26	ug/Kg	U
SEE09061130MHS1	9/6/2010	Dichlorodifluoromethane	26	ug/Kg	U
SEE09011145PML1	9/1/2010	Dichlorodifluoromethane	26	ug/Kg	U
SEE08301638MHS1	8/30/2010	Dichlorodifluoromethane	26	ug/Kg	U
SEE10151055ARM1	10/15/2010	Dichlorodifluoromethane	25	ug/Kg	U
SEE10121415ARM1	10/12/2010	Dichlorodifluoromethane	25	ug/Kg	U
SEE10111125JDF1	10/11/2010	Dichlorodifluoromethane	25	ug/Kg	U
SEE10031425JDF1	10/3/2010	Dichlorodifluoromethane	25	ug/Kg	U
SEE09291035JDF1	9/29/2010	Dichlorodifluoromethane	25	ug/Kg	U
SEE09220935RCM1	9/22/2010	Dichlorodifluoromethane	25	ug/Kg	U
SEE09111015PML1	9/11/2010	Dichlorodifluoromethane	25	ug/Kg	U
SEE09051015PML1	9/5/2010	Dichlorodifluoromethane	25	ug/Kg	U
SEE08301445JRP1	8/30/2010	Dichlorodifluoromethane	25	ug/Kg	U
SEE10161415JDF1	10/16/2010	Dichlorodifluoromethane	24	ug/Kg	U
SEE10040945JDF1	10/4/2010	Dichlorodifluoromethane	24	ug/Kg	U
SEE09230955RCM1	9/23/2010	Dichlorodifluoromethane	24	ug/Kg	U
SEE09211530JDF1	9/21/2010	Dichlorodifluoromethane	24	ug/Kg	U
SEE09170945PML1	9/17/2010	Dichlorodifluoromethane	24	ug/Kg	U
SEE09171125PML1	9/17/2010	Dichlorodifluoromethane	24	ug/Kg	U
SEE09130955JRP1	9/13/2010	Dichlorodifluoromethane	24	ug/Kg	U
SEE09091605PML1	9/9/2010	Dichlorodifluoromethane	24	ug/Kg	U
SEE09041350PML1	9/4/2010	Dichlorodifluoromethane	24	ug/Kg	U
SEE10071205PML1	10/7/2010	Dichlorodifluoromethane	23	ug/Kg	U
SEE10071540PML1	10/7/2010	Dichlorodifluoromethane	23	ug/Kg	U
SEE10041335JDF1	10/4/2010	Dichlorodifluoromethane	23	ug/Kg	U

**TABLE B-2b**  
**Upstream Sediment Samples (Morrow Lake)**

Sample ID	Sample Date	Analyte	Result	Unit	Data Qualifier
SEE09271025ARM1	9/27/2010	Dichlorodifluoromethane	23	ug/Kg	U
SEE09171530PML1	9/17/2010	Dichlorodifluoromethane	23	ug/Kg	U
SEE09051430PML1	9/5/2010	Dichlorodifluoromethane	23	ug/Kg	U
SEE08271500PML1	8/27/2010	Dichlorodifluoromethane	23	ug/kg	U
SEE10150945JDF1	10/15/2010	Dichlorodifluoromethane	22	ug/Kg	U
SEE10111011JDF1	10/11/2010	Dichlorodifluoromethane	22	ug/Kg	U
SEE10111350JDF1	10/11/2010	Dichlorodifluoromethane	22	ug/Kg	U
SEE10061051RCM1	10/6/2010	Dichlorodifluoromethane	22	ug/Kg	U
SEE10041355ARM1	10/4/2010	Dichlorodifluoromethane	22	ug/Kg	U
SEE09271515JDF1	9/27/2010	Dichlorodifluoromethane	22	ug/Kg	U
SEE09221105JDF1	9/22/2010	Dichlorodifluoromethane	22	ug/Kg	U
SEE09130940PML1	9/13/2010	Dichlorodifluoromethane	22	ug/Kg	U
SEE08281215PML1	8/28/2010	Dichlorodifluoromethane	22	ug/kg	U
SEE10121030JDF1	10/12/2010	Dichlorodifluoromethane	21	ug/Kg	U
SEE09290925JDF1	9/29/2010	Dichlorodifluoromethane	21	ug/Kg	U
SEE09091025JRP1	9/9/2010	Dichlorodifluoromethane	21	ug/Kg	U
SEE09011635PML1	9/1/2010	Dichlorodifluoromethane	21	ug/Kg	U
SEE08301520JRP1	8/30/2010	Dichlorodifluoromethane	21	ug/Kg	U
SEE08281420TWH1	8/28/2010	Dichlorodifluoromethane	21	ug/kg	U
SEE08261445JRP1	8/26/2010	Dichlorodifluoromethane	21	ug/Kg	U
SEE10161055JDF1	10/16/2010	Dichlorodifluoromethane	20	ug/Kg	U
SEE10151355ARM1	10/15/2010	Dichlorodifluoromethane	20	ug/Kg	U
SEE10071415ARM1	10/7/2010	Dichlorodifluoromethane	20	ug/Kg	U
SEE09031140MHS1	9/3/2010	Dichlorodifluoromethane	20	ug/Kg	UJ
SEE08291421KAP1	8/29/2010	Dichlorodifluoromethane	20	ug/kg	U
SEE08271145RCM1	8/27/2010	Dichlorodifluoromethane	20	ug/Kg	U
SEE10041050JDF1	10/4/2010	Dichlorodifluoromethane	19	ug/Kg	U
SEE09301255MAE1	9/30/2010	Dichlorodifluoromethane	19	ug/Kg	U
SEE09291645JDF1	9/29/2010	Dichlorodifluoromethane	19	ug/Kg	U
SEE09051550MHS1	9/5/2010	Dichlorodifluoromethane	19	ug/Kg	U
SEE09031645MHS1	9/3/2010	Dichlorodifluoromethane	19	ug/Kg	UJ
SEE10041138RCM1	10/4/2010	Dichlorodifluoromethane	18	ug/Kg	U
SEE09221615JDF1	9/22/2010	Dichlorodifluoromethane	18	ug/Kg	U
SEE09191445RCM1	9/19/2010	Dichlorodifluoromethane	18	ug/Kg	U
SEE08311010JRP1	8/31/2010	Dichlorodifluoromethane	18	ug/Kg	U
SEE09250905RCM1	9/25/2010	Dichlorodifluoromethane	17	ug/Kg	U
SEE09200911RCM1	9/20/2010	Dichlorodifluoromethane	17	ug/Kg	U
SEE09090900JRP1	9/9/2010	Dichlorodifluoromethane	17	ug/Kg	U
SEE09011545MHS1	9/1/2010	Dichlorodifluoromethane	17	ug/Kg	U
SEE08281510TWH1	8/28/2010	Dichlorodifluoromethane	17	ug/kg	U
SEE10170915JDF1	10/17/2010	Dichlorodifluoromethane	16	ug/Kg	U
SEE09291135JDF1	9/29/2010	Dichlorodifluoromethane	16	ug/Kg	U
SEE09260930RCM1	9/26/2010	Dichlorodifluoromethane	16	ug/Kg	U
SEE09201110ARM1	9/20/2010	Dichlorodifluoromethane	15	ug/Kg	U
SEE08301530JAW1	8/30/2010	Dichlorodifluoromethane	15	ug/Kg	U
SEE08291550KAP1	8/29/2010	Dichlorodifluoromethane	15	ug/kg	U
SEE10071151RCM1	10/7/2010	Dichlorodifluoromethane	14	ug/Kg	U
SEE09211112RCM1	9/21/2010	Dichlorodifluoromethane	14	ug/Kg	U
SEE08311348MHS1	8/31/2010	Dichlorodifluoromethane	14	ug/Kg	U
SEE08300920JRP1	8/30/2010	Dichlorodifluoromethane	14	ug/Kg	U
SEE08261620RCM1	8/26/2010	Dichlorodifluoromethane	14	ug/kg	U
SEE10141025ARM1	10/14/2010	Dichlorodifluoromethane	12	ug/Kg	UJ
SEE09130915JRP1	9/13/2010	Dichlorodifluoromethane	12	ug/Kg	U
SEE10091200ARM1	10/9/2010	Dichlorodifluoromethane	11	ug/Kg	U
SEE09291023RCM1	9/29/2010	Dichlorodifluoromethane	11	ug/Kg	U
SEE09171445RCM1	9/17/2010	Dichlorodifluoromethane	11	ug/Kg	U
SEE09161035RCM1	9/16/2010	Dichlorodifluoromethane	11	ug/Kg	U
SEE09141312RCM1	9/14/2010	Dichlorodifluoromethane	10	ug/Kg	U
SEE08291445PML1	8/29/2010	Dichlorodifluoromethane	10	ug/kg	U
SEE08291354KAP1	8/29/2010	Dichlorodifluoromethane	9.3	ug/Kg	U

**TABLE B-2b**  
**Upstream Sediment Samples (Morrow Lake)**

Sample ID	Sample Date	Analyte	Result	Unit	Data Qualifier
SEE10051415ARM1	10/5/2010	Dichlorodifluoromethane	8.7	ug/Kg	U
SEE09061610JAW1	9/6/2010	Dichlorodifluoromethane	8.5	ug/Kg	U
SEE10011125ARM1	10/1/2010	Dichlorodifluoromethane	8.2	ug/Kg	U
SEE08261700JRP1	8/26/2010	Dichlorodifluoromethane	8.2	ug/Kg	U
SEE09051500MHS1	9/5/2010	Dichlorodifluoromethane	8.0	ug/Kg	U
SEE10171535ARM1	10/17/2010	Dichlorodifluoromethane	7.9	ug/Kg	U
SEE09231035ARM1	9/23/2010	Dichlorodifluoromethane	7.9	ug/Kg	U
SEE09171200ARM1	9/17/2010	Dichlorodifluoromethane	7.9	ug/Kg	U
SEE08271614TWH1	8/27/2010	Dichlorodifluoromethane	7.8	ug/kg	U
SEE10081035ARM1	10/8/2010	Dichlorodifluoromethane	7.6	ug/Kg	U
SEE08271652TWH1	8/27/2010	Dichlorodifluoromethane	7.6	ug/kg	U
SEE09100945RCM1	9/10/2010	Dichlorodifluoromethane	7.5	ug/Kg	U
SEE09211120ARM1	9/21/2010	Dichlorodifluoromethane	7.4	ug/Kg	U
SEB09011143JLS1	9/1/2010	Dichlorodifluoromethane	7.1	ug/Kg	U
SEE08301410JRP1	8/30/2010	Dichlorodifluoromethane	7.0	ug/Kg	U
SEE09281445RCM1	9/28/2010	Dichlorodifluoromethane	6.5	ug/Kg	U
SEE08271536TWH1	8/27/2010	Dichlorodifluoromethane	6.3	ug/kg	U
SEE09271500ARM1	9/27/2010	Dichlorodifluoromethane	6.2	ug/Kg	U
SEE09170935RCM1	9/17/2010	Dichlorodifluoromethane	6.1	ug/Kg	U
SEF10011045TDF1	10/1/2010	Dichlorodifluoromethane	6.0	ug/Kg	U
SEE09150915JRP1	9/15/2010	Dichlorodifluoromethane	6.0	ug/Kg	U
SEE10011043RCM1	10/1/2010	Dichlorodifluoromethane	5.8	ug/Kg	U
SEE09290915MAE1	9/29/2010	Dichlorodifluoromethane	5.8	ug/Kg	U
SEE10131035ARM1	10/13/2010	Dichlorodifluoromethane	5.5	ug/Kg	U
SEE10071045ARM1	10/7/2010	Dichlorodifluoromethane	5.5	ug/Kg	U
SEE10041045ARM1	10/4/2010	Dichlorodifluoromethane	5.5	ug/Kg	U
SEF10151030PMB3	10/15/2010	Dichlorodifluoromethane	5.4	ug/Kg	U
SEF10081108TDF3	10/8/2010	Dichlorodifluoromethane	5.4	ug/Kg	U
SEE09251235ARM1	9/25/2010	Dichlorodifluoromethane	5.4	ug/Kg	U
SEE08281540JRP1	8/28/2010	Dichlorodifluoromethane	5.4	ug/kg	U
SEF10051206TDF3	10/5/2010	Dichlorodifluoromethane	5.3	ug/Kg	U
SEE09140945JRP1	9/14/2010	Dichlorodifluoromethane	5.3	ug/Kg	U
SEE09080930JRP1	9/8/2010	Dichlorodifluoromethane	5.3	ug/Kg	U
SEE09011515JAW1	9/1/2010	Dichlorodifluoromethane	5.3	ug/Kg	U
SEE08301100JRP1	8/30/2010	Dichlorodifluoromethane	5.3	ug/Kg	U
SEE10121040ARM1	10/12/2010	Dichlorodifluoromethane	5.2	ug/Kg	U
SEF10121130PMB3	10/12/2010	Dichlorodifluoromethane	5.2	ug/Kg	U
SEE09221045ARM1	9/22/2010	Dichlorodifluoromethane	5.2	ug/Kg	U
SEE09100920JRP1	9/10/2010	Dichlorodifluoromethane	5.1	ug/Kg	U
SEB08281400JLS1	8/28/2010	Dichlorodifluoromethane	5.1	ug/kg	U
SEE09301025MAE1	9/30/2010	Dichlorodifluoromethane	5.0	ug/Kg	U
SEE09051500JAW1	9/5/2010	Dichlorodifluoromethane	5.0	ug/Kg	U
SEE10051145RCM1	10/5/2010	Dichlorodifluoromethane	4.9	ug/Kg	U
SEE09070930JRP1	9/7/2010	Dichlorodifluoromethane	4.9	ug/Kg	U
SEE10061135ARM1	10/6/2010	Dichlorodifluoromethane	4.8	ug/Kg	U
SEE10181030JWP1	10/18/2010	Dichlorodifluoromethane	4.6	ug/Kg	U
SEF09281139TDF1	9/28/2010	Dichlorodifluoromethane	4.3	ug/Kg	U
SEE09231205RCM1	9/23/2010	Dichlorodifluoromethane	3.3	ug/Kg	U
SEE08271445JRP1	8/27/2010	Dichlorodifluoromethane	2.8	ug/kg	U
SEE10211035JDF1	10/21/2010	Diethyl ether	620	ug/Kg	U
SEE10191515JDF1	10/19/2010	Diethyl ether	560	ug/Kg	U
SEE10211430JDF1	10/21/2010	Diethyl ether	540	ug/Kg	U
SEE10191005JDF1	10/19/2010	Diethyl ether	540	ug/Kg	U
SEE10221110JDF1	10/22/2010	Diethyl ether	530	ug/Kg	U
SEE10221110JDF1	10/22/2010	Diethyl ether	530	ug/Kg	U
SEE10191415JDF1	10/19/2010	Diethyl ether	510	ug/Kg	U
SEE10191155JDF1	10/19/2010	Diethyl ether	490	ug/Kg	U
SEE10211010JWP1	10/21/2010	Diethyl ether	470	ug/Kg	U
SEE10191100JDF1	10/19/2010	Diethyl ether	470	ug/Kg	U
SEE10221055DWS1	10/22/2010	Diethyl ether	450	ug/Kg	U

**TABLE B-2b**  
**Upstream Sediment Samples (Morrow Lake)**

Sample ID	Sample Date	Analyte	Result	Unit	Data Qualifier
SEE10191010JWP1	10/19/2010	Diethyl ether	450	ug/Kg	U
SEE10141015JDF1	10/14/2010	Diethyl ether	280	ug/Kg	U
SEE10221450DWS1	10/22/2010	Diethyl ether	240	ug/Kg	U
SEE10211345JWP1	10/21/2010	Diethyl ether	220	ug/Kg	U
SEF10221050MAE3	10/22/2010	Diethyl ether	150	ug/Kg	U
SEF10191135NAC3	10/19/2010	Diethyl ether	150	ug/Kg	U
SEE10191115JWP1	10/19/2010	Diethyl ether	130	ug/Kg	U
SEE09200945PML1	9/20/2010	Diethyl ether	60	ug/Kg	U
SEE09200945PML1	9/20/2010	Diethyl ether	60	ug/Kg	U
SEE09201115RCM1	9/20/2010	Diethyl ether	58	ug/Kg	U
SEE09201645ARM1	9/20/2010	Diethyl ether	48	ug/Kg	U
SEE10071042RCM1	10/7/2010	Diethyl ether	45	ug/Kg	U
SEE09061500PML1	9/6/2010	Diethyl ether	45	ug/Kg	U
SEE09301105JDF1	9/30/2010	Diethyl ether	42	ug/Kg	U
SEE09181705PML1	9/18/2010	Diethyl ether	42	ug/Kg	U
SEE09021400PML1	9/2/2010	Diethyl ether	41	ug/Kg	U
SEE08301130PML1	8/30/2010	Diethyl ether	41	ug/Kg	U
SEE10091401PML1	10/9/2010	Diethyl ether	40	ug/Kg	U
SEE10181035JDF1	10/18/2010	Diethyl ether	39	ug/Kg	U
SEE10051125PML1	10/5/2010	Diethyl ether	39	ug/Kg	U
SEE08311045PML1	8/31/2010	Diethyl ether	39	ug/Kg	U
SEE10141555ARM1	10/14/2010	Diethyl ether	38	ug/Kg	U
SEE09101215PML1	9/10/2010	Diethyl ether	38	ug/Kg	U
SEE10161530JDF1	10/16/2010	Diethyl ether	37	ug/Kg	U
SEE10081115PML1	10/8/2010	Diethyl ether	37	ug/Kg	U
SEE09030925PML1	9/3/2010	Diethyl ether	37	ug/Kg	U
SEE09031115JAW1	9/3/2010	Diethyl ether	37	ug/Kg	U
SEE10171410JDF1	10/17/2010	Diethyl ether	36	ug/Kg	U
SEE09191530PML1	9/19/2010	Diethyl ether	36	ug/Kg	U
SEE09181235PML1	9/18/2010	Diethyl ether	36	ug/Kg	U
SEE09141135PML1	9/14/2010	Diethyl ether	36	ug/Kg	U
SEE09101022PML1	9/10/2010	Diethyl ether	36	ug/Kg	U
SEE10171115JDF1	10/17/2010	Diethyl ether	35	ug/Kg	U
SEE08311420PML1	8/31/2010	Diethyl ether	35	ug/Kg	U
SEE08311420PML1	8/31/2010	Diethyl ether	35	ug/Kg	U
SEE10041530JDF1	10/4/2010	Diethyl ether	34	ug/Kg	U
SEE09121105RCM1	9/12/2010	Diethyl ether	34	ug/Kg	U
SEE09011545PML1	9/1/2010	Diethyl ether	34	ug/Kg	U
SEE08301550PML1	8/30/2010	Diethyl ether	34	ug/Kg	U
SEE10181210JDF1	10/18/2010	Diethyl ether	33	ug/Kg	U
SEE10181430JWP1	10/18/2010	Diethyl ether	33	ug/Kg	U
SEE10181510JDF1	10/18/2010	Diethyl ether	33	ug/Kg	U
SEE10181510JDF1	10/18/2010	Diethyl ether	33	ug/Kg	U
SEE10131150JDF1	10/13/2010	Diethyl ether	33	ug/Kg	U
SEE10101010PML1	10/10/2010	Diethyl ether	33	ug/Kg	U
SEE10101215PML1	10/10/2010	Diethyl ether	33	ug/Kg	U
SEE10101215PML1	10/10/2010	Diethyl ether	33	ug/Kg	U
SEE09140945PML1	9/14/2010	Diethyl ether	33	ug/Kg	U
SEE09061525MHS1	9/6/2010	Diethyl ether	33	ug/Kg	U
SEE09051130PML1	9/5/2010	Diethyl ether	33	ug/Kg	U
SEE09031100PML1	9/3/2010	Diethyl ether	33	ug/Kg	U
SEE09021010PML1	9/2/2010	Diethyl ether	33	ug/Kg	U
SEE10031115JDF1	10/3/2010	Diethyl ether	32	ug/Kg	U
SEE10031115JDF1	10/3/2010	Diethyl ether	32	ug/Kg	U
SEE09301205RCM1	9/30/2010	Diethyl ether	32	ug/Kg	U
SEE09301255JDF1	9/30/2010	Diethyl ether	32	ug/Kg	U
SEE09231645JDF1	9/23/2010	Diethyl ether	32	ug/Kg	U
SEE09141515PML1	9/14/2010	Diethyl ether	32	ug/Kg	U
SEE09101625PML1	9/10/2010	Diethyl ether	32	ug/Kg	U
SEE09091005RCM1	9/9/2010	Diethyl ether	32	ug/Kg	U

**TABLE B-2b**  
**Upstream Sediment Samples (Morrow Lake)**

Sample ID	Sample Date	Analyte	Result	Unit	Data Qualifier
SEE09061105PML1	9/6/2010	Diethyl ether	32	ug/Kg	U
SEE09031650PML1	9/3/2010	Diethyl ether	32	ug/Kg	U
SEE09031650PML1	9/3/2010	Diethyl ether	32	ug/Kg	U
SEE10081231PML1	10/8/2010	Diethyl ether	31	ug/Kg	U
SEE09231210JDF1	9/23/2010	Diethyl ether	31	ug/Kg	U
SEE09161045PML1	9/16/2010	Diethyl ether	31	ug/Kg	U
SEE09081205PML1	9/8/2010	Diethyl ether	31	ug/Kg	U
SEE09071050PML1	9/7/2010	Diethyl ether	31	ug/Kg	U
SEE08301145MHS1	8/30/2010	Diethyl ether	31	ug/Kg	U
SEE10161115ARM1	10/16/2010	Diethyl ether	30	ug/Kg	U
SEE10120930JDF1	10/12/2010	Diethyl ether	30	ug/Kg	U
SEE10071101PML1	10/7/2010	Diethyl ether	30	ug/Kg	U
SEE09261625JDF1	9/26/2010	Diethyl ether	30	ug/Kg	U
SEE09261625JDF1	9/26/2010	Diethyl ether	30	ug/Kg	U
SEE09131445RCM1	9/13/2010	Diethyl ether	30	ug/Kg	U
SEE09121055PML1	9/12/2010	Diethyl ether	30	ug/Kg	U
SEE09121055PML1	9/12/2010	Diethyl ether	30	ug/Kg	U
SEE09121436RCM1	9/12/2010	Diethyl ether	30	ug/Kg	U
SEE09091410RCM1	9/9/2010	Diethyl ether	30	ug/Kg	U
SEE09011050PML1	9/1/2010	Diethyl ether	30	ug/Kg	U
SEE10081051RCM1	10/8/2010	Diethyl ether	29	ug/Kg	U
SEE10061640PML1	10/6/2010	Diethyl ether	29	ug/Kg	U
SEE10061640PML1	10/6/2010	Diethyl ether	29	ug/Kg	U
SEE10051653PML1	10/5/2010	Diethyl ether	29	ug/Kg	U
SEE09261215JDF1	9/26/2010	Diethyl ether	29	ug/Kg	U
SEE09231130ARM1	9/23/2010	Diethyl ether	29	ug/Kg	U
SEE09191040PML1	9/19/2010	Diethyl ether	29	ug/Kg	U
SEE09131026RCM1	9/13/2010	Diethyl ether	29	ug/Kg	U
SEE09131505PML1	9/13/2010	Diethyl ether	29	ug/Kg	U
SEE09040950PML1	9/4/2010	Diethyl ether	29	ug/Kg	U
SEE10011120JDF1	10/1/2010	Diethyl ether	28	ug/Kg	U
SEE09211155JDF1	9/21/2010	Diethyl ether	28	ug/Kg	U
SEE09171415PML1	9/17/2010	Diethyl ether	28	ug/Kg	U
SEE09151145PML1	9/15/2010	Diethyl ether	28	ug/Kg	U
SEE09151145PML1	9/15/2010	Diethyl ether	28	ug/Kg	U
SEE09131620PML1	9/13/2010	Diethyl ether	28	ug/Kg	U
SEE09121450PML1	9/12/2010	Diethyl ether	28	ug/Kg	U
SEE09091515PML1	9/9/2010	Diethyl ether	28	ug/Kg	U
SEE09081010PML1	9/8/2010	Diethyl ether	28	ug/Kg	U
SEE09081020RCM1	9/8/2010	Diethyl ether	28	ug/Kg	U
SEE09011255PML1	9/1/2010	Diethyl ether	28	ug/Kg	U
SEE08301015JRP1	8/30/2010	Diethyl ether	28	ug/Kg	U
SEE10091614PML1	10/9/2010	Diethyl ether	27	ug/Kg	U
SEE10061205PML1	10/6/2010	Diethyl ether	27	ug/Kg	U
SEE10041150JDF1	10/4/2010	Diethyl ether	27	ug/Kg	U
SEE09251135JDF1	9/25/2010	Diethyl ether	27	ug/Kg	U
SEE09221440JDF1	9/22/2010	Diethyl ether	27	ug/Kg	U
SEE09170839RCM1	9/17/2010	Diethyl ether	27	ug/Kg	U
SEE09151015PML1	9/15/2010	Diethyl ether	27	ug/Kg	U
SEE10141150JDF1	10/14/2010	Diethyl ether	26	ug/Kg	U
SEE10141550JDF1	10/14/2010	Diethyl ether	26	ug/Kg	U
SEE10141550JDF1	10/14/2010	Diethyl ether	26	ug/Kg	U
SEE10121155JDF1	10/12/2010	Diethyl ether	26	ug/Kg	U
SEE09271130JDF1	9/27/2010	Diethyl ether	26	ug/Kg	U
SEE09131125PML1	9/13/2010	Diethyl ether	26	ug/Kg	U
SEE09091010PML1	9/9/2010	Diethyl ether	26	ug/Kg	U
SEE09091145PML1	9/9/2010	Diethyl ether	26	ug/Kg	U
SEE09091410PML1	9/9/2010	Diethyl ether	26	ug/Kg	U
SEE09061130MHS1	9/6/2010	Diethyl ether	26	ug/Kg	U
SEE09011145PML1	9/1/2010	Diethyl ether	26	ug/Kg	U



**TABLE B-2b**  
**Upstream Sediment Samples (Morrow Lake)**

Sample ID	Sample Date	Analyte	Result	Unit	Data Qualifier
SEE08301638MHS1	8/30/2010	Diethyl ether	26	ug/Kg	U
SEE10151055ARM1	10/15/2010	Diethyl ether	25	ug/Kg	U
SEE10121415ARM1	10/12/2010	Diethyl ether	25	ug/Kg	U
SEE10111125JDF1	10/11/2010	Diethyl ether	25	ug/Kg	U
SEE10031425JDF1	10/3/2010	Diethyl ether	25	ug/Kg	U
SEE09291035JDF1	9/29/2010	Diethyl ether	25	ug/Kg	U
SEE09220935RCM1	9/22/2010	Diethyl ether	25	ug/Kg	U
SEE09111015PML1	9/11/2010	Diethyl ether	25	ug/Kg	U
SEE09051015PML1	9/5/2010	Diethyl ether	25	ug/Kg	U
SEE08301445JRP1	8/30/2010	Diethyl ether	25	ug/Kg	U
SEE10161415JDF1	10/16/2010	Diethyl ether	24	ug/Kg	U
SEE10040945JDF1	10/4/2010	Diethyl ether	24	ug/Kg	U
SEE09230955RCM1	9/23/2010	Diethyl ether	24	ug/Kg	U
SEE09211530JDF1	9/21/2010	Diethyl ether	24	ug/Kg	U
SEE09170945PML1	9/17/2010	Diethyl ether	24	ug/Kg	U
SEE09171125PML1	9/17/2010	Diethyl ether	24	ug/Kg	U
SEE09130955JRP1	9/13/2010	Diethyl ether	24	ug/Kg	U
SEE09091605PML1	9/9/2010	Diethyl ether	24	ug/Kg	U
SEE09041350PML1	9/4/2010	Diethyl ether	24	ug/Kg	U
SEE10071205PML1	10/7/2010	Diethyl ether	23	ug/Kg	U
SEE10071540PML1	10/7/2010	Diethyl ether	23	ug/Kg	U
SEE10041335JDF1	10/4/2010	Diethyl ether	23	ug/Kg	U
SEE09271025ARM1	9/27/2010	Diethyl ether	23	ug/Kg	U
SEE09171530PML1	9/17/2010	Diethyl ether	23	ug/Kg	U
SEE09051430PML1	9/5/2010	Diethyl ether	23	ug/Kg	U
SEE10150945JDF1	10/15/2010	Diethyl ether	22	ug/Kg	U
SEE10111011JDF1	10/11/2010	Diethyl ether	22	ug/Kg	U
SEE10111350JDF1	10/11/2010	Diethyl ether	22	ug/Kg	U
SEE10061051RCM1	10/6/2010	Diethyl ether	22	ug/Kg	U
SEE10041355ARM1	10/4/2010	Diethyl ether	22	ug/Kg	U
SEE09271515JDF1	9/27/2010	Diethyl ether	22	ug/Kg	U
SEE09221105JDF1	9/22/2010	Diethyl ether	22	ug/Kg	U
SEE09130940PML1	9/13/2010	Diethyl ether	22	ug/Kg	U
SEE10121030JDF1	10/12/2010	Diethyl ether	21	ug/Kg	U
SEE09290925JDF1	9/29/2010	Diethyl ether	21	ug/Kg	U
SEE09091025JRP1	9/9/2010	Diethyl ether	21	ug/Kg	U
SEE09011635PML1	9/1/2010	Diethyl ether	21	ug/Kg	U
SEE08301520JRP1	8/30/2010	Diethyl ether	21	ug/Kg	U
SEE08261445JRP1	8/26/2010	Diethyl ether	21	ug/Kg	U
SEE10161055JDF1	10/16/2010	Diethyl ether	20	ug/Kg	U
SEE10151355ARM1	10/15/2010	Diethyl ether	20	ug/Kg	U
SEE10071415ARM1	10/7/2010	Diethyl ether	20	ug/Kg	U
SEE09031140MHS1	9/3/2010	Diethyl ether	20	ug/Kg	U
SEE10041050JDF1	10/4/2010	Diethyl ether	19	ug/Kg	U
SEE09301255MAE1	9/30/2010	Diethyl ether	19	ug/Kg	U
SEE09291645JDF1	9/29/2010	Diethyl ether	19	ug/Kg	U
SEE09051550MHS1	9/5/2010	Diethyl ether	19	ug/Kg	U
SEE09031645MHS1	9/3/2010	Diethyl ether	19	ug/Kg	U
SEE10041138RCM1	10/4/2010	Diethyl ether	18	ug/Kg	U
SEE09221615JDF1	9/22/2010	Diethyl ether	18	ug/Kg	U
SEE09191445RCM1	9/19/2010	Diethyl ether	18	ug/Kg	U
SEE08311010JRP1	8/31/2010	Diethyl ether	18	ug/Kg	U
SEE09250905RCM1	9/25/2010	Diethyl ether	17	ug/Kg	U
SEE09200911RCM1	9/20/2010	Diethyl ether	17	ug/Kg	U
SEE09090900JRP1	9/9/2010	Diethyl ether	17	ug/Kg	U
SEE09011545MHS1	9/1/2010	Diethyl ether	17	ug/Kg	U
SEE10170915JDF1	10/17/2010	Diethyl ether	16	ug/Kg	U
SEE09291135JDF1	9/29/2010	Diethyl ether	16	ug/Kg	U
SEE09260930RCM1	9/26/2010	Diethyl ether	16	ug/Kg	U
SEE09201110ARM1	9/20/2010	Diethyl ether	15	ug/Kg	U

**TABLE B-2b**  
**Upstream Sediment Samples (Morrow Lake)**

Sample ID	Sample Date	Analyte	Result	Unit	Data Qualifier
SEE08301530JAW1	8/30/2010	Diethyl ether	15	ug/Kg	U
SEE10071151RCM1	10/7/2010	Diethyl ether	14	ug/Kg	U
SEE09211112RCM1	9/21/2010	Diethyl ether	14	ug/Kg	U
SEE08311348MHS1	8/31/2010	Diethyl ether	14	ug/Kg	U
SEE08300920JRP1	8/30/2010	Diethyl ether	14	ug/Kg	U
SEE10141025ARM1	10/14/2010	Diethyl ether	12	ug/Kg	U
SEE09130915JRP1	9/13/2010	Diethyl ether	12	ug/Kg	U
SEE10091200ARM1	10/9/2010	Diethyl ether	11	ug/Kg	U
SEE09291023RCM1	9/29/2010	Diethyl ether	11	ug/Kg	U
SEE09171445RCM1	9/17/2010	Diethyl ether	11	ug/Kg	U
SEE09161035RCM1	9/16/2010	Diethyl ether	11	ug/Kg	U
SEE09141312RCM1	9/14/2010	Diethyl ether	10	ug/Kg	U
SEE10051415ARM1	10/5/2010	Diethyl ether	8.7	ug/Kg	U
SEE09061610JAW1	9/6/2010	Diethyl ether	8.5	ug/Kg	U
SEE10011125ARM1	10/1/2010	Diethyl ether	8.2	ug/Kg	U
SEE08261700JRP1	8/26/2010	Diethyl ether	8.2	ug/Kg	U
SEE09051500MHS1	9/5/2010	Diethyl ether	8.0	ug/Kg	U
SEE10171535ARM1	10/17/2010	Diethyl ether	7.9	ug/Kg	U
SEE09231035ARM1	9/23/2010	Diethyl ether	7.9	ug/Kg	U
SEE09171200ARM1	9/17/2010	Diethyl ether	7.9	ug/Kg	U
SEE10081035ARM1	10/8/2010	Diethyl ether	7.6	ug/Kg	U
SEE09100945RCM1	9/10/2010	Diethyl ether	7.5	ug/Kg	U
SEE09211120ARM1	9/21/2010	Diethyl ether	7.4	ug/Kg	U
SEB09011143JLS1	9/1/2010	Diethyl ether	7.1	ug/Kg	U
SEE08301410JRP1	8/30/2010	Diethyl ether	7.0	ug/Kg	U
SEE09281445RCM1	9/28/2010	Diethyl ether	6.5	ug/Kg	U
SEE09271500ARM1	9/27/2010	Diethyl ether	6.2	ug/Kg	U
SEE09170935RCM1	9/17/2010	Diethyl ether	6.1	ug/Kg	U
SEF10011045TDF1	10/1/2010	Diethyl ether	6.0	ug/Kg	U
SEE09150915JRP1	9/15/2010	Diethyl ether	6.0	ug/Kg	U
SEE10011043RCM1	10/1/2010	Diethyl ether	5.8	ug/Kg	U
SEE09290915MAE1	9/29/2010	Diethyl ether	5.8	ug/Kg	U
SEE10131035ARM1	10/13/2010	Diethyl ether	5.5	ug/Kg	U
SEE10071045ARM1	10/7/2010	Diethyl ether	5.5	ug/Kg	U
SEE10041045ARM1	10/4/2010	Diethyl ether	5.5	ug/Kg	U
SEF10151030PMB3	10/15/2010	Diethyl ether	5.4	ug/Kg	U
SEF10081108TDF3	10/8/2010	Diethyl ether	5.4	ug/Kg	U
SEE09251235ARM1	9/25/2010	Diethyl ether	5.4	ug/Kg	U
SEF10051206TDF3	10/5/2010	Diethyl ether	5.3	ug/Kg	U
SEE09140945JRP1	9/14/2010	Diethyl ether	5.3	ug/Kg	U
SEE09080930JRP1	9/8/2010	Diethyl ether	5.3	ug/Kg	U
SEE09011515JAW1	9/1/2010	Diethyl ether	5.3	ug/Kg	U
SEE08301100JRP1	8/30/2010	Diethyl ether	5.3	ug/Kg	U
SEE10121040ARM1	10/12/2010	Diethyl ether	5.2	ug/Kg	U
SEF10121130PMB3	10/12/2010	Diethyl ether	5.2	ug/Kg	U
SEE09221045ARM1	9/22/2010	Diethyl ether	5.2	ug/Kg	U
SEE09100920JRP1	9/10/2010	Diethyl ether	5.1	ug/Kg	U
SEE09301025MAE1	9/30/2010	Diethyl ether	5.0	ug/Kg	U
SEE09051500JAW1	9/5/2010	Diethyl ether	5.0	ug/Kg	U
SEE10051145RCM1	10/5/2010	Diethyl ether	4.9	ug/Kg	U
SEE09070930JRP1	9/7/2010	Diethyl ether	4.9	ug/Kg	U
SEE10061135ARM1	10/6/2010	Diethyl ether	4.8	ug/Kg	U
SEE10181030JWP1	10/18/2010	Diethyl ether	4.6	ug/Kg	U
SEF09281139TDF1	9/28/2010	Diethyl ether	4.3	ug/Kg	U
SEE09231205RCM1	9/23/2010	Diethyl ether	3.3	ug/Kg	U
SEE09051430PML1	9/5/2010	Diethyl phthalate	3000	ug/Kg	U
SEE09011635PML1	9/1/2010	Diethyl phthalate	3000	ug/Kg	U
SEE10211035JDF1	10/21/2010	Diethyl phthalate	2000	ug/Kg	UJ
SEE10211430JDF1	10/21/2010	Diethyl phthalate	1800	ug/Kg	U
SEE10191005JDF1	10/19/2010	Diethyl phthalate	1800	ug/Kg	U

**TABLE B-2b**  
**Upstream Sediment Samples (Morrow Lake)**

Sample ID	Sample Date	Analyte	Result	Unit	Data Qualifier
SEE10221110JDF1	10/22/2010	Diethyl phthalate	1700	ug/Kg	U
SEE10221110JDF1	10/22/2010	Diethyl phthalate	1700	ug/Kg	U
SEE10191515JDF1	10/19/2010	Diethyl phthalate	1700	ug/Kg	U
SEE10211010JWP1	10/21/2010	Diethyl phthalate	1600	ug/Kg	U
SEE10191155JDF1	10/19/2010	Diethyl phthalate	1600	ug/Kg	U
SEE10191415JDF1	10/19/2010	Diethyl phthalate	1600	ug/Kg	U
SEE08271145RCM1	8/27/2010	Diethyl phthalate	1600	ug/kg	U
SEE10221055DWS1	10/22/2010	Diethyl phthalate	1500	ug/Kg	U
SEE10191100JDF1	10/19/2010	Diethyl phthalate	1500	ug/Kg	U
SEE10191010JWP1	10/19/2010	Diethyl phthalate	1400	ug/Kg	U
SEE08261620RCM1	8/26/2010	Diethyl phthalate	1400	ug/kg	U
SEE08261420RCM1	8/26/2010	Diethyl phthalate	1200	ug/kg	U
SEE10051125PML1	10/5/2010	Diethyl phthalate	930	ug/Kg	U
SEE09061500PML1	9/6/2010	Diethyl phthalate	920	ug/Kg	U
SEE09021400PML1	9/2/2010	Diethyl phthalate	920	ug/Kg	U
SEE09301105JDF1	9/30/2010	Diethyl phthalate	910	ug/Kg	U
SEE08301130PML1	8/30/2010	Diethyl phthalate	910	ug/Kg	U
SEE10171410JDF1	10/17/2010	Diethyl phthalate	880	ug/Kg	U
SEE09181235PML1	9/18/2010	Diethyl phthalate	880	ug/Kg	U
SEE09101022PML1	9/10/2010	Diethyl phthalate	880	ug/Kg	UJ
SEE09011545PML1	9/1/2010	Diethyl phthalate	870	ug/Kg	U
SEE09231645JDF1	9/23/2010	Diethyl phthalate	860	ug/Kg	U
SEE09141135PML1	9/14/2010	Diethyl phthalate	860	ug/Kg	UJ
SEE09091410RCM1	9/9/2010	Diethyl phthalate	860	ug/Kg	U
SEE10081115PML1	10/8/2010	Diethyl phthalate	850	ug/Kg	U
SEE09121105RCM1	9/12/2010	Diethyl phthalate	850	ug/Kg	UJ
SEE09101215PML1	9/10/2010	Diethyl phthalate	850	ug/Kg	UJ
SEE09081020RCM1	9/8/2010	Diethyl phthalate	850	ug/Kg	U
SEE09031645MHS1	9/3/2010	Diethyl phthalate	850	ug/Kg	U
SEE09011545MHS1	9/1/2010	Diethyl phthalate	850	ug/Kg	U
SEE08311420PML1	8/31/2010	Diethyl phthalate	850	ug/Kg	U
SEE08311420PML1	8/31/2010	Diethyl phthalate	850	ug/Kg	U
SEE10131150JDF1	10/13/2010	Diethyl phthalate	840	ug/Kg	U
SEE09301255JDF1	9/30/2010	Diethyl phthalate	840	ug/Kg	U
SEE09030925PML1	9/3/2010	Diethyl phthalate	830	ug/Kg	U
SEE08281607TWH1	8/28/2010	Diethyl phthalate	830	ug/kg	U
SEE08281630RCM1	8/28/2010	Diethyl phthalate	830	ug/kg	U
SEE10091401PML1	10/9/2010	Diethyl phthalate	820	ug/Kg	UJ
SEE09051550MHS1	9/5/2010	Diethyl phthalate	820	ug/Kg	U
SEE09291023RCM1	9/29/2010	Diethyl phthalate	810	ug/Kg	U
SEE09121436RCM1	9/12/2010	Diethyl phthalate	810	ug/Kg	UJ
SEE09021010PML1	9/2/2010	Diethyl phthalate	810	ug/Kg	U
SEE10221450DWS1	10/22/2010	Diethyl phthalate	800	ug/Kg	U
SEE10041530JDF1	10/4/2010	Diethyl phthalate	800	ug/Kg	U
SEE09101625PML1	9/10/2010	Diethyl phthalate	800	ug/Kg	UJ
SEE09061525MHS1	9/6/2010	Diethyl phthalate	800	ug/Kg	U
SEE09031100PML1	9/3/2010	Diethyl phthalate	800	ug/Kg	U
SEE08301638MHS1	8/30/2010	Diethyl phthalate	800	ug/Kg	U
SEE10181035JDF1	10/18/2010	Diethyl phthalate	790	ug/Kg	U
SEE10091614PML1	10/9/2010	Diethyl phthalate	790	ug/Kg	UJ
SEE10051653PML1	10/5/2010	Diethyl phthalate	790	ug/Kg	U
SEE09231210JDF1	9/23/2010	Diethyl phthalate	790	ug/Kg	U
SEE09141515PML1	9/14/2010	Diethyl phthalate	790	ug/Kg	UJ
SEE09131026RCM1	9/13/2010	Diethyl phthalate	790	ug/Kg	U
SEE09051130PML1	9/5/2010	Diethyl phthalate	790	ug/Kg	U
SEE08301550PML1	8/30/2010	Diethyl phthalate	790	ug/Kg	U
SEE10171115JDF1	10/17/2010	Diethyl phthalate	780	ug/Kg	U
SEE10141015JDF1	10/14/2010	Diethyl phthalate	780	ug/Kg	U
SEE09220935RCM1	9/22/2010	Diethyl phthalate	780	ug/Kg	U
SEE09191445RCM1	9/19/2010	Diethyl phthalate	780	ug/Kg	U

**TABLE B-2b**  
**Upstream Sediment Samples (Morrow Lake)**

Sample ID	Sample Date	Analyte	Result	Unit	Data Qualifier
SEE09161045PML1	9/16/2010	Diethyl phthalate	780	ug/Kg	U
SEE09071050PML1	9/7/2010	Diethyl phthalate	780	ug/Kg	U
SEE10181510JDF1	10/18/2010	Diethyl phthalate	770	ug/Kg	U
SEE10181510JDF1	10/18/2010	Diethyl phthalate	770	ug/Kg	U
SEE10061205PML1	10/6/2010	Diethyl phthalate	770	ug/Kg	U
SEE10031115JDF1	10/3/2010	Diethyl phthalate	770	ug/Kg	U
SEE10031115JDF1	10/3/2010	Diethyl phthalate	770	ug/Kg	U
SEE09171415PML1	9/17/2010	Diethyl phthalate	770	ug/Kg	U
SEE09140945PML1	9/14/2010	Diethyl phthalate	770	ug/Kg	UJ
SEE09131445RCM1	9/13/2010	Diethyl phthalate	770	ug/Kg	U
SEE09131505PML1	9/13/2010	Diethyl phthalate	770	ug/Kg	U
SEE08301145MHS1	8/30/2010	Diethyl phthalate	770	ug/Kg	U
SEE10141555ARM1	10/14/2010	Diethyl phthalate	760	ug/Kg	U
SEE10101215PML1	10/10/2010	Diethyl phthalate	760	ug/Kg	U
SEE10101215PML1	10/10/2010	Diethyl phthalate	760	ug/Kg	U
SEE09170839RCM1	9/17/2010	Diethyl phthalate	760	ug/Kg	U
SEE09081205PML1	9/8/2010	Diethyl phthalate	760	ug/Kg	U
SEE09031140MHS1	9/3/2010	Diethyl phthalate	760	ug/Kg	U
SEE10061051RCM1	10/6/2010	Diethyl phthalate	750	ug/Kg	U
SEE10041138RCM1	10/4/2010	Diethyl phthalate	750	ug/Kg	U
SEE09251135JDF1	9/25/2010	Diethyl phthalate	750	ug/Kg	U
SEE09200945PML1	9/20/2010	Diethyl phthalate	750	ug/Kg	U
SEE09200945PML1	9/20/2010	Diethyl phthalate	750	ug/Kg	U
SEE09191040PML1	9/19/2010	Diethyl phthalate	750	ug/Kg	U
SEE09181705PML1	9/18/2010	Diethyl phthalate	750	ug/Kg	U
SEE09091005RCM1	9/9/2010	Diethyl phthalate	750	ug/Kg	U
SEE09061105PML1	9/6/2010	Diethyl phthalate	750	ug/Kg	U
SEE09031650PML1	9/3/2010	Diethyl phthalate	750	ug/Kg	U
SEE09031650PML1	9/3/2010	Diethyl phthalate	750	ug/Kg	U
SEE10141150JDF1	10/14/2010	Diethyl phthalate	740	ug/Kg	U
SEE10101010PML1	10/10/2010	Diethyl phthalate	740	ug/Kg	U
SEE10081051RCM1	10/8/2010	Diethyl phthalate	740	ug/Kg	U
SEE09261625JDF1	9/26/2010	Diethyl phthalate	740	ug/Kg	U
SEE09261625JDF1	9/26/2010	Diethyl phthalate	740	ug/Kg	U
SEE09191530PML1	9/19/2010	Diethyl phthalate	740	ug/Kg	U
SEE09151145PML1	9/15/2010	Diethyl phthalate	740	ug/Kg	U
SEE09151145PML1	9/15/2010	Diethyl phthalate	740	ug/Kg	U
SEE09121055PML1	9/12/2010	Diethyl phthalate	740	ug/Kg	UJ
SEE09121055PML1	9/12/2010	Diethyl phthalate	740	ug/Kg	UJ
SEE09091515PML1	9/9/2010	Diethyl phthalate	740	ug/Kg	U
SEE09081010PML1	9/8/2010	Diethyl phthalate	740	ug/Kg	U
SEE08311045PML1	8/31/2010	Diethyl phthalate	740	ug/Kg	U
SEE10161530JDF1	10/16/2010	Diethyl phthalate	730	ug/Kg	U
SEE10141550JDF1	10/14/2010	Diethyl phthalate	730	ug/Kg	U
SEE10141550JDF1	10/14/2010	Diethyl phthalate	730	ug/Kg	U
SEE10121155JDF1	10/12/2010	Diethyl phthalate	730	ug/Kg	U
SEE10011120JDF1	10/1/2010	Diethyl phthalate	730	ug/Kg	U
SEE09260930RCM1	9/26/2010	Diethyl phthalate	730	ug/Kg	U
SEE09230955RCM1	9/23/2010	Diethyl phthalate	730	ug/Kg	U
SEE09151015PML1	9/15/2010	Diethyl phthalate	730	ug/Kg	U
SEE09111015PML1	9/11/2010	Diethyl phthalate	730	ug/Kg	UJ
SEE08281505PML1	8/28/2010	Diethyl phthalate	730	ug/kg	U
SEE10181210JDF1	10/18/2010	Diethyl phthalate	720	ug/Kg	U
SEE10150945JDF1	10/15/2010	Diethyl phthalate	720	ug/Kg	U
SEE10120930JDF1	10/12/2010	Diethyl phthalate	720	ug/Kg	U
SEE10081231PML1	10/8/2010	Diethyl phthalate	720	ug/Kg	U
SEE10071042RCM1	10/7/2010	Diethyl phthalate	720	ug/Kg	U
SEE10071101PML1	10/7/2010	Diethyl phthalate	720	ug/Kg	U
SEE09261215JDF1	9/26/2010	Diethyl phthalate	720	ug/Kg	U
SEE09011050PML1	9/1/2010	Diethyl phthalate	720	ug/Kg	U

**TABLE B-2b**  
**Upstream Sediment Samples (Morrow Lake)**

Sample ID	Sample Date	Analyte	Result	Unit	Data Qualifier
SEE08271215PML1	8/27/2010	Diethyl phthalate	720	ug/kg	U
SEE09221440JDF1	9/22/2010	Diethyl phthalate	710	ug/Kg	U
SEE09040950PML1	9/4/2010	Diethyl phthalate	710	ug/Kg	U
SEE10181430JWP1	10/18/2010	Diethyl phthalate	700	ug/Kg	U
SEE10161115ARM1	10/16/2010	Diethyl phthalate	700	ug/Kg	U
SEE10061640PML1	10/6/2010	Diethyl phthalate	700	ug/Kg	U
SEE10061640PML1	10/6/2010	Diethyl phthalate	700	ug/Kg	U
SEE09301205RCM1	9/30/2010	Diethyl phthalate	700	ug/Kg	U
SEE09211155JDF1	9/21/2010	Diethyl phthalate	700	ug/Kg	U
SEE09201115RCM1	9/20/2010	Diethyl phthalate	700	ug/Kg	U
SEE09171445RCM1	9/17/2010	Diethyl phthalate	700	ug/Kg	U
SEE09161035RCM1	9/16/2010	Diethyl phthalate	700	ug/Kg	U
SEE10041150JDF1	10/4/2010	Diethyl phthalate	690	ug/Kg	U
SEE09121450PML1	9/12/2010	Diethyl phthalate	690	ug/Kg	UJ
SEE08301520JRP1	8/30/2010	Diethyl phthalate	690	ug/Kg	U
SEE08271614TWH1	8/27/2010	Diethyl phthalate	690	ug/kg	U
SEE10211345JWP1	10/21/2010	Diethyl phthalate	680	ug/Kg	U
SEE10111125JDF1	10/11/2010	Diethyl phthalate	680	ug/Kg	U
SEE09271130JDF1	9/27/2010	Diethyl phthalate	680	ug/Kg	U
SEE09131620PML1	9/13/2010	Diethyl phthalate	680	ug/Kg	UJ
SEE09061130MHS1	9/6/2010	Diethyl phthalate	680	ug/Kg	U
SEE08261445JRP1	8/26/2010	Diethyl phthalate	680	ug/Kg	U
SEE10031425JDF1	10/3/2010	Diethyl phthalate	670	ug/Kg	U
SEE09291035JDF1	9/29/2010	Diethyl phthalate	670	ug/Kg	U
SEE09250905RCM1	9/25/2010	Diethyl phthalate	670	ug/Kg	U
SEE09211530JDF1	9/21/2010	Diethyl phthalate	670	ug/Kg	U
SEE09131125PML1	9/13/2010	Diethyl phthalate	670	ug/Kg	U
SEE09091605PML1	9/9/2010	Diethyl phthalate	670	ug/Kg	U
SEE09041350PML1	9/4/2010	Diethyl phthalate	670	ug/Kg	U
SEE09011255PML1	9/1/2010	Diethyl phthalate	670	ug/Kg	U
SEE09170945PML1	9/17/2010	Diethyl phthalate	660	ug/Kg	U
SEE09091145PML1	9/9/2010	Diethyl phthalate	660	ug/Kg	U
SEE08301445JRP1	8/30/2010	Diethyl phthalate	660	ug/Kg	U
SEE08271500PML1	8/27/2010	Diethyl phthalate	660	ug/kg	U
SEE09091410PML1	9/9/2010	Diethyl phthalate	650	ug/Kg	U
SEE09171125PML1	9/17/2010	Diethyl phthalate	640	ug/Kg	U
SEE09051015PML1	9/5/2010	Diethyl phthalate	640	ug/Kg	U
SEE10161415JDF1	10/16/2010	Diethyl phthalate	630	ug/Kg	U
SEE10111011JDF1	10/11/2010	Diethyl phthalate	630	ug/Kg	U
SEE09130940PML1	9/13/2010	Diethyl phthalate	630	ug/Kg	U
SEE08301015JRP1	8/30/2010	Diethyl phthalate	630	ug/Kg	U
SEE10121415ARM1	10/12/2010	Diethyl phthalate	620	ug/Kg	U
SEE10071540PML1	10/7/2010	Diethyl phthalate	620	ug/Kg	U
SEE09031115JAW1	9/3/2010	Diethyl phthalate	620	ug/Kg	U
SEE08301530JAW1	8/30/2010	Diethyl phthalate	620	ug/Kg	U
SEE10161055JDF1	10/16/2010	Diethyl phthalate	610	ug/Kg	U
SEE10071205PML1	10/7/2010	Diethyl phthalate	610	ug/Kg	U
SEE09271515JDF1	9/27/2010	Diethyl phthalate	610	ug/Kg	U
SEE09211112RCM1	9/21/2010	Diethyl phthalate	610	ug/Kg	U
SEE09201645ARM1	9/20/2010	Diethyl phthalate	610	ug/Kg	U
SEE09171530PML1	9/17/2010	Diethyl phthalate	610	ug/Kg	U
SEE09091010PML1	9/9/2010	Diethyl phthalate	610	ug/Kg	U
SEE09091025JRP1	9/9/2010	Diethyl phthalate	610	ug/Kg	U
SEE10111350JDF1	10/11/2010	Diethyl phthalate	600	ug/Kg	U
SEE09290925JDF1	9/29/2010	Diethyl phthalate	600	ug/Kg	U
SEE09221105JDF1	9/22/2010	Diethyl phthalate	600	ug/Kg	U
SEE09221615JDF1	9/22/2010	Diethyl phthalate	600	ug/Kg	U
SEE10151055ARM1	10/15/2010	Diethyl phthalate	590	ug/Kg	U
SEE09301255MAE1	9/30/2010	Diethyl phthalate	590	ug/Kg	U
SEE09011145PML1	9/1/2010	Diethyl phthalate	590	ug/Kg	U

**TABLE B-2b**  
**Upstream Sediment Samples (Morrow Lake)**

Sample ID	Sample Date	Analyte	Result	Unit	Data Qualifier
SEE08291110PML1	8/29/2010	Diethyl phthalate	590	ug/kg	U
SEE10041050JDF1	10/4/2010	Diethyl phthalate	580	ug/Kg	U
SEE09231130ARM1	9/23/2010	Diethyl phthalate	580	ug/Kg	U
SEE10121030JDF1	10/12/2010	Diethyl phthalate	570	ug/Kg	U
SEE10041335JDF1	10/4/2010	Diethyl phthalate	570	ug/Kg	U
SEE09271025ARM1	9/27/2010	Diethyl phthalate	570	ug/Kg	U
SEE08281215PML1	8/28/2010	Diethyl phthalate	570	ug/kg	U
SEE08281420TWH1	8/28/2010	Diethyl phthalate	570	ug/kg	U
SEE10040945JDF1	10/4/2010	Diethyl phthalate	560	ug/Kg	U
SEE09130955JRP1	9/13/2010	Diethyl phthalate	560	ug/Kg	U
SEE09291645JDF1	9/29/2010	Diethyl phthalate	550	ug/Kg	U
SEE08281510TWH1	8/28/2010	Diethyl phthalate	540	ug/kg	U
SEE09141312RCM1	9/14/2010	Diethyl phthalate	530	ug/Kg	UJ
SEE08291421KAP1	8/29/2010	Diethyl phthalate	510	ug/kg	U
SEF10221050MAE3	10/22/2010	Diethyl phthalate	500	ug/Kg	U
SEE08271652TWH1	8/27/2010	Diethyl phthalate	500	ug/kg	U
SEF10191135NAC3	10/19/2010	Diethyl phthalate	490	ug/Kg	U
SEE10151355ARM1	10/15/2010	Diethyl phthalate	480	ug/Kg	U
SEE10041355ARM1	10/4/2010	Diethyl phthalate	480	ug/Kg	U
SEE09090900JRP1	9/9/2010	Diethyl phthalate	470	ug/Kg	U
SEE08311010JRP1	8/31/2010	Diethyl phthalate	470	ug/Kg	U
SEE08311348MHS1	8/31/2010	Diethyl phthalate	470	ug/Kg	U
SEE10170915JDF1	10/17/2010	Diethyl phthalate	460	ug/Kg	U
SEE10071415ARM1	10/7/2010	Diethyl phthalate	460	ug/Kg	U
SEE09291135JDF1	9/29/2010	Diethyl phthalate	460	ug/Kg	U
SEE10191115JWP1	10/19/2010	Diethyl phthalate	430	ug/Kg	U
SEE10071151RCM1	10/7/2010	Diethyl phthalate	430	ug/Kg	U
SEE08300920JRP1	8/30/2010	Diethyl phthalate	410	ug/Kg	U
SEE08291550KAP1	8/29/2010	Diethyl phthalate	410	ug/kg	U
SEE09051500MHS1	9/5/2010	Diethyl phthalate	380	ug/Kg	U
SEE10141025ARM1	10/14/2010	Diethyl phthalate	370	ug/Kg	U
SEE10091200ARM1	10/9/2010	Diethyl phthalate	330	ug/Kg	UJ
SEE09130915JRP1	9/13/2010	Diethyl phthalate	330	ug/Kg	U
SEE08291354KAP1	8/29/2010	Diethyl phthalate	330	ug/kg	U
SEE09061610JAW1	9/6/2010	Diethyl phthalate	290	ug/Kg	U
SEE10051415ARM1	10/5/2010	Diethyl phthalate	280	ug/Kg	U
SEE10171535ARM1	10/17/2010	Diethyl phthalate	270	ug/Kg	U
SEE08291445PML1	8/29/2010	Diethyl phthalate	270	ug/kg	U
SEE08261700JRP1	8/26/2010	Diethyl phthalate	270	ug/Kg	U
SEE09100945RCM1	9/10/2010	Diethyl phthalate	260	ug/Kg	UJ
SEE08301410JRP1	8/30/2010	Diethyl phthalate	260	ug/Kg	U
SEE10011125ARM1	10/1/2010	Diethyl phthalate	250	ug/Kg	U
SEE09211120ARM1	9/21/2010	Diethyl phthalate	250	ug/Kg	U
SEE09201110ARM1	9/20/2010	Diethyl phthalate	250	ug/Kg	U
SEE10081035ARM1	10/8/2010	Diethyl phthalate	240	ug/Kg	U
SEE09171200ARM1	9/17/2010	Diethyl phthalate	240	ug/Kg	U
SEF10011045TDF1	10/1/2010	Diethyl phthalate	230	ug/Kg	U
SEE09290915MAE1	9/29/2010	Diethyl phthalate	230	ug/Kg	U
SEE09271500ARM1	9/27/2010	Diethyl phthalate	230	ug/Kg	U
SEE09231205RCM1	9/23/2010	Diethyl phthalate	230	ug/Kg	U
SEE09200911RCM1	9/20/2010	Diethyl phthalate	230	ug/Kg	U
SEE09140945JRP1	9/14/2010	Diethyl phthalate	230	ug/Kg	UJ
SEE08271445JRP1	8/27/2010	Diethyl phthalate	230	ug/kg	U
SEF10081108TDF3	10/8/2010	Diethyl phthalate	220	ug/Kg	U
SEE10071045ARM1	10/7/2010	Diethyl phthalate	220	ug/Kg	U
SEE10041045ARM1	10/4/2010	Diethyl phthalate	220	ug/Kg	U
SEE10011043RCM1	10/1/2010	Diethyl phthalate	220	ug/Kg	U
SEE09281445RCM1	9/28/2010	Diethyl phthalate	220	ug/Kg	U
SEE09251235ARM1	9/25/2010	Diethyl phthalate	220	ug/Kg	U
SEE09231035ARM1	9/23/2010	Diethyl phthalate	220	ug/Kg	U

**TABLE B-2b**  
**Upstream Sediment Samples (Morrow Lake)**

Sample ID	Sample Date	Analyte	Result	Unit	Data Qualifier
SEE09170935RCM1	9/17/2010	Diethyl phthalate	220	ug/Kg	U
SEE09150915JRP1	9/15/2010	Diethyl phthalate	220	ug/Kg	U
SEE09070930JRP1	9/7/2010	Diethyl phthalate	220	ug/Kg	U
SEB09011143JLS1	9/1/2010	Diethyl phthalate	220	ug/Kg	U
SEE08301100JRP1	8/30/2010	Diethyl phthalate	220	ug/Kg	U
SEE08271536TWH1	8/27/2010	Diethyl phthalate	220	ug/kg	U
SEF10151030PMB3	10/15/2010	Diethyl phthalate	210	ug/Kg	U
SEF10121130PMB3	10/12/2010	Diethyl phthalate	210	ug/Kg	U
SEE10061135ARM1	10/6/2010	Diethyl phthalate	210	ug/Kg	U
SEF10051206TDF3	10/5/2010	Diethyl phthalate	210	ug/Kg	U
SEE09100920JRP1	9/10/2010	Diethyl phthalate	210	ug/Kg	UJ
SEE09051500JAW1	9/5/2010	Diethyl phthalate	210	ug/Kg	U
SEB08281400JLS1	8/28/2010	Diethyl phthalate	210	ug/kg	U
SEE08281540JRP1	8/28/2010	Diethyl phthalate	210	ug/kg	U
SEE10131035ARM1	10/13/2010	Diethyl phthalate	200	ug/Kg	U
SEE10121040ARM1	10/12/2010	Diethyl phthalate	200	ug/Kg	U
SEE10051145RCM1	10/5/2010	Diethyl phthalate	200	ug/Kg	U
SEE09301025MAE1	9/30/2010	Diethyl phthalate	200	ug/Kg	U
SEF09281139TDF1	9/28/2010	Diethyl phthalate	200	ug/Kg	U
SEE09221045ARM1	9/22/2010	Diethyl phthalate	200	ug/Kg	U
SEE09080930JRP1	9/8/2010	Diethyl phthalate	200	ug/Kg	U
SEE09011515JAW1	9/1/2010	Diethyl phthalate	200	ug/Kg	U
SEE10181030JWP1	10/18/2010	Diethyl phthalate	190	ug/Kg	U
ML-07-S-081810	8/18/2010	Diethyl phthalate	0.37	mg/Kg	UJ
ML-06-S-082310	8/23/2010	Diethyl phthalate	0.33	mg/Kg	U
ML-04-S-081710	8/17/2010	Diethyl phthalate	0.32	mg/Kg	U
ML-04-S-082610	8/26/2010	Diethyl phthalate	0.31	mg/Kg	U
ML-03-S-082310	8/23/2010	Diethyl phthalate	0.31	mg/Kg	U
ML-10-S-081910	8/19/2010	Diethyl phthalate	0.31	mg/Kg	U
ML-10-S-081910	8/19/2010	Diethyl phthalate	0.31	mg/Kg	U
ML-09-S-081810	8/18/2010	Diethyl phthalate	0.31	mg/Kg	UJ
ML-06-S-081710	8/17/2010	Diethyl phthalate	0.31	mg/Kg	U
ML-10-S-082610	8/26/2010	Diethyl phthalate	0.30	mg/Kg	U
ML-10-S-082610	8/26/2010	Diethyl phthalate	0.30	mg/Kg	U
ML-05-S-082310	8/23/2010	Diethyl phthalate	0.28	mg/Kg	U
ML-01-S-081910	8/19/2010	Diethyl phthalate	0.27	mg/Kg	U
ML-05-S-081710	8/17/2010	Diethyl phthalate	0.26	mg/Kg	U
ML-02-S-082310	8/23/2010	Diethyl phthalate	0.25	mg/Kg	U
ML-02-S-081710	8/17/2010	Diethyl phthalate	0.24	mg/Kg	U
ML-07-S-082410	8/24/2010	Diethyl phthalate	0.18	mg/Kg	UJ
ML-07-S-082110	8/21/2010	Diethyl phthalate	0.18	mg/Kg	U
ML-05-S-082610	8/26/2010	Diethyl phthalate	0.17	mg/Kg	U
ML-07-S-082510	8/25/2010	Diethyl phthalate	0.17	mg/Kg	U
ML-08-S-082110	8/21/2010	Diethyl phthalate	0.17	mg/Kg	U
ML-07-S-081610	8/16/2010	Diethyl phthalate	0.17	mg/Kg	U
ML-08-S-081610	8/16/2010	Diethyl phthalate	0.17	mg/Kg	U
ML-08-S-082510	8/25/2010	Diethyl phthalate	0.16	mg/Kg	U
ML-08-S-082410	8/24/2010	Diethyl phthalate	0.16	mg/Kg	UJ
ML-06-S-082010	8/20/2010	Diethyl phthalate	0.16	mg/Kg	U
ML-01-S-081610	8/16/2010	Diethyl phthalate	0.16	mg/Kg	U
ML-01-S-082510	8/25/2010	Diethyl phthalate	0.15	mg/Kg	U
ML-09-S-082510	8/25/2010	Diethyl phthalate	0.15	mg/Kg	U
ML-04-S-082410	8/24/2010	Diethyl phthalate	0.15	mg/Kg	UJ
ML-10-S-082410	8/24/2010	Diethyl phthalate	0.15	mg/Kg	UJ
ML-10-S-082410	8/24/2010	Diethyl phthalate	0.15	mg/Kg	UJ
ML-09-S-082110	8/21/2010	Diethyl phthalate	0.15	mg/Kg	U
ML-10-S-082110	8/21/2010	Diethyl phthalate	0.15	mg/Kg	U
ML-10-S-082110	8/21/2010	Diethyl phthalate	0.15	mg/Kg	U
ML-05-S-082010	8/20/2010	Diethyl phthalate	0.15	mg/Kg	U
ML-10-S-081610	8/16/2010	Diethyl phthalate	0.15	mg/Kg	U

**TABLE B-2b**  
**Upstream Sediment Samples (Morrow Lake)**

Sample ID	Sample Date	Analyte	Result	Unit	Data Qualifier
ML-10-S-081610	8/16/2010	Diethyl phthalate	0.15	mg/Kg	U
ML-02-S-082510	8/25/2010	Diethyl phthalate	0.14	mg/Kg	U
ML-09-S-082410	8/24/2010	Diethyl phthalate	0.14	mg/Kg	UJ
ML-01-S-082110	8/21/2010	Diethyl phthalate	0.14	mg/Kg	U
ML-03-S-082510	8/25/2010	Diethyl phthalate	0.13	mg/Kg	U
ML-02-S-082010	8/20/2010	Diethyl phthalate	0.13	mg/Kg	U
ML-03-S-082010	8/20/2010	Diethyl phthalate	0.13	mg/Kg	U
ML-04-S-082010	8/20/2010	Diethyl phthalate	0.13	mg/Kg	U
ML-03-S-081610	8/16/2010	Diethyl phthalate	0.12	mg/Kg	U
ML-06-S-082510	8/25/2010	Diethyl phthalate	0.043	mg/Kg	J
SEE09051430PML1	9/5/2010	Dimethyl phthalate	3000	ug/Kg	U
SEE09011635PML1	9/1/2010	Dimethyl phthalate	3000	ug/Kg	U
SEE10211035JDF1	10/21/2010	Dimethyl phthalate	2000	ug/Kg	UJ
SEE10211430JDF1	10/21/2010	Dimethyl phthalate	1800	ug/Kg	U
SEE10191005JDF1	10/19/2010	Dimethyl phthalate	1800	ug/Kg	U
SEE10221110JDF1	10/22/2010	Dimethyl phthalate	1700	ug/Kg	U
SEE10221110JDF1	10/22/2010	Dimethyl phthalate	1700	ug/Kg	U
SEE10191515JDF1	10/19/2010	Dimethyl phthalate	1700	ug/Kg	U
SEE10211010JWP1	10/21/2010	Dimethyl phthalate	1600	ug/Kg	U
SEE10191155JDF1	10/19/2010	Dimethyl phthalate	1600	ug/Kg	U
SEE10191415JDF1	10/19/2010	Dimethyl phthalate	1600	ug/Kg	U
SEE08271145RCM1	8/27/2010	Dimethyl phthalate	1600	ug/kg	U
SEE10221055DWS1	10/22/2010	Dimethyl phthalate	1500	ug/Kg	U
SEE10191100JDF1	10/19/2010	Dimethyl phthalate	1500	ug/Kg	U
SEE10191010JWP1	10/19/2010	Dimethyl phthalate	1400	ug/Kg	U
SEE08261620RCM1	8/26/2010	Dimethyl phthalate	1400	ug/kg	U
SEE08261420RCM1	8/26/2010	Dimethyl phthalate	1200	ug/kg	U
SEE10051125PML1	10/5/2010	Dimethyl phthalate	930	ug/Kg	U
SEE09061500PML1	9/6/2010	Dimethyl phthalate	920	ug/Kg	U
SEE09021400PML1	9/2/2010	Dimethyl phthalate	920	ug/Kg	U
SEE09301105JDF1	9/30/2010	Dimethyl phthalate	910	ug/Kg	U
SEE08301130PML1	8/30/2010	Dimethyl phthalate	910	ug/Kg	U
SEE10171410JDF1	10/17/2010	Dimethyl phthalate	880	ug/Kg	U
SEE09181235PML1	9/18/2010	Dimethyl phthalate	880	ug/Kg	U
SEE09101022PML1	9/10/2010	Dimethyl phthalate	880	ug/Kg	UJ
SEE09011545PML1	9/1/2010	Dimethyl phthalate	870	ug/Kg	U
SEE09231645JDF1	9/23/2010	Dimethyl phthalate	860	ug/Kg	U
SEE09141135PML1	9/14/2010	Dimethyl phthalate	860	ug/Kg	UJ
SEE09091410RCM1	9/9/2010	Dimethyl phthalate	860	ug/Kg	U
SEE10081115PML1	10/8/2010	Dimethyl phthalate	850	ug/Kg	U
SEE09121105RCM1	9/12/2010	Dimethyl phthalate	850	ug/Kg	UJ
SEE09101215PML1	9/10/2010	Dimethyl phthalate	850	ug/Kg	UJ
SEE09081020RCM1	9/8/2010	Dimethyl phthalate	850	ug/Kg	U
SEE09031645MHS1	9/3/2010	Dimethyl phthalate	850	ug/Kg	U
SEE09011545MHS1	9/1/2010	Dimethyl phthalate	850	ug/Kg	U
SEE08311420PML1	8/31/2010	Dimethyl phthalate	850	ug/Kg	U
SEE08311420PML1	8/31/2010	Dimethyl phthalate	850	ug/Kg	U
SEE10131150JDF1	10/13/2010	Dimethyl phthalate	840	ug/Kg	U
SEE09301255JDF1	9/30/2010	Dimethyl phthalate	840	ug/Kg	U
SEE09030925PML1	9/3/2010	Dimethyl phthalate	830	ug/Kg	U
SEE08281607TWH1	8/28/2010	Dimethyl phthalate	830	ug/kg	U
SEE08281630RCM1	8/28/2010	Dimethyl phthalate	830	ug/kg	U
SEE10091401PML1	10/9/2010	Dimethyl phthalate	820	ug/Kg	UJ
SEE09051550MHS1	9/5/2010	Dimethyl phthalate	820	ug/Kg	U
SEE09291023RCM1	9/29/2010	Dimethyl phthalate	810	ug/Kg	U
SEE09121436RCM1	9/12/2010	Dimethyl phthalate	810	ug/Kg	UJ
SEE09021010PML1	9/2/2010	Dimethyl phthalate	810	ug/Kg	U
SEE10221450DWS1	10/22/2010	Dimethyl phthalate	800	ug/Kg	U
SEE10041530JDF1	10/4/2010	Dimethyl phthalate	800	ug/Kg	U
SEE09101625PML1	9/10/2010	Dimethyl phthalate	800	ug/Kg	UJ



**TABLE B-2b**  
**Upstream Sediment Samples (Morrow Lake)**

Sample ID	Sample Date	Analyte	Result	Unit	Data Qualifier
SEE09061525MHS1	9/6/2010	Dimethyl phthalate	800	ug/Kg	U
SEE09031100PML1	9/3/2010	Dimethyl phthalate	800	ug/Kg	U
SEE08301638MHS1	8/30/2010	Dimethyl phthalate	800	ug/Kg	U
SEE10181035JDF1	10/18/2010	Dimethyl phthalate	790	ug/Kg	U
SEE10091614PML1	10/9/2010	Dimethyl phthalate	790	ug/Kg	UJ
SEE10051653PML1	10/5/2010	Dimethyl phthalate	790	ug/Kg	U
SEE09231210JDF1	9/23/2010	Dimethyl phthalate	790	ug/Kg	U
SEE09141515PML1	9/14/2010	Dimethyl phthalate	790	ug/Kg	UJ
SEE09131026RCM1	9/13/2010	Dimethyl phthalate	790	ug/Kg	U
SEE09051130PML1	9/5/2010	Dimethyl phthalate	790	ug/Kg	U
SEE08301550PML1	8/30/2010	Dimethyl phthalate	790	ug/Kg	U
SEE10171115JDF1	10/17/2010	Dimethyl phthalate	780	ug/Kg	U
SEE10141015JDF1	10/14/2010	Dimethyl phthalate	780	ug/Kg	U
SEE09220935RCM1	9/22/2010	Dimethyl phthalate	780	ug/Kg	U
SEE09191445RCM1	9/19/2010	Dimethyl phthalate	780	ug/Kg	U
SEE09161045PML1	9/16/2010	Dimethyl phthalate	780	ug/Kg	U
SEE09071050PML1	9/7/2010	Dimethyl phthalate	780	ug/Kg	UJ
SEE10181510JDF1	10/18/2010	Dimethyl phthalate	770	ug/Kg	U
SEE10181510JDF1	10/18/2010	Dimethyl phthalate	770	ug/Kg	U
SEE10061205PML1	10/6/2010	Dimethyl phthalate	770	ug/Kg	U
SEE10031115JDF1	10/3/2010	Dimethyl phthalate	770	ug/Kg	U
SEE10031115JDF1	10/3/2010	Dimethyl phthalate	770	ug/Kg	U
SEE09171415PML1	9/17/2010	Dimethyl phthalate	770	ug/Kg	UJ
SEE09140945PML1	9/14/2010	Dimethyl phthalate	770	ug/Kg	UJ
SEE09131445RCM1	9/13/2010	Dimethyl phthalate	770	ug/Kg	U
SEE09131505PML1	9/13/2010	Dimethyl phthalate	770	ug/Kg	U
SEE08301145MHS1	8/30/2010	Dimethyl phthalate	770	ug/Kg	U
SEE10141555ARM1	10/14/2010	Dimethyl phthalate	760	ug/Kg	U
SEE10101215PML1	10/10/2010	Dimethyl phthalate	760	ug/Kg	U
SEE10101215PML1	10/10/2010	Dimethyl phthalate	760	ug/Kg	U
SEE09170839RCM1	9/17/2010	Dimethyl phthalate	760	ug/Kg	UJ
SEE09081205PML1	9/8/2010	Dimethyl phthalate	760	ug/Kg	U
SEE09031140MHS1	9/3/2010	Dimethyl phthalate	760	ug/Kg	U
SEE10061051RCM1	10/6/2010	Dimethyl phthalate	750	ug/Kg	U
SEE10041138RCM1	10/4/2010	Dimethyl phthalate	750	ug/Kg	U
SEE09251135JDF1	9/25/2010	Dimethyl phthalate	750	ug/Kg	U
SEE09200945PML1	9/20/2010	Dimethyl phthalate	750	ug/Kg	U
SEE09200945PML1	9/20/2010	Dimethyl phthalate	750	ug/Kg	U
SEE09191040PML1	9/19/2010	Dimethyl phthalate	750	ug/Kg	U
SEE09181705PML1	9/18/2010	Dimethyl phthalate	750	ug/Kg	U
SEE09091005RCM1	9/9/2010	Dimethyl phthalate	750	ug/Kg	U
SEE09061105PML1	9/6/2010	Dimethyl phthalate	750	ug/Kg	U
SEE09031650PML1	9/3/2010	Dimethyl phthalate	750	ug/Kg	U
SEE09031650PML1	9/3/2010	Dimethyl phthalate	750	ug/Kg	U
SEE10141150JDF1	10/14/2010	Dimethyl phthalate	740	ug/Kg	U
SEE10101010PML1	10/10/2010	Dimethyl phthalate	740	ug/Kg	U
SEE10081051RCM1	10/8/2010	Dimethyl phthalate	740	ug/Kg	U
SEE09261625JDF1	9/26/2010	Dimethyl phthalate	740	ug/Kg	U
SEE09261625JDF1	9/26/2010	Dimethyl phthalate	740	ug/Kg	U
SEE09191530PML1	9/19/2010	Dimethyl phthalate	740	ug/Kg	U
SEE09151145PML1	9/15/2010	Dimethyl phthalate	740	ug/Kg	U
SEE09151145PML1	9/15/2010	Dimethyl phthalate	740	ug/Kg	U
SEE09121055PML1	9/12/2010	Dimethyl phthalate	740	ug/Kg	UJ
SEE09121055PML1	9/12/2010	Dimethyl phthalate	740	ug/Kg	UJ
SEE09091515PML1	9/9/2010	Dimethyl phthalate	740	ug/Kg	U
SEE09081010PML1	9/8/2010	Dimethyl phthalate	740	ug/Kg	U
SEE08311045PML1	8/31/2010	Dimethyl phthalate	740	ug/Kg	U
SEE10161530JDF1	10/16/2010	Dimethyl phthalate	730	ug/Kg	U
SEE10141550JDF1	10/14/2010	Dimethyl phthalate	730	ug/Kg	U
SEE10141550JDF1	10/14/2010	Dimethyl phthalate	730	ug/Kg	U

**TABLE B-2b**  
**Upstream Sediment Samples (Morrow Lake)**

Sample ID	Sample Date	Analyte	Result	Unit	Data Qualifier
SEE10121155JDF1	10/12/2010	Dimethyl phthalate	730	ug/Kg	U
SEE10011120JDF1	10/1/2010	Dimethyl phthalate	730	ug/Kg	U
SEE09260930RCM1	9/26/2010	Dimethyl phthalate	730	ug/Kg	U
SEE09230955RCM1	9/23/2010	Dimethyl phthalate	730	ug/Kg	U
SEE09151015PML1	9/15/2010	Dimethyl phthalate	730	ug/Kg	U
SEE09111015PML1	9/11/2010	Dimethyl phthalate	730	ug/Kg	UJ
SEE08281505PML1	8/28/2010	Dimethyl phthalate	730	ug/kg	U
SEE10181210JDF1	10/18/2010	Dimethyl phthalate	720	ug/Kg	U
SEE10150945JDF1	10/15/2010	Dimethyl phthalate	720	ug/Kg	U
SEE10120930JDF1	10/12/2010	Dimethyl phthalate	720	ug/Kg	U
SEE10081231PML1	10/8/2010	Dimethyl phthalate	720	ug/Kg	U
SEE10071042RCM1	10/7/2010	Dimethyl phthalate	720	ug/Kg	U
SEE10071101PML1	10/7/2010	Dimethyl phthalate	720	ug/Kg	U
SEE09261215JDF1	9/26/2010	Dimethyl phthalate	720	ug/Kg	U
SEE09011050PML1	9/1/2010	Dimethyl phthalate	720	ug/Kg	U
SEE08271215PML1	8/27/2010	Dimethyl phthalate	720	ug/kg	U
SEE09221440JDF1	9/22/2010	Dimethyl phthalate	710	ug/Kg	U
SEE09040950PML1	9/4/2010	Dimethyl phthalate	710	ug/Kg	U
SEE10181430JWP1	10/18/2010	Dimethyl phthalate	700	ug/Kg	U
SEE10161115ARM1	10/16/2010	Dimethyl phthalate	700	ug/Kg	U
SEE10061640PML1	10/6/2010	Dimethyl phthalate	700	ug/Kg	U
SEE10061640PML1	10/6/2010	Dimethyl phthalate	700	ug/Kg	U
SEE09301205RCM1	9/30/2010	Dimethyl phthalate	700	ug/Kg	U
SEE09211155JDF1	9/21/2010	Dimethyl phthalate	700	ug/Kg	UJ
SEE09201115RCM1	9/20/2010	Dimethyl phthalate	700	ug/Kg	U
SEE09171445RCM1	9/17/2010	Dimethyl phthalate	700	ug/Kg	UJ
SEE09161035RCM1	9/16/2010	Dimethyl phthalate	700	ug/Kg	U
SEE10041150JDF1	10/4/2010	Dimethyl phthalate	690	ug/Kg	U
SEE09121450PML1	9/12/2010	Dimethyl phthalate	690	ug/Kg	UJ
SEE08301520JRP1	8/30/2010	Dimethyl phthalate	690	ug/Kg	U
SEE08271614TWH1	8/27/2010	Dimethyl phthalate	690	ug/kg	U
SEE10211345JWP1	10/21/2010	Dimethyl phthalate	680	ug/Kg	U
SEE10111125JDF1	10/11/2010	Dimethyl phthalate	680	ug/Kg	U
SEE09271130JDF1	9/27/2010	Dimethyl phthalate	680	ug/Kg	U
SEE09131620PML1	9/13/2010	Dimethyl phthalate	680	ug/Kg	UJ
SEE09061130MHS1	9/6/2010	Dimethyl phthalate	680	ug/Kg	U
SEE08261445JRP1	8/26/2010	Dimethyl phthalate	680	ug/Kg	U
SEE10031425JDF1	10/3/2010	Dimethyl phthalate	670	ug/Kg	U
SEE09291035JDF1	9/29/2010	Dimethyl phthalate	670	ug/Kg	U
SEE09250905RCM1	9/25/2010	Dimethyl phthalate	670	ug/Kg	U
SEE09211530JDF1	9/21/2010	Dimethyl phthalate	670	ug/Kg	UJ
SEE09131125PML1	9/13/2010	Dimethyl phthalate	670	ug/Kg	U
SEE09091605PML1	9/9/2010	Dimethyl phthalate	670	ug/Kg	U
SEE09041350PML1	9/4/2010	Dimethyl phthalate	670	ug/Kg	U
SEE09011255PML1	9/1/2010	Dimethyl phthalate	670	ug/Kg	U
SEE09170945PML1	9/17/2010	Dimethyl phthalate	660	ug/Kg	UJ
SEE09091145PML1	9/9/2010	Dimethyl phthalate	660	ug/Kg	U
SEE08301445JRP1	8/30/2010	Dimethyl phthalate	660	ug/Kg	U
SEE08271500PML1	8/27/2010	Dimethyl phthalate	660	ug/kg	U
SEE09091410PML1	9/9/2010	Dimethyl phthalate	650	ug/Kg	U
SEE09171125PML1	9/17/2010	Dimethyl phthalate	640	ug/Kg	UJ
SEE09051015PML1	9/5/2010	Dimethyl phthalate	640	ug/Kg	U
SEE10161415JDF1	10/16/2010	Dimethyl phthalate	630	ug/Kg	U
SEE10111011JDF1	10/11/2010	Dimethyl phthalate	630	ug/Kg	U
SEE09130940PML1	9/13/2010	Dimethyl phthalate	630	ug/Kg	U
SEE08301015JRP1	8/30/2010	Dimethyl phthalate	630	ug/Kg	U
SEE10121415ARM1	10/12/2010	Dimethyl phthalate	620	ug/Kg	U
SEE10071540PML1	10/7/2010	Dimethyl phthalate	620	ug/Kg	U
SEE09031115JAW1	9/3/2010	Dimethyl phthalate	620	ug/Kg	U
SEE08301530JAW1	8/30/2010	Dimethyl phthalate	620	ug/Kg	U

**TABLE B-2b**  
**Upstream Sediment Samples (Morrow Lake)**

Sample ID	Sample Date	Analyte	Result	Unit	Data Qualifier
SEE10161055JDF1	10/16/2010	Dimethyl phthalate	610	ug/Kg	U
SEE10071205PML1	10/7/2010	Dimethyl phthalate	610	ug/Kg	U
SEE09271515JDF1	9/27/2010	Dimethyl phthalate	610	ug/Kg	U
SEE09211112RCM1	9/21/2010	Dimethyl phthalate	610	ug/Kg	UJ
SEE09201645ARM1	9/20/2010	Dimethyl phthalate	610	ug/Kg	U
SEE09171530PML1	9/17/2010	Dimethyl phthalate	610	ug/Kg	UJ
SEE09091010PML1	9/9/2010	Dimethyl phthalate	610	ug/Kg	U
SEE09091025JRP1	9/9/2010	Dimethyl phthalate	610	ug/Kg	U
SEE10111350JDF1	10/11/2010	Dimethyl phthalate	600	ug/Kg	U
SEE09290925JDF1	9/29/2010	Dimethyl phthalate	600	ug/Kg	U
SEE09221105JDF1	9/22/2010	Dimethyl phthalate	600	ug/Kg	U
SEE09221615JDF1	9/22/2010	Dimethyl phthalate	600	ug/Kg	U
SEE10151055ARM1	10/15/2010	Dimethyl phthalate	590	ug/Kg	U
SEE09301255MAE1	9/30/2010	Dimethyl phthalate	590	ug/Kg	U
SEE09011145PML1	9/1/2010	Dimethyl phthalate	590	ug/Kg	U
SEE08291110PML1	8/29/2010	Dimethyl phthalate	590	ug/kg	U
SEE10041050JDF1	10/4/2010	Dimethyl phthalate	580	ug/Kg	U
SEE09231130ARM1	9/23/2010	Dimethyl phthalate	580	ug/Kg	U
SEE10121030JDF1	10/12/2010	Dimethyl phthalate	570	ug/Kg	U
SEE10041335JDF1	10/4/2010	Dimethyl phthalate	570	ug/Kg	U
SEE09271025ARM1	9/27/2010	Dimethyl phthalate	570	ug/Kg	U
SEE08281215PML1	8/28/2010	Dimethyl phthalate	570	ug/kg	U
SEE08281420TWH1	8/28/2010	Dimethyl phthalate	570	ug/kg	U
SEE10040945JDF1	10/4/2010	Dimethyl phthalate	560	ug/Kg	U
SEE09130955JRP1	9/13/2010	Dimethyl phthalate	560	ug/Kg	U
SEE09291645JDF1	9/29/2010	Dimethyl phthalate	550	ug/Kg	U
SEE08281510TWH1	8/28/2010	Dimethyl phthalate	540	ug/kg	U
SEE09141312RCM1	9/14/2010	Dimethyl phthalate	530	ug/Kg	UJ
SEE08291421KAP1	8/29/2010	Dimethyl phthalate	510	ug/kg	U
SEF10221050MAE3	10/22/2010	Dimethyl phthalate	500	ug/Kg	U
SEE08271652TWH1	8/27/2010	Dimethyl phthalate	500	ug/kg	U
SEF10191135NAC3	10/19/2010	Dimethyl phthalate	490	ug/Kg	U
SEE10151355ARM1	10/15/2010	Dimethyl phthalate	480	ug/Kg	U
SEE10041355ARM1	10/4/2010	Dimethyl phthalate	480	ug/Kg	U
SEE09090900JRP1	9/9/2010	Dimethyl phthalate	470	ug/Kg	U
SEE08311010JRP1	8/31/2010	Dimethyl phthalate	470	ug/Kg	U
SEE08311348MHS1	8/31/2010	Dimethyl phthalate	470	ug/Kg	U
SEE10170915JDF1	10/17/2010	Dimethyl phthalate	460	ug/Kg	U
SEE10071415ARM1	10/7/2010	Dimethyl phthalate	460	ug/Kg	U
SEE09291135JDF1	9/29/2010	Dimethyl phthalate	460	ug/Kg	U
SEE10191115JWP1	10/19/2010	Dimethyl phthalate	430	ug/Kg	U
SEE10071151RCM1	10/7/2010	Dimethyl phthalate	430	ug/Kg	U
SEE08300920JRP1	8/30/2010	Dimethyl phthalate	410	ug/Kg	U
SEE08291550KAP1	8/29/2010	Dimethyl phthalate	410	ug/kg	U
SEE09051500MHS1	9/5/2010	Dimethyl phthalate	380	ug/Kg	U
SEE10141025ARM1	10/14/2010	Dimethyl phthalate	370	ug/Kg	U
SEE10091200ARM1	10/9/2010	Dimethyl phthalate	330	ug/Kg	UJ
SEE09130915JRP1	9/13/2010	Dimethyl phthalate	330	ug/Kg	U
SEE08291354KAP1	8/29/2010	Dimethyl phthalate	330	ug/kg	U
SEE09061610JAW1	9/6/2010	Dimethyl phthalate	290	ug/Kg	U
SEE10051415ARM1	10/5/2010	Dimethyl phthalate	280	ug/Kg	U
SEE10171535ARM1	10/17/2010	Dimethyl phthalate	270	ug/Kg	U
SEE08291445PML1	8/29/2010	Dimethyl phthalate	270	ug/kg	U
SEE08261700JRP1	8/26/2010	Dimethyl phthalate	270	ug/Kg	U
SEE09100945RCM1	9/10/2010	Dimethyl phthalate	260	ug/Kg	UJ
SEE08301410JRP1	8/30/2010	Dimethyl phthalate	260	ug/Kg	U
SEE10011125ARM1	10/1/2010	Dimethyl phthalate	250	ug/Kg	U
SEE09211120ARM1	9/21/2010	Dimethyl phthalate	250	ug/Kg	UJ
SEE09201110ARM1	9/20/2010	Dimethyl phthalate	250	ug/Kg	U
SEE10081035ARM1	10/8/2010	Dimethyl phthalate	240	ug/Kg	U

**TABLE B-2b**  
**Upstream Sediment Samples (Morrow Lake)**

Sample ID	Sample Date	Analyte	Result	Unit	Data Qualifier
SEE09171200ARM1	9/17/2010	Dimethyl phthalate	240	ug/Kg	UJ
SEF10011045TDF1	10/1/2010	Dimethyl phthalate	230	ug/Kg	U
SEE09290915MAE1	9/29/2010	Dimethyl phthalate	230	ug/Kg	U
SEE09271500ARM1	9/27/2010	Dimethyl phthalate	230	ug/Kg	U
SEE09231205RCM1	9/23/2010	Dimethyl phthalate	230	ug/Kg	U
SEE09200911RCM1	9/20/2010	Dimethyl phthalate	230	ug/Kg	U
SEE09140945JRP1	9/14/2010	Dimethyl phthalate	230	ug/Kg	UJ
SEE08271445JRP1	8/27/2010	Dimethyl phthalate	230	ug/kg	U
SEF10081108TDF3	10/8/2010	Dimethyl phthalate	220	ug/Kg	U
SEE10071045ARM1	10/7/2010	Dimethyl phthalate	220	ug/Kg	U
SEE10041045ARM1	10/4/2010	Dimethyl phthalate	220	ug/Kg	U
SEE10011043RCM1	10/1/2010	Dimethyl phthalate	220	ug/Kg	U
SEE09281445RCM1	9/28/2010	Dimethyl phthalate	220	ug/Kg	U
SEE09251235ARM1	9/25/2010	Dimethyl phthalate	220	ug/Kg	U
SEE09231035ARM1	9/23/2010	Dimethyl phthalate	220	ug/Kg	U
SEE09170935RCM1	9/17/2010	Dimethyl phthalate	220	ug/Kg	UJ
SEE09150915JRP1	9/15/2010	Dimethyl phthalate	220	ug/Kg	U
SEE09070930JRP1	9/7/2010	Dimethyl phthalate	220	ug/Kg	UJ
SEB09011143JLS1	9/1/2010	Dimethyl phthalate	220	ug/Kg	U
SEE08301100JRP1	8/30/2010	Dimethyl phthalate	220	ug/Kg	U
SEE08271536TWH1	8/27/2010	Dimethyl phthalate	220	ug/kg	U
SEF10151030PMB3	10/15/2010	Dimethyl phthalate	210	ug/Kg	U
SEF10121130PMB3	10/12/2010	Dimethyl phthalate	210	ug/Kg	U
SEE10061135ARM1	10/6/2010	Dimethyl phthalate	210	ug/Kg	U
SEF10051206TDF3	10/5/2010	Dimethyl phthalate	210	ug/Kg	U
SEE09100920JRP1	9/10/2010	Dimethyl phthalate	210	ug/Kg	UJ
SEE09051500JAW1	9/5/2010	Dimethyl phthalate	210	ug/Kg	U
SEB08281400JLS1	8/28/2010	Dimethyl phthalate	210	ug/kg	U
SEE08281540JRP1	8/28/2010	Dimethyl phthalate	210	ug/kg	U
SEE10131035ARM1	10/13/2010	Dimethyl phthalate	200	ug/Kg	U
SEE10121040ARM1	10/12/2010	Dimethyl phthalate	200	ug/Kg	U
SEE10051145RCM1	10/5/2010	Dimethyl phthalate	200	ug/Kg	U
SEE09301025MAE1	9/30/2010	Dimethyl phthalate	200	ug/Kg	U
SEF09281139TDF1	9/28/2010	Dimethyl phthalate	200	ug/Kg	U
SEE09221045ARM1	9/22/2010	Dimethyl phthalate	200	ug/Kg	U
SEE09080930JRP1	9/8/2010	Dimethyl phthalate	200	ug/Kg	U
SEE09011515JAW1	9/1/2010	Dimethyl phthalate	200	ug/Kg	U
SEE10181030JWP1	10/18/2010	Dimethyl phthalate	190	ug/Kg	U
ML-07-S-081810	8/18/2010	Dimethyl phthalate	0.37	mg/Kg	UJ
ML-06-S-082310	8/23/2010	Dimethyl phthalate	0.33	mg/Kg	U
ML-04-S-081710	8/17/2010	Dimethyl phthalate	0.32	mg/Kg	U
ML-04-S-082610	8/26/2010	Dimethyl phthalate	0.31	mg/Kg	U
ML-03-S-082310	8/23/2010	Dimethyl phthalate	0.31	mg/Kg	U
ML-10-S-081910	8/19/2010	Dimethyl phthalate	0.31	mg/Kg	U
ML-10-S-081910	8/19/2010	Dimethyl phthalate	0.31	mg/Kg	U
ML-09-S-081810	8/18/2010	Dimethyl phthalate	0.31	mg/Kg	UJ
ML-06-S-081710	8/17/2010	Dimethyl phthalate	0.31	mg/Kg	U
ML-10-S-082610	8/26/2010	Dimethyl phthalate	0.30	mg/Kg	U
ML-10-S-082610	8/26/2010	Dimethyl phthalate	0.30	mg/Kg	U
ML-05-S-082310	8/23/2010	Dimethyl phthalate	0.28	mg/Kg	U
ML-01-S-081910	8/19/2010	Dimethyl phthalate	0.27	mg/Kg	U
ML-05-S-081710	8/17/2010	Dimethyl phthalate	0.26	mg/Kg	U
ML-02-S-082310	8/23/2010	Dimethyl phthalate	0.25	mg/Kg	U
ML-02-S-081710	8/17/2010	Dimethyl phthalate	0.24	mg/Kg	U
ML-07-S-082410	8/24/2010	Dimethyl phthalate	0.18	mg/Kg	UJ
ML-07-S-082110	8/21/2010	Dimethyl phthalate	0.18	mg/Kg	U
ML-05-S-082610	8/26/2010	Dimethyl phthalate	0.17	mg/Kg	U
ML-07-S-082510	8/25/2010	Dimethyl phthalate	0.17	mg/Kg	U
ML-08-S-082110	8/21/2010	Dimethyl phthalate	0.17	mg/Kg	U
ML-07-S-081610	8/16/2010	Dimethyl phthalate	0.17	mg/Kg	U

**TABLE B-2b**  
**Upstream Sediment Samples (Morrow Lake)**

Sample ID	Sample Date	Analyte	Result	Unit	Data Qualifier
ML-08-S-081610	8/16/2010	Dimethyl phthalate	0.17	mg/Kg	U
ML-08-S-082410	8/24/2010	Dimethyl phthalate	0.16	mg/Kg	UJ
ML-06-S-082010	8/20/2010	Dimethyl phthalate	0.16	mg/Kg	U
ML-01-S-082510	8/25/2010	Dimethyl phthalate	0.15	mg/Kg	U
ML-04-S-082410	8/24/2010	Dimethyl phthalate	0.15	mg/Kg	UJ
ML-10-S-082410	8/24/2010	Dimethyl phthalate	0.15	mg/Kg	UJ
ML-10-S-082410	8/24/2010	Dimethyl phthalate	0.15	mg/Kg	UJ
ML-09-S-082110	8/21/2010	Dimethyl phthalate	0.15	mg/Kg	U
ML-10-S-082110	8/21/2010	Dimethyl phthalate	0.15	mg/Kg	U
ML-10-S-082110	8/21/2010	Dimethyl phthalate	0.15	mg/Kg	U
ML-05-S-082010	8/20/2010	Dimethyl phthalate	0.15	mg/Kg	U
ML-10-S-081610	8/16/2010	Dimethyl phthalate	0.15	mg/Kg	U
ML-10-S-081610	8/16/2010	Dimethyl phthalate	0.15	mg/Kg	U
ML-02-S-082510	8/25/2010	Dimethyl phthalate	0.14	mg/Kg	U
ML-09-S-082410	8/24/2010	Dimethyl phthalate	0.14	mg/Kg	UJ
ML-01-S-082110	8/21/2010	Dimethyl phthalate	0.14	mg/Kg	U
ML-03-S-082510	8/25/2010	Dimethyl phthalate	0.13	mg/Kg	U
ML-02-S-082010	8/20/2010	Dimethyl phthalate	0.13	mg/Kg	U
ML-03-S-082010	8/20/2010	Dimethyl phthalate	0.13	mg/Kg	U
ML-04-S-082010	8/20/2010	Dimethyl phthalate	0.13	mg/Kg	U
ML-06-S-082510	8/25/2010	Dimethyl phthalate	0.018	mg/Kg	J
ML-08-S-082510	8/25/2010	Dimethyl phthalate	0.017	mg/Kg	J
ML-01-S-081610	8/16/2010	Dimethyl phthalate	0.017	mg/Kg	J
ML-09-S-082510	8/25/2010	Dimethyl phthalate	0.014	mg/Kg	J
ML-03-S-081610	8/16/2010	Dimethyl phthalate	0.013	mg/Kg	J
SEE09051430PML1	9/5/2010	Di-n-butyl phthalate	3000	ug/Kg	U
SEE09011635PML1	9/1/2010	Di-n-butyl phthalate	3000	ug/Kg	U
SEE10211035JDF1	10/21/2010	Di-n-butyl phthalate	2000	ug/Kg	UJ
SEE10211430JDF1	10/21/2010	Di-n-butyl phthalate	1800	ug/Kg	U
SEE10191005JDF1	10/19/2010	Di-n-butyl phthalate	1800	ug/Kg	U
SEE10221110JDF1	10/22/2010	Di-n-butyl phthalate	1700	ug/Kg	U
SEE10221110JDF1	10/22/2010	Di-n-butyl phthalate	1700	ug/Kg	U
SEE10191515JDF1	10/19/2010	Di-n-butyl phthalate	1700	ug/Kg	U
SEE10211010JWP1	10/21/2010	Di-n-butyl phthalate	1600	ug/Kg	U
SEE10191155JDF1	10/19/2010	Di-n-butyl phthalate	1600	ug/Kg	U
SEE10191415JDF1	10/19/2010	Di-n-butyl phthalate	1600	ug/Kg	U
SEE08271145RCM1	8/27/2010	Di-n-butyl phthalate	1600	ug/kg	U
SEE10221055DWS1	10/22/2010	Di-n-butyl phthalate	1500	ug/Kg	U
SEE10191100JDF1	10/19/2010	Di-n-butyl phthalate	1500	ug/Kg	U
SEE10191010JWP1	10/19/2010	Di-n-butyl phthalate	1400	ug/Kg	U
SEE08261620RCM1	8/26/2010	Di-n-butyl phthalate	1400	ug/kg	U
SEE08261420RCM1	8/26/2010	Di-n-butyl phthalate	1200	ug/kg	U
SEE09301105JDF1	9/30/2010	Di-n-butyl phthalate	910	ug/Kg	U
SEE08301130PML1	8/30/2010	Di-n-butyl phthalate	910	ug/Kg	U
SEE09181235PML1	9/18/2010	Di-n-butyl phthalate	880	ug/Kg	U
SEE09101022PML1	9/10/2010	Di-n-butyl phthalate	880	ug/Kg	UJ
SEE09011545PML1	9/1/2010	Di-n-butyl phthalate	870	ug/Kg	U
SEE09231645JDF1	9/23/2010	Di-n-butyl phthalate	860	ug/Kg	U
SEE09091410RCM1	9/9/2010	Di-n-butyl phthalate	860	ug/Kg	U
SEE09121105RCM1	9/12/2010	Di-n-butyl phthalate	850	ug/Kg	UJ
SEE09101215PML1	9/10/2010	Di-n-butyl phthalate	850	ug/Kg	UJ
SEE09081020RCM1	9/8/2010	Di-n-butyl phthalate	850	ug/Kg	U
SEE09011545MHS1	9/1/2010	Di-n-butyl phthalate	850	ug/Kg	U
SEE08311420PML1	8/31/2010	Di-n-butyl phthalate	850	ug/Kg	U
SEE08311420PML1	8/31/2010	Di-n-butyl phthalate	850	ug/Kg	U
SEE09030925PML1	9/3/2010	Di-n-butyl phthalate	830	ug/Kg	U
SEE08281607TWH1	8/28/2010	Di-n-butyl phthalate	830	ug/kg	U
SEE08281630RCM1	8/28/2010	Di-n-butyl phthalate	830	ug/kg	U
SEE09051550MHS1	9/5/2010	Di-n-butyl phthalate	820	ug/Kg	U
SEE09291023RCM1	9/29/2010	Di-n-butyl phthalate	810	ug/Kg	U

**TABLE B-2b**  
**Upstream Sediment Samples (Morrow Lake)**

Sample ID	Sample Date	Analyte	Result	Unit	Data Qualifier
SEE09121436RCM1	9/12/2010	Di-n-butyl phthalate	810	ug/Kg	UJ
SEE10221450DWS1	10/22/2010	Di-n-butyl phthalate	800	ug/Kg	U
SEE09101625PML1	9/10/2010	Di-n-butyl phthalate	800	ug/Kg	UJ
SEE09031100PML1	9/3/2010	Di-n-butyl phthalate	800	ug/Kg	U
SEE08301638MHS1	8/30/2010	Di-n-butyl phthalate	800	ug/Kg	U
SEE10091614PML1	10/9/2010	Di-n-butyl phthalate	790	ug/Kg	UJ
SEE09231210JDF1	9/23/2010	Di-n-butyl phthalate	790	ug/Kg	U
SEE09141515PML1	9/14/2010	Di-n-butyl phthalate	790	ug/Kg	U
SEE09131026RCM1	9/13/2010	Di-n-butyl phthalate	790	ug/Kg	U
SEE09051130PML1	9/5/2010	Di-n-butyl phthalate	790	ug/Kg	U
SEE08301550PML1	8/30/2010	Di-n-butyl phthalate	790	ug/Kg	U
SEE09220935RCM1	9/22/2010	Di-n-butyl phthalate	780	ug/Kg	U
SEE09071050PML1	9/7/2010	Di-n-butyl phthalate	780	ug/Kg	U
SEE10031115JDF1	10/3/2010	Di-n-butyl phthalate	770	ug/Kg	U
SEE10031115JDF1	10/3/2010	Di-n-butyl phthalate	770	ug/Kg	U
SEE09131445RCM1	9/13/2010	Di-n-butyl phthalate	770	ug/Kg	U
SEE09131505PML1	9/13/2010	Di-n-butyl phthalate	770	ug/Kg	U
SEE09081205PML1	9/8/2010	Di-n-butyl phthalate	760	ug/Kg	U
SEE10061051RCM1	10/6/2010	Di-n-butyl phthalate	750	ug/Kg	U
SEE09251135JDF1	9/25/2010	Di-n-butyl phthalate	750	ug/Kg	UJ
SEE09181705PML1	9/18/2010	Di-n-butyl phthalate	750	ug/Kg	U
SEE09091005RCM1	9/9/2010	Di-n-butyl phthalate	750	ug/Kg	U
SEE09061105PML1	9/6/2010	Di-n-butyl phthalate	750	ug/Kg	U
SEE10101010PML1	10/10/2010	Di-n-butyl phthalate	740	ug/Kg	U
SEE10081051RCM1	10/8/2010	Di-n-butyl phthalate	740	ug/Kg	U
SEE09261625JDF1	9/26/2010	Di-n-butyl phthalate	740	ug/Kg	U
SEE09261625JDF1	9/26/2010	Di-n-butyl phthalate	740	ug/Kg	U
SEE09091515PML1	9/9/2010	Di-n-butyl phthalate	740	ug/Kg	U
SEE09081010PML1	9/8/2010	Di-n-butyl phthalate	740	ug/Kg	U
SEE08311045PML1	8/31/2010	Di-n-butyl phthalate	740	ug/Kg	U
SEE10161530JDF1	10/16/2010	Di-n-butyl phthalate	730	ug/Kg	U
SEE10011120JDF1	10/1/2010	Di-n-butyl phthalate	730	ug/Kg	U
SEE09260930RCM1	9/26/2010	Di-n-butyl phthalate	730	ug/Kg	U
SEE09230955RCM1	9/23/2010	Di-n-butyl phthalate	730	ug/Kg	U
SEE09151015PML1	9/15/2010	Di-n-butyl phthalate	730	ug/Kg	U
SEE08281505PML1	8/28/2010	Di-n-butyl phthalate	730	ug/kg	U
SEE10150945JDF1	10/15/2010	Di-n-butyl phthalate	720	ug/Kg	U
SEE09011050PML1	9/1/2010	Di-n-butyl phthalate	720	ug/Kg	U
SEE10061640PML1	10/6/2010	Di-n-butyl phthalate	700	ug/Kg	U
SEE10061640PML1	10/6/2010	Di-n-butyl phthalate	700	ug/Kg	U
SEE09211155JDF1	9/21/2010	Di-n-butyl phthalate	700	ug/Kg	UJ
SEE09161035RCM1	9/16/2010	Di-n-butyl phthalate	700	ug/Kg	U
SEE09121450PML1	9/12/2010	Di-n-butyl phthalate	690	ug/Kg	UJ
SEE08301520JRP1	8/30/2010	Di-n-butyl phthalate	690	ug/Kg	U
SEE08271614TWH1	8/27/2010	Di-n-butyl phthalate	690	ug/kg	U
SEE10211345JWP1	10/21/2010	Di-n-butyl phthalate	680	ug/Kg	U
SEE09271130JDF1	9/27/2010	Di-n-butyl phthalate	680	ug/Kg	U
SEE09131620PML1	9/13/2010	Di-n-butyl phthalate	680	ug/Kg	UJ
SEE08261445JRP1	8/26/2010	Di-n-butyl phthalate	680	ug/Kg	U
SEE10031425JDF1	10/3/2010	Di-n-butyl phthalate	670	ug/Kg	U
SEE09291035JDF1	9/29/2010	Di-n-butyl phthalate	670	ug/Kg	U
SEE09250905RCM1	9/25/2010	Di-n-butyl phthalate	670	ug/Kg	UJ
SEE09211530JDF1	9/21/2010	Di-n-butyl phthalate	670	ug/Kg	UJ
SEE09131125PML1	9/13/2010	Di-n-butyl phthalate	670	ug/Kg	U
SEE09091605PML1	9/9/2010	Di-n-butyl phthalate	670	ug/Kg	U
SEE09011255PML1	9/1/2010	Di-n-butyl phthalate	670	ug/Kg	U
SEE09091145PML1	9/9/2010	Di-n-butyl phthalate	660	ug/Kg	U
SEE08301445JRP1	8/30/2010	Di-n-butyl phthalate	660	ug/Kg	U
SEE08271500PML1	8/27/2010	Di-n-butyl phthalate	660	ug/kg	U
SEE09091410PML1	9/9/2010	Di-n-butyl phthalate	650	ug/Kg	U

**TABLE B-2b**  
**Upstream Sediment Samples (Morrow Lake)**

Sample ID	Sample Date	Analyte	Result	Unit	Data Qualifier
SEE09051015PML1	9/5/2010	Di-n-butyl phthalate	640	ug/Kg	U
SEE10161415JDF1	10/16/2010	Di-n-butyl phthalate	630	ug/Kg	U
SEE10111011JDF1	10/11/2010	Di-n-butyl phthalate	630	ug/Kg	U
SEE09130940PML1	9/13/2010	Di-n-butyl phthalate	630	ug/Kg	U
SEE08301015JRP1	8/30/2010	Di-n-butyl phthalate	630	ug/Kg	U
SEE10071540PML1	10/7/2010	Di-n-butyl phthalate	620	ug/Kg	U
SEE09031115JAW1	9/3/2010	Di-n-butyl phthalate	620	ug/Kg	U
SEE08301530JAW1	8/30/2010	Di-n-butyl phthalate	620	ug/Kg	U
SEE10161055JDF1	10/16/2010	Di-n-butyl phthalate	610	ug/Kg	U
SEE10071205PML1	10/7/2010	Di-n-butyl phthalate	610	ug/Kg	U
SEE09271515JDF1	9/27/2010	Di-n-butyl phthalate	610	ug/Kg	U
SEE09211112RCM1	9/21/2010	Di-n-butyl phthalate	610	ug/Kg	UJ
SEE09091010PML1	9/9/2010	Di-n-butyl phthalate	610	ug/Kg	U
SEE09091025JRP1	9/9/2010	Di-n-butyl phthalate	610	ug/Kg	U
SEE10111350JDF1	10/11/2010	Di-n-butyl phthalate	600	ug/Kg	U
SEE09290925JDF1	9/29/2010	Di-n-butyl phthalate	600	ug/Kg	U
SEE09221105JDF1	9/22/2010	Di-n-butyl phthalate	600	ug/Kg	U
SEE09221615JDF1	9/22/2010	Di-n-butyl phthalate	600	ug/Kg	U
SEE10151055ARM1	10/15/2010	Di-n-butyl phthalate	590	ug/Kg	U
SEE08291110PML1	8/29/2010	Di-n-butyl phthalate	590	ug/kg	U
SEE10041050JDF1	10/4/2010	Di-n-butyl phthalate	580	ug/Kg	U
SEE09231130ARM1	9/23/2010	Di-n-butyl phthalate	580	ug/Kg	U
SEE09271025ARM1	9/27/2010	Di-n-butyl phthalate	570	ug/Kg	U
SEE08281215PML1	8/28/2010	Di-n-butyl phthalate	570	ug/kg	U
SEE08281420TWH1	8/28/2010	Di-n-butyl phthalate	570	ug/kg	U
SEE09130955JRP1	9/13/2010	Di-n-butyl phthalate	560	ug/Kg	U
SEE09291645JDF1	9/29/2010	Di-n-butyl phthalate	550	ug/Kg	U
SEE08281510TWH1	8/28/2010	Di-n-butyl phthalate	540	ug/kg	U
SEE09141312RCM1	9/14/2010	Di-n-butyl phthalate	530	ug/Kg	U
SEE08291421KAP1	8/29/2010	Di-n-butyl phthalate	510	ug/kg	U
SEF10221050MAE3	10/22/2010	Di-n-butyl phthalate	500	ug/Kg	U
SEE08271652TWH1	8/27/2010	Di-n-butyl phthalate	500	ug/kg	U
SEF10191135NAC3	10/19/2010	Di-n-butyl phthalate	490	ug/Kg	U
SEE10151355ARM1	10/15/2010	Di-n-butyl phthalate	480	ug/Kg	U
SEE09090900JRP1	9/9/2010	Di-n-butyl phthalate	470	ug/Kg	U
SEE08311010JRP1	8/31/2010	Di-n-butyl phthalate	470	ug/Kg	U
SEE08311348MHS1	8/31/2010	Di-n-butyl phthalate	470	ug/Kg	U
SEE10071415ARM1	10/7/2010	Di-n-butyl phthalate	460	ug/Kg	U
SEE09291135JDF1	9/29/2010	Di-n-butyl phthalate	460	ug/Kg	U
SEE10191115JWP1	10/19/2010	Di-n-butyl phthalate	430	ug/Kg	U
SEE10071151RCM1	10/7/2010	Di-n-butyl phthalate	430	ug/Kg	U
SEE08300920JRP1	8/30/2010	Di-n-butyl phthalate	410	ug/Kg	U
SEE08291550KAP1	8/29/2010	Di-n-butyl phthalate	410	ug/kg	U
SEE09051500MHS1	9/5/2010	Di-n-butyl phthalate	380	ug/Kg	U
SEE10091200ARM1	10/9/2010	Di-n-butyl phthalate	330	ug/Kg	UJ
SEE09130915JRP1	9/13/2010	Di-n-butyl phthalate	330	ug/Kg	U
SEE08291354KAP1	8/29/2010	Di-n-butyl phthalate	330	ug/kg	U
SEE08291445PML1	8/29/2010	Di-n-butyl phthalate	270	ug/kg	U
SEE08261700JRP1	8/26/2010	Di-n-butyl phthalate	270	ug/Kg	U
SEE09100945RCM1	9/10/2010	Di-n-butyl phthalate	260	ug/Kg	UJ
SEE08301410JRP1	8/30/2010	Di-n-butyl phthalate	260	ug/Kg	U
SEE10091401PML1	10/9/2010	Di-n-butyl phthalate	250	ug/Kg	J
SEE10011125ARM1	10/1/2010	Di-n-butyl phthalate	250	ug/Kg	U
SEE09161045PML1	9/16/2010	Di-n-butyl phthalate	250	ug/Kg	J
SEE10111125JDF1	10/11/2010	Di-n-butyl phthalate	240	ug/Kg	J
SEE09301255JDF1	9/30/2010	Di-n-butyl phthalate	240	ug/Kg	J
SEE09151145PML1	9/15/2010	Di-n-butyl phthalate	240	ug/Kg	J
SEE09151145PML1	9/15/2010	Di-n-butyl phthalate	240	ug/Kg	J
SEE10041150JDF1	10/4/2010	Di-n-butyl phthalate	230	ug/Kg	J
SEF10011045TDF1	10/1/2010	Di-n-butyl phthalate	230	ug/Kg	U

**TABLE B-2b**  
**Upstream Sediment Samples (Morrow Lake)**

Sample ID	Sample Date	Analyte	Result	Unit	Data Qualifier
SEE09290915MAE1	9/29/2010	Di-n-butyl phthalate	230	ug/Kg	U
SEE09271500ARM1	9/27/2010	Di-n-butyl phthalate	230	ug/Kg	U
SEE09231205RCM1	9/23/2010	Di-n-butyl phthalate	230	ug/Kg	U
SEE09200911RCM1	9/20/2010	Di-n-butyl phthalate	230	ug/Kg	U
SEE09140945JRP1	9/14/2010	Di-n-butyl phthalate	230	ug/Kg	U
SEE08271445JRP1	8/27/2010	Di-n-butyl phthalate	230	ug/kg	U
SEE10071045ARM1	10/7/2010	Di-n-butyl phthalate	220	ug/Kg	U
SEE10061205PML1	10/6/2010	Di-n-butyl phthalate	220	ug/Kg	J
SEE10041138RCM1	10/4/2010	Di-n-butyl phthalate	220	ug/Kg	J
SEE10041530JDF1	10/4/2010	Di-n-butyl phthalate	220	ug/Kg	J
SEE09281445RCM1	9/28/2010	Di-n-butyl phthalate	220	ug/Kg	U
SEE09251235ARM1	9/25/2010	Di-n-butyl phthalate	220	ug/Kg	UU
SEE09231035ARM1	9/23/2010	Di-n-butyl phthalate	220	ug/Kg	U
SEE09170839RCM1	9/17/2010	Di-n-butyl phthalate	220	ug/Kg	J
SEE09150915JRP1	9/15/2010	Di-n-butyl phthalate	220	ug/Kg	U
SEE09070930JRP1	9/7/2010	Di-n-butyl phthalate	220	ug/Kg	U
SEB09011143JLS1	9/1/2010	Di-n-butyl phthalate	220	ug/Kg	U
SEE08301100JRP1	8/30/2010	Di-n-butyl phthalate	220	ug/Kg	U
SEE08271536TWH1	8/27/2010	Di-n-butyl phthalate	220	ug/kg	U
SEE10101215PML1	10/10/2010	Di-n-butyl phthalate	210	ug/Kg	J
SEE10101215PML1	10/10/2010	Di-n-butyl phthalate	210	ug/Kg	J
SEE10061135ARM1	10/6/2010	Di-n-butyl phthalate	210	ug/Kg	U
SEF10051206TDF3	10/5/2010	Di-n-butyl phthalate	210	ug/Kg	U
SEE09140945PML1	9/14/2010	Di-n-butyl phthalate	210	ug/Kg	J
SEE09141135PML1	9/14/2010	Di-n-butyl phthalate	210	ug/Kg	J
SEE09121055PML1	9/12/2010	Di-n-butyl phthalate	210	ug/Kg	J
SEE09121055PML1	9/12/2010	Di-n-butyl phthalate	210	ug/Kg	J
SEE09100920JRP1	9/10/2010	Di-n-butyl phthalate	210	ug/Kg	UU
SEB08281400JLS1	8/28/2010	Di-n-butyl phthalate	210	ug/kg	U
SEE08281540JRP1	8/28/2010	Di-n-butyl phthalate	210	ug/kg	U
SEE10131035ARM1	10/13/2010	Di-n-butyl phthalate	200	ug/Kg	U
SEE10051145RCM1	10/5/2010	Di-n-butyl phthalate	200	ug/Kg	U
SEF09281139TDF1	9/28/2010	Di-n-butyl phthalate	200	ug/Kg	U
SEE09221045ARM1	9/22/2010	Di-n-butyl phthalate	200	ug/Kg	U
SEE09171125PML1	9/17/2010	Di-n-butyl phthalate	200	ug/Kg	J
SEE09080930JRP1	9/8/2010	Di-n-butyl phthalate	200	ug/Kg	U
SEE09011515JAW1	9/1/2010	Di-n-butyl phthalate	200	ug/Kg	U
SEE10181030JWP1	10/18/2010	Di-n-butyl phthalate	190	ug/Kg	U
SEE09221440JDF1	9/22/2010	Di-n-butyl phthalate	190	ug/Kg	J
SEE09191530PML1	9/19/2010	Di-n-butyl phthalate	190	ug/Kg	J
SEE09171530PML1	9/17/2010	Di-n-butyl phthalate	190	ug/Kg	J
SEE10181035JDF1	10/18/2010	Di-n-butyl phthalate	180	ug/Kg	J
SEE10181210JDF1	10/18/2010	Di-n-butyl phthalate	180	ug/Kg	J
SEE10141550JDF1	10/14/2010	Di-n-butyl phthalate	180	ug/Kg	J
SEE10141550JDF1	10/14/2010	Di-n-butyl phthalate	180	ug/Kg	J
SEE10071042RCM1	10/7/2010	Di-n-butyl phthalate	180	ug/Kg	J
SEE10071101PML1	10/7/2010	Di-n-butyl phthalate	180	ug/Kg	J
SEE09261215JDF1	9/26/2010	Di-n-butyl phthalate	180	ug/Kg	J
SEE09171415PML1	9/17/2010	Di-n-butyl phthalate	180	ug/Kg	J
SEE09111015PML1	9/11/2010	Di-n-butyl phthalate	180	ug/Kg	J
SEE09061500PML1	9/6/2010	Di-n-butyl phthalate	180	ug/Kg	J
SEE09031645MHS1	9/3/2010	Di-n-butyl phthalate	180	ug/Kg	J
SEE10171410JDF1	10/17/2010	Di-n-butyl phthalate	170	ug/Kg	J
SEE10141150JDF1	10/14/2010	Di-n-butyl phthalate	170	ug/Kg	J
SEE10131150JDF1	10/13/2010	Di-n-butyl phthalate	170	ug/Kg	J
SEE10041335JDF1	10/4/2010	Di-n-butyl phthalate	170	ug/Kg	J
SEE10041355ARM1	10/4/2010	Di-n-butyl phthalate	170	ug/Kg	J
SEE09191040PML1	9/19/2010	Di-n-butyl phthalate	170	ug/Kg	J
SEE09191445RCM1	9/19/2010	Di-n-butyl phthalate	170	ug/Kg	J
SEE10141555ARM1	10/14/2010	Di-n-butyl phthalate	160	ug/Kg	J



**TABLE B-2b**  
**Upstream Sediment Samples (Morrow Lake)**

Sample ID	Sample Date	Analyte	Result	Unit	Data Qualifier
SEE10040945JDF1	10/4/2010	Di-n-butyl phthalate	160	ug/Kg	J
SEE09301255MAE1	9/30/2010	Di-n-butyl phthalate	160	ug/Kg	J
SEE09201645ARM1	9/20/2010	Di-n-butyl phthalate	160	ug/Kg	J
SEE09170945PML1	9/17/2010	Di-n-butyl phthalate	160	ug/Kg	J
SEE09171445RCM1	9/17/2010	Di-n-butyl phthalate	160	ug/Kg	J
SEE09021400PML1	9/2/2010	Di-n-butyl phthalate	160	ug/Kg	J
SEE10181510JDF1	10/18/2010	Di-n-butyl phthalate	150	ug/Kg	J
SEE10181510JDF1	10/18/2010	Di-n-butyl phthalate	150	ug/Kg	J
SEE10171115JDF1	10/17/2010	Di-n-butyl phthalate	150	ug/Kg	J
SEE10051653PML1	10/5/2010	Di-n-butyl phthalate	150	ug/Kg	J
SEE09200945PML1	9/20/2010	Di-n-butyl phthalate	140	ug/Kg	J
SEE09200945PML1	9/20/2010	Di-n-butyl phthalate	140	ug/Kg	J
SEE10181430JWP1	10/18/2010	Di-n-butyl phthalate	130	ug/Kg	J
SEE10141015JDF1	10/14/2010	Di-n-butyl phthalate	130	ug/Kg	J
SEE09061525MHS1	9/6/2010	Di-n-butyl phthalate	130	ug/Kg	J
SEE09031140MHS1	9/3/2010	Di-n-butyl phthalate	130	ug/Kg	J
SEE10121155JDF1	10/12/2010	Di-n-butyl phthalate	120	ug/Kg	J
SEE10121415ARM1	10/12/2010	Di-n-butyl phthalate	120	ug/Kg	J
SEE10081115PML1	10/8/2010	Di-n-butyl phthalate	120	ug/Kg	J
SEE10051125PML1	10/5/2010	Di-n-butyl phthalate	120	ug/Kg	J
SEE09201115RCM1	9/20/2010	Di-n-butyl phthalate	120	ug/Kg	J
SEE09021010PML1	9/2/2010	Di-n-butyl phthalate	120	ug/Kg	J
SEE10120930JDF1	10/12/2010	Di-n-butyl phthalate	110	ug/Kg	J
SEE09031650PML1	9/3/2010	Di-n-butyl phthalate	110	ug/Kg	J
SEE09031650PML1	9/3/2010	Di-n-butyl phthalate	110	ug/Kg	J
SEE08301145MHS1	8/30/2010	Di-n-butyl phthalate	110	ug/Kg	J
SEE10081231PML1	10/8/2010	Di-n-butyl phthalate	100	ug/Kg	J
SEE10170915JDF1	10/17/2010	Di-n-butyl phthalate	99	ug/Kg	J
SEE09040950PML1	9/4/2010	Di-n-butyl phthalate	97	ug/Kg	J
SEE09301205RCM1	9/30/2010	Di-n-butyl phthalate	94	ug/Kg	J
SEE09061130MHS1	9/6/2010	Di-n-butyl phthalate	91	ug/Kg	J
SEE10161115ARM1	10/16/2010	Di-n-butyl phthalate	90	ug/Kg	J
SEE09041350PML1	9/4/2010	Di-n-butyl phthalate	86	ug/Kg	J
SEE10121030JDF1	10/12/2010	Di-n-butyl phthalate	79	ug/Kg	J
SEE10141025ARM1	10/14/2010	Di-n-butyl phthalate	75	ug/Kg	J
SEE09170935RCM1	9/17/2010	Di-n-butyl phthalate	73	ug/Kg	J
SEE09011145PML1	9/1/2010	Di-n-butyl phthalate	73	ug/Kg	J
SEE09211120ARM1	9/21/2010	Di-n-butyl phthalate	71	ug/Kg	J
SEE09201110ARM1	9/20/2010	Di-n-butyl phthalate	68	ug/Kg	J
SEE10171535ARM1	10/17/2010	Di-n-butyl phthalate	65	ug/Kg	J
SEE09171200ARM1	9/17/2010	Di-n-butyl phthalate	60	ug/Kg	J
SEE10011043RCM1	10/1/2010	Di-n-butyl phthalate	59	ug/Kg	J
SEE10041045ARM1	10/4/2010	Di-n-butyl phthalate	56	ug/Kg	J
SEE09301025MAE1	9/30/2010	Di-n-butyl phthalate	56	ug/Kg	J
SEE09061610JAW1	9/6/2010	Di-n-butyl phthalate	53	ug/Kg	J
SEF10081108TDF3	10/8/2010	Di-n-butyl phthalate	46	ug/Kg	J
SEE08271215PML1	8/27/2010	Di-n-butyl phthalate	45	ug/kg	J
SEF10121130PMB3	10/12/2010	Di-n-butyl phthalate	36	ug/Kg	J
SEE10051415ARM1	10/5/2010	Di-n-butyl phthalate	35	ug/Kg	J
SEF10151030PMB3	10/15/2010	Di-n-butyl phthalate	34	ug/Kg	J
SEE10081035ARM1	10/8/2010	Di-n-butyl phthalate	29	ug/Kg	J
SEE09051500JAW1	9/5/2010	Di-n-butyl phthalate	29	ug/Kg	J
SEE10121040ARM1	10/12/2010	Di-n-butyl phthalate	27	ug/Kg	J
ML-07-S-081810	8/18/2010	Di-n-butyl phthalate	3.7	mg/Kg	UJ
ML-06-S-082310	8/23/2010	Di-n-butyl phthalate	3.3	mg/Kg	U
ML-04-S-081710	8/17/2010	Di-n-butyl phthalate	3.2	mg/Kg	U
ML-04-S-082610	8/26/2010	Di-n-butyl phthalate	3.1	mg/Kg	U
ML-03-S-082310	8/23/2010	Di-n-butyl phthalate	3.1	mg/Kg	U
ML-10-S-081910	8/19/2010	Di-n-butyl phthalate	3.1	mg/Kg	U
ML-10-S-081910	8/19/2010	Di-n-butyl phthalate	3.1	mg/Kg	U

**TABLE B-2b**  
**Upstream Sediment Samples (Morrow Lake)**

Sample ID	Sample Date	Analyte	Result	Unit	Data Qualifier
ML-09-S-081810	8/18/2010	Di-n-butyl phthalate	3.1	mg/Kg	UJ
ML-06-S-081710	8/17/2010	Di-n-butyl phthalate	3.1	mg/Kg	U
ML-10-S-082610	8/26/2010	Di-n-butyl phthalate	3.0	mg/Kg	U
ML-10-S-082610	8/26/2010	Di-n-butyl phthalate	3.0	mg/Kg	U
ML-05-S-082310	8/23/2010	Di-n-butyl phthalate	2.8	mg/Kg	U
ML-01-S-081910	8/19/2010	Di-n-butyl phthalate	2.7	mg/Kg	U
ML-05-S-081710	8/17/2010	Di-n-butyl phthalate	2.6	mg/Kg	U
ML-02-S-082310	8/23/2010	Di-n-butyl phthalate	2.5	mg/Kg	U
ML-02-S-081710	8/17/2010	Di-n-butyl phthalate	2.4	mg/Kg	U
ML-06-S-082510	8/25/2010	Di-n-butyl phthalate	1.8	mg/Kg	U
ML-07-S-082410	8/24/2010	Di-n-butyl phthalate	1.8	mg/Kg	UJ
ML-07-S-082110	8/21/2010	Di-n-butyl phthalate	1.8	mg/Kg	U
ML-05-S-082610	8/26/2010	Di-n-butyl phthalate	1.7	mg/Kg	U
ML-07-S-082510	8/25/2010	Di-n-butyl phthalate	1.7	mg/Kg	U
ML-08-S-082110	8/21/2010	Di-n-butyl phthalate	1.7	mg/Kg	U
ML-07-S-081610	8/16/2010	Di-n-butyl phthalate	1.7	mg/Kg	U
ML-08-S-082510	8/25/2010	Di-n-butyl phthalate	1.6	mg/Kg	U
ML-08-S-082410	8/24/2010	Di-n-butyl phthalate	1.6	mg/Kg	UJ
ML-06-S-082010	8/20/2010	Di-n-butyl phthalate	1.6	mg/Kg	U
ML-01-S-081610	8/16/2010	Di-n-butyl phthalate	1.6	mg/Kg	U
ML-01-S-082510	8/25/2010	Di-n-butyl phthalate	1.5	mg/Kg	U
ML-09-S-082510	8/25/2010	Di-n-butyl phthalate	1.5	mg/Kg	U
ML-04-S-082410	8/24/2010	Di-n-butyl phthalate	1.5	mg/Kg	UJ
ML-10-S-082410	8/24/2010	Di-n-butyl phthalate	1.5	mg/Kg	UJ
ML-10-S-082410	8/24/2010	Di-n-butyl phthalate	1.5	mg/Kg	UJ
ML-09-S-082110	8/21/2010	Di-n-butyl phthalate	1.5	mg/Kg	U
ML-10-S-082110	8/21/2010	Di-n-butyl phthalate	1.5	mg/Kg	U
ML-10-S-082110	8/21/2010	Di-n-butyl phthalate	1.5	mg/Kg	U
ML-05-S-082010	8/20/2010	Di-n-butyl phthalate	1.5	mg/Kg	U
ML-10-S-081610	8/16/2010	Di-n-butyl phthalate	1.5	mg/Kg	U
ML-10-S-081610	8/16/2010	Di-n-butyl phthalate	1.5	mg/Kg	U
ML-02-S-082510	8/25/2010	Di-n-butyl phthalate	1.4	mg/Kg	U
ML-09-S-082410	8/24/2010	Di-n-butyl phthalate	1.4	mg/Kg	UJ
ML-01-S-082110	8/21/2010	Di-n-butyl phthalate	1.4	mg/Kg	U
ML-03-S-082510	8/25/2010	Di-n-butyl phthalate	1.3	mg/Kg	U
ML-02-S-082010	8/20/2010	Di-n-butyl phthalate	1.3	mg/Kg	U
ML-03-S-082010	8/20/2010	Di-n-butyl phthalate	1.3	mg/Kg	U
ML-04-S-082010	8/20/2010	Di-n-butyl phthalate	1.3	mg/Kg	U
ML-03-S-081610	8/16/2010	Di-n-butyl phthalate	1.2	mg/Kg	U
ML-08-S-081610	8/16/2010	Di-n-butyl phthalate	0.97	mg/Kg	J
SEE09051430PML1	9/5/2010	Di-n-octyl phthalate	3000	ug/Kg	U
SEE09011635PML1	9/1/2010	Di-n-octyl phthalate	3000	ug/Kg	U
SEE08271145RCM1	8/27/2010	Di-n-octyl phthalate	1600	ug/kg	U
SEE08261620RCM1	8/26/2010	Di-n-octyl phthalate	1400	ug/kg	U
SEE08261420RCM1	8/26/2010	Di-n-octyl phthalate	1200	ug/kg	U
SEE10211035JDF1	10/21/2010	Di-n-octyl phthalate	960	ug/Kg	UJ
SEE10051125PML1	10/5/2010	Di-n-octyl phthalate	930	ug/Kg	U
SEE09061500PML1	9/6/2010	Di-n-octyl phthalate	920	ug/Kg	U
SEE09021400PML1	9/2/2010	Di-n-octyl phthalate	920	ug/Kg	U
SEE09301105JDF1	9/30/2010	Di-n-octyl phthalate	910	ug/Kg	U
SEE08301130PML1	8/30/2010	Di-n-octyl phthalate	910	ug/Kg	U
SEE09201645ARM1	9/20/2010	Di-n-octyl phthalate	900	ug/Kg	U
SEE10191005JDF1	10/19/2010	Di-n-octyl phthalate	880	ug/Kg	U
SEE10171410JDF1	10/17/2010	Di-n-octyl phthalate	880	ug/Kg	U
SEE09181235PML1	9/18/2010	Di-n-octyl phthalate	880	ug/Kg	U
SEE09101022PML1	9/10/2010	Di-n-octyl phthalate	880	ug/Kg	UJ
SEE09011545PML1	9/1/2010	Di-n-octyl phthalate	870	ug/Kg	U
SEE10211430JDF1	10/21/2010	Di-n-octyl phthalate	860	ug/Kg	U
SEE09231645JDF1	9/23/2010	Di-n-octyl phthalate	860	ug/Kg	U
SEE09141135PML1	9/14/2010	Di-n-octyl phthalate	860	ug/Kg	U

**TABLE B-2b**  
**Upstream Sediment Samples (Morrow Lake)**

Sample ID	Sample Date	Analyte	Result	Unit	Data Qualifier
SEE09091410RCM1	9/9/2010	Di-n-octyl phthalate	860	ug/Kg	U
SEE10081115PML1	10/8/2010	Di-n-octyl phthalate	850	ug/Kg	U
SEE09121105RCM1	9/12/2010	Di-n-octyl phthalate	850	ug/Kg	UJ
SEE09101215PML1	9/10/2010	Di-n-octyl phthalate	850	ug/Kg	UJ
SEE09081020RCM1	9/8/2010	Di-n-octyl phthalate	850	ug/Kg	U
SEE09031645MHS1	9/3/2010	Di-n-octyl phthalate	850	ug/Kg	U
SEE09011545MHS1	9/1/2010	Di-n-octyl phthalate	850	ug/Kg	U
SEE08311420PML1	8/31/2010	Di-n-octyl phthalate	850	ug/Kg	U
SEE08311420PML1	8/31/2010	Di-n-octyl phthalate	850	ug/Kg	U
SEE10131150JDF1	10/13/2010	Di-n-octyl phthalate	840	ug/Kg	U
SEE09301255JDF1	9/30/2010	Di-n-octyl phthalate	840	ug/Kg	U
SEE10221110JDF1	10/22/2010	Di-n-octyl phthalate	830	ug/Kg	U
SEE10221110JDF1	10/22/2010	Di-n-octyl phthalate	830	ug/Kg	U
SEE09030925PML1	9/3/2010	Di-n-octyl phthalate	830	ug/Kg	U
SEE08281607TWH1	8/28/2010	Di-n-octyl phthalate	830	ug/kg	U
SEE08281630RCM1	8/28/2010	Di-n-octyl phthalate	830	ug/kg	U
SEE10191515JDF1	10/19/2010	Di-n-octyl phthalate	820	ug/Kg	U
SEE10091401PML1	10/9/2010	Di-n-octyl phthalate	820	ug/Kg	UJ
SEE09051550MHS1	9/5/2010	Di-n-octyl phthalate	820	ug/Kg	U
SEE09291023RCM1	9/29/2010	Di-n-octyl phthalate	810	ug/Kg	U
SEE09121436RCM1	9/12/2010	Di-n-octyl phthalate	810	ug/Kg	UJ
SEE09021010PML1	9/2/2010	Di-n-octyl phthalate	810	ug/Kg	U
SEE10041530JDF1	10/4/2010	Di-n-octyl phthalate	800	ug/Kg	U
SEE09101625PML1	9/10/2010	Di-n-octyl phthalate	800	ug/Kg	UJ
SEE09061525MHS1	9/6/2010	Di-n-octyl phthalate	800	ug/Kg	U
SEE09031100PML1	9/3/2010	Di-n-octyl phthalate	800	ug/Kg	U
SEE08301638MHS1	8/30/2010	Di-n-octyl phthalate	800	ug/Kg	U
SEE10191415JDF1	10/19/2010	Di-n-octyl phthalate	790	ug/Kg	U
SEE10181035JDF1	10/18/2010	Di-n-octyl phthalate	790	ug/Kg	U
SEE10091614PML1	10/9/2010	Di-n-octyl phthalate	790	ug/Kg	UJ
SEE10051653PML1	10/5/2010	Di-n-octyl phthalate	790	ug/Kg	U
SEE09231210JDF1	9/23/2010	Di-n-octyl phthalate	790	ug/Kg	U
SEE09141515PML1	9/14/2010	Di-n-octyl phthalate	790	ug/Kg	U
SEE09131026RCM1	9/13/2010	Di-n-octyl phthalate	790	ug/Kg	U
SEE09051130PML1	9/5/2010	Di-n-octyl phthalate	790	ug/Kg	U
SEE08301550PML1	8/30/2010	Di-n-octyl phthalate	790	ug/Kg	U
SEE10191155JDF1	10/19/2010	Di-n-octyl phthalate	780	ug/Kg	U
SEE10171115JDF1	10/17/2010	Di-n-octyl phthalate	780	ug/Kg	U
SEE10141015JDF1	10/14/2010	Di-n-octyl phthalate	780	ug/Kg	U
SEE09220935RCM1	9/22/2010	Di-n-octyl phthalate	780	ug/Kg	U
SEE09191445RCM1	9/19/2010	Di-n-octyl phthalate	780	ug/Kg	U
SEE09161045PML1	9/16/2010	Di-n-octyl phthalate	780	ug/Kg	U
SEE09071050PML1	9/7/2010	Di-n-octyl phthalate	780	ug/Kg	U
SEE10211010JWP1	10/21/2010	Di-n-octyl phthalate	770	ug/Kg	U
SEE10181510JDF1	10/18/2010	Di-n-octyl phthalate	770	ug/Kg	U
SEE10181510JDF1	10/18/2010	Di-n-octyl phthalate	770	ug/Kg	U
SEE10061205PML1	10/6/2010	Di-n-octyl phthalate	770	ug/Kg	U
SEE10031115JDF1	10/3/2010	Di-n-octyl phthalate	770	ug/Kg	U
SEE10031115JDF1	10/3/2010	Di-n-octyl phthalate	770	ug/Kg	U
SEE09171415PML1	9/17/2010	Di-n-octyl phthalate	770	ug/Kg	U
SEE09140945PML1	9/14/2010	Di-n-octyl phthalate	770	ug/Kg	U
SEE09131445RCM1	9/13/2010	Di-n-octyl phthalate	770	ug/Kg	U
SEE09131505PML1	9/13/2010	Di-n-octyl phthalate	770	ug/Kg	U
SEE08301145MHS1	8/30/2010	Di-n-octyl phthalate	770	ug/Kg	U
SEE10141555ARM1	10/14/2010	Di-n-octyl phthalate	760	ug/Kg	U
SEE10101215PML1	10/10/2010	Di-n-octyl phthalate	760	ug/Kg	U
SEE10101215PML1	10/10/2010	Di-n-octyl phthalate	760	ug/Kg	U
SEE09170839RCM1	9/17/2010	Di-n-octyl phthalate	760	ug/Kg	U
SEE09081205PML1	9/8/2010	Di-n-octyl phthalate	760	ug/Kg	U
SEE09031140MHS1	9/3/2010	Di-n-octyl phthalate	760	ug/Kg	U

**TABLE B-2b**  
**Upstream Sediment Samples (Morrow Lake)**

Sample ID	Sample Date	Analyte	Result	Unit	Data Qualifier
SEE10061051RCM1	10/6/2010	Di-n-octyl phthalate	750	ug/Kg	U
SEE10041138RCM1	10/4/2010	Di-n-octyl phthalate	750	ug/Kg	U
SEE09251135JDF1	9/25/2010	Di-n-octyl phthalate	750	ug/Kg	U
SEE09200945PML1	9/20/2010	Di-n-octyl phthalate	750	ug/Kg	U
SEE09200945PML1	9/20/2010	Di-n-octyl phthalate	750	ug/Kg	U
SEE09191040PML1	9/19/2010	Di-n-octyl phthalate	750	ug/Kg	U
SEE09181705PML1	9/18/2010	Di-n-octyl phthalate	750	ug/Kg	U
SEE09091005RCM1	9/9/2010	Di-n-octyl phthalate	750	ug/Kg	U
SEE09061105PML1	9/6/2010	Di-n-octyl phthalate	750	ug/Kg	U
SEE09031650PML1	9/3/2010	Di-n-octyl phthalate	750	ug/Kg	U
SEE09031650PML1	9/3/2010	Di-n-octyl phthalate	750	ug/Kg	U
SEE10191100JDF1	10/19/2010	Di-n-octyl phthalate	740	ug/Kg	U
SEE10141150JDF1	10/14/2010	Di-n-octyl phthalate	740	ug/Kg	U
SEE10101010PML1	10/10/2010	Di-n-octyl phthalate	740	ug/Kg	U
SEE10081051RCM1	10/8/2010	Di-n-octyl phthalate	740	ug/Kg	U
SEE09261625JDF1	9/26/2010	Di-n-octyl phthalate	740	ug/Kg	U
SEE09261625JDF1	9/26/2010	Di-n-octyl phthalate	740	ug/Kg	U
SEE09191530PML1	9/19/2010	Di-n-octyl phthalate	740	ug/Kg	U
SEE09151145PML1	9/15/2010	Di-n-octyl phthalate	740	ug/Kg	U
SEE09151145PML1	9/15/2010	Di-n-octyl phthalate	740	ug/Kg	U
SEE09121055PML1	9/12/2010	Di-n-octyl phthalate	740	ug/Kg	UJ
SEE09121055PML1	9/12/2010	Di-n-octyl phthalate	740	ug/Kg	UJ
SEE09091515PML1	9/9/2010	Di-n-octyl phthalate	740	ug/Kg	U
SEE09081010PML1	9/8/2010	Di-n-octyl phthalate	740	ug/Kg	U
SEE08311045PML1	8/31/2010	Di-n-octyl phthalate	740	ug/Kg	U
SEE10161530JDF1	10/16/2010	Di-n-octyl phthalate	730	ug/Kg	U
SEE10141550JDF1	10/14/2010	Di-n-octyl phthalate	730	ug/Kg	U
SEE10141550JDF1	10/14/2010	Di-n-octyl phthalate	730	ug/Kg	U
SEE10121155JDF1	10/12/2010	Di-n-octyl phthalate	730	ug/Kg	U
SEE10011120JDF1	10/1/2010	Di-n-octyl phthalate	730	ug/Kg	U
SEE09260930RCM1	9/26/2010	Di-n-octyl phthalate	730	ug/Kg	U
SEE09230955RCM1	9/23/2010	Di-n-octyl phthalate	730	ug/Kg	U
SEE09151015PML1	9/15/2010	Di-n-octyl phthalate	730	ug/Kg	U
SEE09111015PML1	9/11/2010	Di-n-octyl phthalate	730	ug/Kg	U
SEE08281505PML1	8/28/2010	Di-n-octyl phthalate	730	ug/kg	U
SEE10181210JDF1	10/18/2010	Di-n-octyl phthalate	720	ug/Kg	U
SEE10150945JDF1	10/15/2010	Di-n-octyl phthalate	720	ug/Kg	U
SEE10120930JDF1	10/12/2010	Di-n-octyl phthalate	720	ug/Kg	U
SEE10081231PML1	10/8/2010	Di-n-octyl phthalate	720	ug/Kg	U
SEE10071042RCM1	10/7/2010	Di-n-octyl phthalate	720	ug/Kg	U
SEE10071101PML1	10/7/2010	Di-n-octyl phthalate	720	ug/Kg	U
SEE09261215JDF1	9/26/2010	Di-n-octyl phthalate	720	ug/Kg	U
SEE09011050PML1	9/1/2010	Di-n-octyl phthalate	720	ug/Kg	U
SEE08271215PML1	8/27/2010	Di-n-octyl phthalate	720	ug/kg	U
SEE10221055DWS1	10/22/2010	Di-n-octyl phthalate	710	ug/Kg	U
SEE09221440JDF1	9/22/2010	Di-n-octyl phthalate	710	ug/Kg	U
SEE09040950PML1	9/4/2010	Di-n-octyl phthalate	710	ug/Kg	U
SEE10181430JWP1	10/18/2010	Di-n-octyl phthalate	700	ug/Kg	U
SEE10161115ARM1	10/16/2010	Di-n-octyl phthalate	700	ug/Kg	U
SEE10061640PML1	10/6/2010	Di-n-octyl phthalate	700	ug/Kg	U
SEE10061640PML1	10/6/2010	Di-n-octyl phthalate	700	ug/Kg	U
SEE09301205RCM1	9/30/2010	Di-n-octyl phthalate	700	ug/Kg	U
SEE09211155JDF1	9/21/2010	Di-n-octyl phthalate	700	ug/Kg	U
SEE09201115RCM1	9/20/2010	Di-n-octyl phthalate	700	ug/Kg	U
SEE09171445RCM1	9/17/2010	Di-n-octyl phthalate	700	ug/Kg	U
SEE09161035RCM1	9/16/2010	Di-n-octyl phthalate	700	ug/Kg	U
SEE10191010JWP1	10/19/2010	Di-n-octyl phthalate	690	ug/Kg	U
SEE10041150JDF1	10/4/2010	Di-n-octyl phthalate	690	ug/Kg	U
SEE09121450PML1	9/12/2010	Di-n-octyl phthalate	690	ug/Kg	UJ
SEE08301520JRP1	8/30/2010	Di-n-octyl phthalate	690	ug/Kg	U

**TABLE B-2b**  
**Upstream Sediment Samples (Morrow Lake)**

Sample ID	Sample Date	Analyte	Result	Unit	Data Qualifier
SEE08271614TWH1	8/27/2010	Di-n-octyl phthalate	690	ug/kg	U
SEE10111125JDF1	10/11/2010	Di-n-octyl phthalate	680	ug/Kg	U
SEE09271130JDF1	9/27/2010	Di-n-octyl phthalate	680	ug/Kg	U
SEE09131620PML1	9/13/2010	Di-n-octyl phthalate	680	ug/Kg	U
SEE09061130MHS1	9/6/2010	Di-n-octyl phthalate	680	ug/Kg	U
SEE08261445JRP1	8/26/2010	Di-n-octyl phthalate	680	ug/Kg	U
SEE10031425JDF1	10/3/2010	Di-n-octyl phthalate	670	ug/Kg	U
SEE09291035JDF1	9/29/2010	Di-n-octyl phthalate	670	ug/Kg	U
SEE09250905RCM1	9/25/2010	Di-n-octyl phthalate	670	ug/Kg	U
SEE09211530JDF1	9/21/2010	Di-n-octyl phthalate	670	ug/Kg	U
SEE09131125PML1	9/13/2010	Di-n-octyl phthalate	670	ug/Kg	U
SEE09091605PML1	9/9/2010	Di-n-octyl phthalate	670	ug/Kg	U
SEE09041350PML1	9/4/2010	Di-n-octyl phthalate	670	ug/Kg	U
SEE09011255PML1	9/1/2010	Di-n-octyl phthalate	670	ug/Kg	U
SEE09170945PML1	9/17/2010	Di-n-octyl phthalate	660	ug/Kg	U
SEE09091145PML1	9/9/2010	Di-n-octyl phthalate	660	ug/Kg	U
SEE08301445JRP1	8/30/2010	Di-n-octyl phthalate	660	ug/Kg	U
SEE08271500PML1	8/27/2010	Di-n-octyl phthalate	660	ug/kg	U
SEE09091410PML1	9/9/2010	Di-n-octyl phthalate	650	ug/Kg	U
SEE09171125PML1	9/17/2010	Di-n-octyl phthalate	640	ug/Kg	U
SEE09051015PML1	9/5/2010	Di-n-octyl phthalate	640	ug/Kg	U
SEE10161415JDF1	10/16/2010	Di-n-octyl phthalate	630	ug/Kg	U
SEE10111011JDF1	10/11/2010	Di-n-octyl phthalate	630	ug/Kg	U
SEE09130940PML1	9/13/2010	Di-n-octyl phthalate	630	ug/Kg	U
SEE08301015JRP1	8/30/2010	Di-n-octyl phthalate	630	ug/Kg	U
SEE10121415ARM1	10/12/2010	Di-n-octyl phthalate	620	ug/Kg	U
SEE10071540PML1	10/7/2010	Di-n-octyl phthalate	620	ug/Kg	U
SEE09031115JAW1	9/3/2010	Di-n-octyl phthalate	620	ug/Kg	U
SEE08301530JAW1	8/30/2010	Di-n-octyl phthalate	620	ug/Kg	U
SEE10161055JDF1	10/16/2010	Di-n-octyl phthalate	610	ug/Kg	U
SEE10071205PML1	10/7/2010	Di-n-octyl phthalate	610	ug/Kg	U
SEE09271515JDF1	9/27/2010	Di-n-octyl phthalate	610	ug/Kg	U
SEE09211112RCM1	9/21/2010	Di-n-octyl phthalate	610	ug/Kg	U
SEE09171530PML1	9/17/2010	Di-n-octyl phthalate	610	ug/Kg	U
SEE09091010PML1	9/9/2010	Di-n-octyl phthalate	610	ug/Kg	U
SEE09091025JRP1	9/9/2010	Di-n-octyl phthalate	610	ug/Kg	U
SEE10111350JDF1	10/11/2010	Di-n-octyl phthalate	600	ug/Kg	U
SEE09290925JDF1	9/29/2010	Di-n-octyl phthalate	600	ug/Kg	U
SEE09221105JDF1	9/22/2010	Di-n-octyl phthalate	600	ug/Kg	U
SEE09221615JDF1	9/22/2010	Di-n-octyl phthalate	600	ug/Kg	U
SEE10151055ARM1	10/15/2010	Di-n-octyl phthalate	590	ug/Kg	U
SEE09301255MAE1	9/30/2010	Di-n-octyl phthalate	590	ug/Kg	U
SEE09011145PML1	9/1/2010	Di-n-octyl phthalate	590	ug/Kg	U
SEE08291110PML1	8/29/2010	Di-n-octyl phthalate	590	ug/kg	U
SEE10041050JDF1	10/4/2010	Di-n-octyl phthalate	580	ug/Kg	U
SEE09231130ARM1	9/23/2010	Di-n-octyl phthalate	580	ug/Kg	U
SEE10121030JDF1	10/12/2010	Di-n-octyl phthalate	570	ug/Kg	U
SEE10041335JDF1	10/4/2010	Di-n-octyl phthalate	570	ug/Kg	U
SEE09271025ARM1	9/27/2010	Di-n-octyl phthalate	570	ug/Kg	U
SEE08281215PML1	8/28/2010	Di-n-octyl phthalate	570	ug/kg	U
SEE08281420TWH1	8/28/2010	Di-n-octyl phthalate	570	ug/kg	U
SEE10040945JDF1	10/4/2010	Di-n-octyl phthalate	560	ug/Kg	U
SEE09130955JRP1	9/13/2010	Di-n-octyl phthalate	560	ug/Kg	U
SEE09291645JDF1	9/29/2010	Di-n-octyl phthalate	550	ug/Kg	U
SEE08281510TWH1	8/28/2010	Di-n-octyl phthalate	540	ug/kg	U
SEE09141312RCM1	9/14/2010	Di-n-octyl phthalate	530	ug/Kg	U
SEE08291421KAP1	8/29/2010	Di-n-octyl phthalate	510	ug/kg	U
SEE08271652TWH1	8/27/2010	Di-n-octyl phthalate	500	ug/kg	U
SEE10151355ARM1	10/15/2010	Di-n-octyl phthalate	480	ug/Kg	U
SEE10041355ARM1	10/4/2010	Di-n-octyl phthalate	480	ug/Kg	U

**TABLE B-2b**  
**Upstream Sediment Samples (Morrow Lake)**

Sample ID	Sample Date	Analyte	Result	Unit	Data Qualifier
SEE09090900JRP1	9/9/2010	Di-n-octyl phthalate	470	ug/Kg	U
SEE08311010JRP1	8/31/2010	Di-n-octyl phthalate	470	ug/Kg	U
SEE08311348MHS1	8/31/2010	Di-n-octyl phthalate	470	ug/Kg	U
SEE10170915JDF1	10/17/2010	Di-n-octyl phthalate	460	ug/Kg	U
SEE10071415ARM1	10/7/2010	Di-n-octyl phthalate	460	ug/Kg	U
SEE09291135JDF1	9/29/2010	Di-n-octyl phthalate	460	ug/Kg	U
SEE10071151RCM1	10/7/2010	Di-n-octyl phthalate	430	ug/Kg	U
SEE08300920JRP1	8/30/2010	Di-n-octyl phthalate	410	ug/Kg	U
SEE08291550KAP1	8/29/2010	Di-n-octyl phthalate	410	ug/kg	U
SEE10221450DWS1	10/22/2010	Di-n-octyl phthalate	390	ug/Kg	U
SEE09051500MHS1	9/5/2010	Di-n-octyl phthalate	380	ug/Kg	U
SEE10141025ARM1	10/14/2010	Di-n-octyl phthalate	370	ug/Kg	U
SEE10211345JWP1	10/21/2010	Di-n-octyl phthalate	330	ug/Kg	U
SEE10091200ARM1	10/9/2010	Di-n-octyl phthalate	330	ug/Kg	UJ
SEE09130915JRP1	9/13/2010	Di-n-octyl phthalate	330	ug/Kg	U
SEE08291354KAP1	8/29/2010	Di-n-octyl phthalate	330	ug/kg	U
SEE09061610JAW1	9/6/2010	Di-n-octyl phthalate	290	ug/Kg	U
SEE10051415ARM1	10/5/2010	Di-n-octyl phthalate	280	ug/Kg	U
SEE10171535ARM1	10/17/2010	Di-n-octyl phthalate	270	ug/Kg	U
SEE08291445PML1	8/29/2010	Di-n-octyl phthalate	270	ug/kg	U
SEE08261700JRP1	8/26/2010	Di-n-octyl phthalate	270	ug/Kg	U
SEE09100945RCM1	9/10/2010	Di-n-octyl phthalate	260	ug/Kg	UJ
SEE08301410JRP1	8/30/2010	Di-n-octyl phthalate	260	ug/Kg	U
SEE10011125ARM1	10/1/2010	Di-n-octyl phthalate	250	ug/Kg	U
SEE09211120ARM1	9/21/2010	Di-n-octyl phthalate	250	ug/Kg	U
SEE09201110ARM1	9/20/2010	Di-n-octyl phthalate	250	ug/Kg	U
SEF10221050MAE3	10/22/2010	Di-n-octyl phthalate	240	ug/Kg	U
SEF10191135NAC3	10/19/2010	Di-n-octyl phthalate	240	ug/Kg	U
SEE10081035ARM1	10/8/2010	Di-n-octyl phthalate	240	ug/Kg	U
SEE09171200ARM1	9/17/2010	Di-n-octyl phthalate	240	ug/Kg	U
SEF10011045TDF1	10/1/2010	Di-n-octyl phthalate	230	ug/Kg	U
SEE09290915MAE1	9/29/2010	Di-n-octyl phthalate	230	ug/Kg	U
SEE09271500ARM1	9/27/2010	Di-n-octyl phthalate	230	ug/Kg	U
SEE09231205RCM1	9/23/2010	Di-n-octyl phthalate	230	ug/Kg	U
SEE09200911RCM1	9/20/2010	Di-n-octyl phthalate	230	ug/Kg	U
SEE09140945JRP1	9/14/2010	Di-n-octyl phthalate	230	ug/Kg	U
SEE08271445JRP1	8/27/2010	Di-n-octyl phthalate	230	ug/kg	U
SEF10081108TDF3	10/8/2010	Di-n-octyl phthalate	220	ug/Kg	U
SEE10071045ARM1	10/7/2010	Di-n-octyl phthalate	220	ug/Kg	U
SEE10041045ARM1	10/4/2010	Di-n-octyl phthalate	220	ug/Kg	U
SEE10011043RCM1	10/1/2010	Di-n-octyl phthalate	220	ug/Kg	U
SEE09281445RCM1	9/28/2010	Di-n-octyl phthalate	220	ug/Kg	U
SEE09251235ARM1	9/25/2010	Di-n-octyl phthalate	220	ug/Kg	U
SEE09231035ARM1	9/23/2010	Di-n-octyl phthalate	220	ug/Kg	U
SEE09170935RCM1	9/17/2010	Di-n-octyl phthalate	220	ug/Kg	U
SEE09150915JRP1	9/15/2010	Di-n-octyl phthalate	220	ug/Kg	U
SEE09070930JRP1	9/7/2010	Di-n-octyl phthalate	220	ug/Kg	U
SEB09011143JLS1	9/1/2010	Di-n-octyl phthalate	220	ug/Kg	U
SEE08301100JRP1	8/30/2010	Di-n-octyl phthalate	220	ug/Kg	U
SEE08271536TWH1	8/27/2010	Di-n-octyl phthalate	220	ug/kg	U
SEE10191115JWP1	10/19/2010	Di-n-octyl phthalate	210	ug/Kg	U
SEF10151030PMB3	10/15/2010	Di-n-octyl phthalate	210	ug/Kg	U
SEF10121130PMB3	10/12/2010	Di-n-octyl phthalate	210	ug/Kg	U
SEE10061135ARM1	10/6/2010	Di-n-octyl phthalate	210	ug/Kg	U
SEF10051206TDF3	10/5/2010	Di-n-octyl phthalate	210	ug/Kg	U
SEE09100920JRP1	9/10/2010	Di-n-octyl phthalate	210	ug/Kg	UJ
SEE09051500JAW1	9/5/2010	Di-n-octyl phthalate	210	ug/Kg	U
SEB08281400JLS1	8/28/2010	Di-n-octyl phthalate	210	ug/kg	U
SEE08281540JRP1	8/28/2010	Di-n-octyl phthalate	210	ug/kg	U
SEE10131035ARM1	10/13/2010	Di-n-octyl phthalate	200	ug/Kg	U

**TABLE B-2b**  
**Upstream Sediment Samples (Morrow Lake)**

Sample ID	Sample Date	Analyte	Result	Unit	Data Qualifier
SEE10121040ARM1	10/12/2010	Di-n-octyl phthalate	200	ug/Kg	U
SEE10051145RCM1	10/5/2010	Di-n-octyl phthalate	200	ug/Kg	U
SEE09301025MAE1	9/30/2010	Di-n-octyl phthalate	200	ug/Kg	U
SEF09281139TDF1	9/28/2010	Di-n-octyl phthalate	200	ug/Kg	U
SEE09221045ARM1	9/22/2010	Di-n-octyl phthalate	200	ug/Kg	U
SEE09080930JRP1	9/8/2010	Di-n-octyl phthalate	200	ug/Kg	U
SEE09011515JAW1	9/1/2010	Di-n-octyl phthalate	200	ug/Kg	U
SEE10181030JWP1	10/18/2010	Di-n-octyl phthalate	190	ug/Kg	U
ML-07-S-081810	8/18/2010	Di-n-octyl phthalate	0.37	mg/Kg	UJ
ML-06-S-082310	8/23/2010	Di-n-octyl phthalate	0.33	mg/Kg	U
ML-04-S-081710	8/17/2010	Di-n-octyl phthalate	0.32	mg/Kg	U
ML-04-S-082610	8/26/2010	Di-n-octyl phthalate	0.31	mg/Kg	U
ML-03-S-082310	8/23/2010	Di-n-octyl phthalate	0.31	mg/Kg	U
ML-10-S-081910	8/19/2010	Di-n-octyl phthalate	0.31	mg/Kg	U
ML-10-S-081910	8/19/2010	Di-n-octyl phthalate	0.31	mg/Kg	U
ML-09-S-081810	8/18/2010	Di-n-octyl phthalate	0.31	mg/Kg	UJ
ML-06-S-081710	8/17/2010	Di-n-octyl phthalate	0.31	mg/Kg	U
ML-10-S-082610	8/26/2010	Di-n-octyl phthalate	0.30	mg/Kg	U
ML-10-S-082610	8/26/2010	Di-n-octyl phthalate	0.30	mg/Kg	U
ML-05-S-082310	8/23/2010	Di-n-octyl phthalate	0.28	mg/Kg	U
ML-01-S-081910	8/19/2010	Di-n-octyl phthalate	0.27	mg/Kg	U
ML-05-S-081710	8/17/2010	Di-n-octyl phthalate	0.26	mg/Kg	U
ML-02-S-082310	8/23/2010	Di-n-octyl phthalate	0.25	mg/Kg	U
ML-02-S-081710	8/17/2010	Di-n-octyl phthalate	0.24	mg/Kg	U
ML-02-S-082510	8/25/2010	Di-n-octyl phthalate	0.22	mg/Kg	U
ML-06-S-082510	8/25/2010	Di-n-octyl phthalate	0.18	mg/Kg	U
ML-07-S-082410	8/24/2010	Di-n-octyl phthalate	0.18	mg/Kg	UJ
ML-07-S-082110	8/21/2010	Di-n-octyl phthalate	0.18	mg/Kg	U
ML-05-S-082610	8/26/2010	Di-n-octyl phthalate	0.17	mg/Kg	U
ML-07-S-082510	8/25/2010	Di-n-octyl phthalate	0.17	mg/Kg	U
ML-08-S-082110	8/21/2010	Di-n-octyl phthalate	0.17	mg/Kg	U
ML-07-S-081610	8/16/2010	Di-n-octyl phthalate	0.17	mg/Kg	U
ML-08-S-081610	8/16/2010	Di-n-octyl phthalate	0.17	mg/Kg	U
ML-08-S-082510	8/25/2010	Di-n-octyl phthalate	0.16	mg/Kg	U
ML-08-S-082410	8/24/2010	Di-n-octyl phthalate	0.16	mg/Kg	UJ
ML-06-S-082010	8/20/2010	Di-n-octyl phthalate	0.16	mg/Kg	U
ML-01-S-081610	8/16/2010	Di-n-octyl phthalate	0.16	mg/Kg	U
ML-01-S-082510	8/25/2010	Di-n-octyl phthalate	0.15	mg/Kg	U
ML-09-S-082510	8/25/2010	Di-n-octyl phthalate	0.15	mg/Kg	U
ML-04-S-082410	8/24/2010	Di-n-octyl phthalate	0.15	mg/Kg	UJ
ML-10-S-082410	8/24/2010	Di-n-octyl phthalate	0.15	mg/Kg	UJ
ML-10-S-082410	8/24/2010	Di-n-octyl phthalate	0.15	mg/Kg	UJ
ML-09-S-082110	8/21/2010	Di-n-octyl phthalate	0.15	mg/Kg	U
ML-10-S-082110	8/21/2010	Di-n-octyl phthalate	0.15	mg/Kg	U
ML-10-S-082110	8/21/2010	Di-n-octyl phthalate	0.15	mg/Kg	U
ML-05-S-082010	8/20/2010	Di-n-octyl phthalate	0.15	mg/Kg	U
ML-10-S-081610	8/16/2010	Di-n-octyl phthalate	0.15	mg/Kg	U
ML-10-S-081610	8/16/2010	Di-n-octyl phthalate	0.15	mg/Kg	U
ML-09-S-082410	8/24/2010	Di-n-octyl phthalate	0.14	mg/Kg	UJ
ML-01-S-082110	8/21/2010	Di-n-octyl phthalate	0.14	mg/Kg	U
ML-03-S-082510	8/25/2010	Di-n-octyl phthalate	0.13	mg/Kg	U
ML-02-S-082010	8/20/2010	Di-n-octyl phthalate	0.13	mg/Kg	U
ML-03-S-082010	8/20/2010	Di-n-octyl phthalate	0.13	mg/Kg	U
ML-04-S-082010	8/20/2010	Di-n-octyl phthalate	0.13	mg/Kg	U
ML-03-S-081610	8/16/2010	Di-n-octyl phthalate	0.12	mg/Kg	U
SEE08281607TWH1	8/28/2010	Ethyl ether	44	ug/kg	U
SEE08281505PML1	8/28/2010	Ethyl ether	37	ug/kg	U
SEE08271215PML1	8/27/2010	Ethyl ether	35	ug/kg	U
SEE08281630RCM1	8/28/2010	Ethyl ether	33	ug/kg	U
SEE08261420RCM1	8/26/2010	Ethyl ether	28	ug/kg	U

**TABLE B-2b**  
**Upstream Sediment Samples (Morrow Lake)**

Sample ID	Sample Date	Analyte	Result	Unit	Data Qualifier
SEE08291110PML1	8/29/2010	Ethyl ether	27	ug/kg	U
SEE08271500PML1	8/27/2010	Ethyl ether	23	ug/kg	U
SEE08281215PML1	8/28/2010	Ethyl ether	22	ug/kg	U
SEE08281420TWH1	8/28/2010	Ethyl ether	21	ug/kg	U
SEE08291421KAP1	8/29/2010	Ethyl ether	20	ug/kg	U
SEE08271145RCM1	8/27/2010	Ethyl ether	20	ug/kg	U
SEE08281510TWH1	8/28/2010	Ethyl ether	17	ug/kg	U
SEE08291550KAP1	8/29/2010	Ethyl ether	15	ug/kg	U
SEE08261620RCM1	8/26/2010	Ethyl ether	14	ug/kg	U
SEE08291445PML1	8/29/2010	Ethyl ether	10	ug/kg	U
SEE08291354KAP1	8/29/2010	Ethyl ether	9.3	ug/kg	U
SEE08271614TWH1	8/27/2010	Ethyl ether	7.8	ug/kg	U
SEE08271652TWH1	8/27/2010	Ethyl ether	7.6	ug/kg	U
SEE08271536TWH1	8/27/2010	Ethyl ether	6.3	ug/kg	U
SEE08281540JRP1	8/28/2010	Ethyl ether	5.4	ug/kg	U
SEB08281400JLS1	8/28/2010	Ethyl ether	5.1	ug/kg	U
SEE08271445JRP1	8/27/2010	Ethyl ether	2.8	ug/kg	U
SEE10211035JDF1	10/21/2010	Ethylbenzene	1200	ug/Kg	U
SEE10221110JDF1	10/22/2010	Ethylbenzene	1100	ug/Kg	U
SEE10221110JDF1	10/22/2010	Ethylbenzene	1100	ug/Kg	U
SEE10211430JDF1	10/21/2010	Ethylbenzene	1100	ug/Kg	U
SEE10191005JDF1	10/19/2010	Ethylbenzene	1100	ug/Kg	U
SEE10191515JDF1	10/19/2010	Ethylbenzene	1100	ug/Kg	U
SEE10191415JDF1	10/19/2010	Ethylbenzene	1000	ug/Kg	U
SEE10191155JDF1	10/19/2010	Ethylbenzene	970	ug/Kg	U
SEE10191100JDF1	10/19/2010	Ethylbenzene	950	ug/Kg	U
SEE10211010JWP1	10/21/2010	Ethylbenzene	940	ug/Kg	U
SEE10221055DWS1	10/22/2010	Ethylbenzene	910	ug/Kg	U
SEE10191010JWP1	10/19/2010	Ethylbenzene	900	ug/Kg	U
SEE10221450DWS1	10/22/2010	Ethylbenzene	490	ug/Kg	U
SEE10211345JWP1	10/21/2010	Ethylbenzene	440	ug/Kg	U
SEF10221050MAE3	10/22/2010	Ethylbenzene	310	ug/Kg	U
SEF10191135NAC3	10/19/2010	Ethylbenzene	300	ug/Kg	U
SEE10191115JWP1	10/19/2010	Ethylbenzene	270	ug/Kg	U
SEE09200945PML1	9/20/2010	Ethylbenzene	60	ug/Kg	U
SEE09200945PML1	9/20/2010	Ethylbenzene	60	ug/Kg	U
SEE09201115RCM1	9/20/2010	Ethylbenzene	58	ug/Kg	U
SEE09201645ARM1	9/20/2010	Ethylbenzene	48	ug/Kg	U
SEE10071042RCM1	10/7/2010	Ethylbenzene	45	ug/Kg	UJ
SEE09061500PML1	9/6/2010	Ethylbenzene	45	ug/Kg	U
SEE08281607TWH1	8/28/2010	Ethylbenzene	44	ug/kg	U
SEE09301105JDF1	9/30/2010	Ethylbenzene	42	ug/Kg	U
SEE09181705PML1	9/18/2010	Ethylbenzene	42	ug/Kg	U
SEE09021400PML1	9/2/2010	Ethylbenzene	41	ug/Kg	U
SEE08301130PML1	8/30/2010	Ethylbenzene	41	ug/Kg	U
SEE10091401PML1	10/9/2010	Ethylbenzene	40	ug/Kg	U
SEE10181035JDF1	10/18/2010	Ethylbenzene	39	ug/Kg	U
SEE10051125PML1	10/5/2010	Ethylbenzene	39	ug/Kg	UJ
SEE08311045PML1	8/31/2010	Ethylbenzene	39	ug/Kg	U
SEE10141555ARM1	10/14/2010	Ethylbenzene	38	ug/Kg	U
SEE09101215PML1	9/10/2010	Ethylbenzene	38	ug/Kg	U
SEE10161530JDF1	10/16/2010	Ethylbenzene	37	ug/Kg	U
SEE10081115PML1	10/8/2010	Ethylbenzene	37	ug/Kg	UJ
SEE09030925PML1	9/3/2010	Ethylbenzene	37	ug/Kg	UJ
SEE09031115JAW1	9/3/2010	Ethylbenzene	37	ug/Kg	UJ
SEE08281505PML1	8/28/2010	Ethylbenzene	37	ug/kg	U
SEE10171410JDF1	10/17/2010	Ethylbenzene	36	ug/Kg	U
SEE09191530PML1	9/19/2010	Ethylbenzene	36	ug/Kg	U
SEE09181235PML1	9/18/2010	Ethylbenzene	36	ug/Kg	U
SEE09141135PML1	9/14/2010	Ethylbenzene	36	ug/Kg	U



**TABLE B-2b**  
**Upstream Sediment Samples (Morrow Lake)**

Sample ID	Sample Date	Analyte	Result	Unit	Data Qualifier
SEE09101022PML1	9/10/2010	Ethylbenzene	36	ug/Kg	U
SEE10171115JDF1	10/17/2010	Ethylbenzene	35	ug/Kg	U
SEE08311420PML1	8/31/2010	Ethylbenzene	35	ug/Kg	U
SEE08311420PML1	8/31/2010	Ethylbenzene	35	ug/Kg	U
SEE08271215PML1	8/27/2010	Ethylbenzene	35	ug/kg	U
SEE10141015JDF1	10/14/2010	Ethylbenzene	34	ug/Kg	U
SEE10041530JDF1	10/4/2010	Ethylbenzene	34	ug/Kg	UJ
SEE09121105RCM1	9/12/2010	Ethylbenzene	34	ug/Kg	U
SEE09011545PML1	9/1/2010	Ethylbenzene	34	ug/Kg	U
SEE08301550PML1	8/30/2010	Ethylbenzene	34	ug/Kg	U
SEE10181210JDF1	10/18/2010	Ethylbenzene	33	ug/Kg	U
SEE10181430JWP1	10/18/2010	Ethylbenzene	33	ug/Kg	U
SEE10181510JDF1	10/18/2010	Ethylbenzene	33	ug/Kg	U
SEE10181510JDF1	10/18/2010	Ethylbenzene	33	ug/Kg	U
SEE10131150JDF1	10/13/2010	Ethylbenzene	33	ug/Kg	U
SEE10101010PML1	10/10/2010	Ethylbenzene	33	ug/Kg	U
SEE10101215PML1	10/10/2010	Ethylbenzene	33	ug/Kg	U
SEE10101215PML1	10/10/2010	Ethylbenzene	33	ug/Kg	U
SEE09140945PML1	9/14/2010	Ethylbenzene	33	ug/Kg	U
SEE09061525MHS1	9/6/2010	Ethylbenzene	33	ug/Kg	U
SEE09051130PML1	9/5/2010	Ethylbenzene	33	ug/Kg	U
SEE09031100PML1	9/3/2010	Ethylbenzene	33	ug/Kg	UJ
SEE09021010PML1	9/2/2010	Ethylbenzene	33	ug/Kg	U
SEE08281630RCM1	8/28/2010	Ethylbenzene	33	ug/kg	U
SEE10031115JDF1	10/3/2010	Ethylbenzene	32	ug/Kg	U
SEE10031115JDF1	10/3/2010	Ethylbenzene	32	ug/Kg	U
SEE09301205RCM1	9/30/2010	Ethylbenzene	32	ug/Kg	U
SEE09301255JDF1	9/30/2010	Ethylbenzene	32	ug/Kg	U
SEE09231645JDF1	9/23/2010	Ethylbenzene	32	ug/Kg	U
SEE09141515PML1	9/14/2010	Ethylbenzene	32	ug/Kg	U
SEE09101625PML1	9/10/2010	Ethylbenzene	32	ug/Kg	U
SEE09091005RCM1	9/9/2010	Ethylbenzene	32	ug/Kg	U
SEE09061105PML1	9/6/2010	Ethylbenzene	32	ug/Kg	U
SEE09031650PML1	9/3/2010	Ethylbenzene	32	ug/Kg	UJ
SEE09031650PML1	9/3/2010	Ethylbenzene	32	ug/Kg	UJ
SEE10081231PML1	10/8/2010	Ethylbenzene	31	ug/Kg	UJ
SEE09231210JDF1	9/23/2010	Ethylbenzene	31	ug/Kg	U
SEE09161045PML1	9/16/2010	Ethylbenzene	31	ug/Kg	U
SEE09081205PML1	9/8/2010	Ethylbenzene	31	ug/Kg	U
SEE09071050PML1	9/7/2010	Ethylbenzene	31	ug/Kg	U
SEE08301145MHS1	8/30/2010	Ethylbenzene	31	ug/Kg	U
SEE10161115ARM1	10/16/2010	Ethylbenzene	30	ug/Kg	U
SEE10120930JDF1	10/12/2010	Ethylbenzene	30	ug/Kg	U
SEE10071101PML1	10/7/2010	Ethylbenzene	30	ug/Kg	UJ
SEE09261625JDF1	9/26/2010	Ethylbenzene	30	ug/Kg	U
SEE09261625JDF1	9/26/2010	Ethylbenzene	30	ug/Kg	U
SEE09131445RCM1	9/13/2010	Ethylbenzene	30	ug/Kg	U
SEE09121055PML1	9/12/2010	Ethylbenzene	30	ug/Kg	U
SEE09121055PML1	9/12/2010	Ethylbenzene	30	ug/Kg	U
SEE09121436RCM1	9/12/2010	Ethylbenzene	30	ug/Kg	U
SEE09091410RCM1	9/9/2010	Ethylbenzene	30	ug/Kg	U
SEE09011050PML1	9/1/2010	Ethylbenzene	30	ug/Kg	U
SEE10081051RCM1	10/8/2010	Ethylbenzene	29	ug/Kg	UJ
SEE10061640PML1	10/6/2010	Ethylbenzene	29	ug/Kg	U
SEE10061640PML1	10/6/2010	Ethylbenzene	29	ug/Kg	U
SEE10051653PML1	10/5/2010	Ethylbenzene	29	ug/Kg	UJ
SEE09261215JDF1	9/26/2010	Ethylbenzene	29	ug/Kg	U
SEE09231130ARM1	9/23/2010	Ethylbenzene	29	ug/Kg	U
SEE09191040PML1	9/19/2010	Ethylbenzene	29	ug/Kg	U
SEE09131026RCM1	9/13/2010	Ethylbenzene	29	ug/Kg	U

**TABLE B-2b**  
**Upstream Sediment Samples (Morrow Lake)**

Sample ID	Sample Date	Analyte	Result	Unit	Data Qualifier
SEE09131505PML1	9/13/2010	Ethylbenzene	29	ug/Kg	U
SEE09040950PML1	9/4/2010	Ethylbenzene	29	ug/Kg	U
SEE10011120JDF1	10/1/2010	Ethylbenzene	28	ug/Kg	U
SEE09211155JDF1	9/21/2010	Ethylbenzene	28	ug/Kg	U
SEE09171415PML1	9/17/2010	Ethylbenzene	28	ug/Kg	U
SEE09151145PML1	9/15/2010	Ethylbenzene	28	ug/Kg	U
SEE09151145PML1	9/15/2010	Ethylbenzene	28	ug/Kg	U
SEE09131620PML1	9/13/2010	Ethylbenzene	28	ug/Kg	U
SEE09121450PML1	9/12/2010	Ethylbenzene	28	ug/Kg	U
SEE09091515PML1	9/9/2010	Ethylbenzene	28	ug/Kg	U
SEE09081010PML1	9/8/2010	Ethylbenzene	28	ug/Kg	U
SEE09081020RCM1	9/8/2010	Ethylbenzene	28	ug/Kg	U
SEE09011255PML1	9/1/2010	Ethylbenzene	28	ug/Kg	U
SEE08301015JRP1	8/30/2010	Ethylbenzene	28	ug/Kg	U
SEE08261420RCM1	8/26/2010	Ethylbenzene	28	ug/kg	U
SEE10091614PML1	10/9/2010	Ethylbenzene	27	ug/Kg	U
SEE10061205PML1	10/6/2010	Ethylbenzene	27	ug/Kg	U
SEE10041150JDF1	10/4/2010	Ethylbenzene	27	ug/Kg	UJ
SEE09251135JDF1	9/25/2010	Ethylbenzene	27	ug/Kg	U
SEE09221440JDF1	9/22/2010	Ethylbenzene	27	ug/Kg	U
SEE09170839RCM1	9/17/2010	Ethylbenzene	27	ug/Kg	U
SEE09151015PML1	9/15/2010	Ethylbenzene	27	ug/Kg	U
SEE08291110PML1	8/29/2010	Ethylbenzene	27	ug/kg	U
SEE10141150JDF1	10/14/2010	Ethylbenzene	26	ug/Kg	U
SEE10141550JDF1	10/14/2010	Ethylbenzene	26	ug/Kg	U
SEE10141550JDF1	10/14/2010	Ethylbenzene	26	ug/Kg	U
SEE10121155JDF1	10/12/2010	Ethylbenzene	26	ug/Kg	U
SEE09271130JDF1	9/27/2010	Ethylbenzene	26	ug/Kg	U
SEE09131125PML1	9/13/2010	Ethylbenzene	26	ug/Kg	U
SEE09091010PML1	9/9/2010	Ethylbenzene	26	ug/Kg	U
SEE09091145PML1	9/9/2010	Ethylbenzene	26	ug/Kg	U
SEE09091410PML1	9/9/2010	Ethylbenzene	26	ug/Kg	U
SEE09061130MHS1	9/6/2010	Ethylbenzene	26	ug/Kg	U
SEE09011145PML1	9/1/2010	Ethylbenzene	26	ug/Kg	U
SEE08301638MHS1	8/30/2010	Ethylbenzene	26	ug/Kg	U
SEE10151055ARM1	10/15/2010	Ethylbenzene	25	ug/Kg	U
SEE10121415ARM1	10/12/2010	Ethylbenzene	25	ug/Kg	U
SEE10111125JDF1	10/11/2010	Ethylbenzene	25	ug/Kg	U
SEE10031425JDF1	10/3/2010	Ethylbenzene	25	ug/Kg	U
SEE09291035JDF1	9/29/2010	Ethylbenzene	25	ug/Kg	U
SEE09220935RCM1	9/22/2010	Ethylbenzene	25	ug/Kg	U
SEE09111015PML1	9/11/2010	Ethylbenzene	25	ug/Kg	U
SEE09051015PML1	9/5/2010	Ethylbenzene	25	ug/Kg	U
SEE08301445JRP1	8/30/2010	Ethylbenzene	25	ug/Kg	U
SEE10161415JDF1	10/16/2010	Ethylbenzene	24	ug/Kg	U
SEE10040945JDF1	10/4/2010	Ethylbenzene	24	ug/Kg	UJ
SEE09230955RCM1	9/23/2010	Ethylbenzene	24	ug/Kg	U
SEE09211530JDF1	9/21/2010	Ethylbenzene	24	ug/Kg	U
SEE09170945PML1	9/17/2010	Ethylbenzene	24	ug/Kg	U
SEE09171125PML1	9/17/2010	Ethylbenzene	24	ug/Kg	U
SEE09130955JRP1	9/13/2010	Ethylbenzene	24	ug/Kg	U
SEE09091605PML1	9/9/2010	Ethylbenzene	24	ug/Kg	U
SEE09041350PML1	9/4/2010	Ethylbenzene	24	ug/Kg	U
SEE10071205PML1	10/7/2010	Ethylbenzene	23	ug/Kg	UJ
SEE10071540PML1	10/7/2010	Ethylbenzene	23	ug/Kg	UJ
SEE10041335JDF1	10/4/2010	Ethylbenzene	23	ug/Kg	UJ
SEE09271025ARM1	9/27/2010	Ethylbenzene	23	ug/Kg	U
SEE09171530PML1	9/17/2010	Ethylbenzene	23	ug/Kg	U
SEE09051430PML1	9/5/2010	Ethylbenzene	23	ug/Kg	U
SEE08271500PML1	8/27/2010	Ethylbenzene	23	ug/kg	U

**TABLE B-2b**  
**Upstream Sediment Samples (Morrow Lake)**

Sample ID	Sample Date	Analyte	Result	Unit	Data Qualifier
SEE10150945JDF1	10/15/2010	Ethylbenzene	22	ug/Kg	U
SEE10111011JDF1	10/11/2010	Ethylbenzene	22	ug/Kg	U
SEE10111350JDF1	10/11/2010	Ethylbenzene	22	ug/Kg	U
SEE10061051RCM1	10/6/2010	Ethylbenzene	22	ug/Kg	U
SEE10041355ARM1	10/4/2010	Ethylbenzene	22	ug/Kg	UJ
SEE09271515JDF1	9/27/2010	Ethylbenzene	22	ug/Kg	U
SEE09221105JDF1	9/22/2010	Ethylbenzene	22	ug/Kg	U
SEE09130940PML1	9/13/2010	Ethylbenzene	22	ug/Kg	U
SEE08281215PML1	8/28/2010	Ethylbenzene	22	ug/kg	U
SEE10121030JDF1	10/12/2010	Ethylbenzene	21	ug/Kg	U
SEE09290925JDF1	9/29/2010	Ethylbenzene	21	ug/Kg	U
SEE09091025JRP1	9/9/2010	Ethylbenzene	21	ug/Kg	U
SEE09011635PML1	9/1/2010	Ethylbenzene	21	ug/Kg	U
SEE08301520JRP1	8/30/2010	Ethylbenzene	21	ug/Kg	U
SEE08281420TWH1	8/28/2010	Ethylbenzene	21	ug/kg	U
SEE08261445JRP1	8/26/2010	Ethylbenzene	21	ug/Kg	U
SEE10161055JDF1	10/16/2010	Ethylbenzene	20	ug/Kg	U
SEE10151355ARM1	10/15/2010	Ethylbenzene	20	ug/Kg	U
SEE10071415ARM1	10/7/2010	Ethylbenzene	20	ug/Kg	UJ
SEE09031140MHS1	9/3/2010	Ethylbenzene	20	ug/Kg	UJ
SEE08291421KAP1	8/29/2010	Ethylbenzene	20	ug/kg	U
SEE08271145RCM1	8/27/2010	Ethylbenzene	20	ug/kg	U
SEE10041050JDF1	10/4/2010	Ethylbenzene	19	ug/Kg	UJ
SEE09301255MAE1	9/30/2010	Ethylbenzene	19	ug/Kg	U
SEE09291645JDF1	9/29/2010	Ethylbenzene	19	ug/Kg	U
SEE09051550MHS1	9/5/2010	Ethylbenzene	19	ug/Kg	U
SEE09031645MHS1	9/3/2010	Ethylbenzene	19	ug/Kg	UJ
SEE10041138RCM1	10/4/2010	Ethylbenzene	18	ug/Kg	UJ
SEE09221615JDF1	9/22/2010	Ethylbenzene	18	ug/Kg	U
SEE09191445RCM1	9/19/2010	Ethylbenzene	18	ug/Kg	U
SEE08311010JRP1	8/31/2010	Ethylbenzene	18	ug/Kg	U
SEE09250905RCM1	9/25/2010	Ethylbenzene	17	ug/Kg	U
SEE09200911RCM1	9/20/2010	Ethylbenzene	17	ug/Kg	U
SEE09090900JRP1	9/9/2010	Ethylbenzene	17	ug/Kg	U
SEE09011545MHS1	9/1/2010	Ethylbenzene	17	ug/Kg	U
SEE08281510TWH1	8/28/2010	Ethylbenzene	17	ug/kg	U
SEE10170915JDF1	10/17/2010	Ethylbenzene	16	ug/Kg	U
SEE09291135JDF1	9/29/2010	Ethylbenzene	16	ug/Kg	U
SEE09260930RCM1	9/26/2010	Ethylbenzene	16	ug/Kg	U
SEE09201110ARM1	9/20/2010	Ethylbenzene	15	ug/Kg	U
SEE08301530JAW1	8/30/2010	Ethylbenzene	15	ug/Kg	U
SEE08291550KAP1	8/29/2010	Ethylbenzene	15	ug/kg	U
SEE10071151RCM1	10/7/2010	Ethylbenzene	14	ug/Kg	UJ
SEE09211112RCM1	9/21/2010	Ethylbenzene	14	ug/Kg	U
SEE08311348MHS1	8/31/2010	Ethylbenzene	14	ug/Kg	U
SEE08300920JRP1	8/30/2010	Ethylbenzene	14	ug/Kg	U
SEE08261620RCM1	8/26/2010	Ethylbenzene	14	ug/kg	U
SEE10141025ARM1	10/14/2010	Ethylbenzene	12	ug/Kg	U
SEE09130915JRP1	9/13/2010	Ethylbenzene	12	ug/Kg	U
SEE10091200ARM1	10/9/2010	Ethylbenzene	11	ug/Kg	U
SEE09291023RCM1	9/29/2010	Ethylbenzene	11	ug/Kg	U
SEE09171445RCM1	9/17/2010	Ethylbenzene	11	ug/Kg	U
SEE09161035RCM1	9/16/2010	Ethylbenzene	11	ug/Kg	U
SEE09141312RCM1	9/14/2010	Ethylbenzene	10	ug/Kg	U
SEE08291445PML1	8/29/2010	Ethylbenzene	10	ug/kg	U
SEE08291354KAP1	8/29/2010	Ethylbenzene	9.3	ug/kg	U
SEE10051415ARM1	10/5/2010	Ethylbenzene	8.7	ug/Kg	UJ
SEE09061610JAW1	9/6/2010	Ethylbenzene	8.5	ug/Kg	U
SEE10011125ARM1	10/1/2010	Ethylbenzene	8.2	ug/Kg	U
SEE08261700JRP1	8/26/2010	Ethylbenzene	8.2	ug/Kg	U

**TABLE B-2b**  
**Upstream Sediment Samples (Morrow Lake)**

Sample ID	Sample Date	Analyte	Result	Unit	Data Qualifier
SEE09051500MHS1	9/5/2010	Ethylbenzene	8.0	ug/Kg	U
SEE10171535ARM1	10/17/2010	Ethylbenzene	7.9	ug/Kg	U
SEE09231035ARM1	9/23/2010	Ethylbenzene	7.9	ug/Kg	U
SEE09171200ARM1	9/17/2010	Ethylbenzene	7.9	ug/Kg	U
SEE08271614TWH1	8/27/2010	Ethylbenzene	7.8	ug/kg	U
SEE10081035ARM1	10/8/2010	Ethylbenzene	7.6	ug/Kg	UJ
SEE08271652TWH1	8/27/2010	Ethylbenzene	7.6	ug/kg	U
SEE09100945RCM1	9/10/2010	Ethylbenzene	7.5	ug/Kg	U
SEE09211120ARM1	9/21/2010	Ethylbenzene	7.4	ug/Kg	U
SEB09011143JLS1	9/1/2010	Ethylbenzene	7.1	ug/Kg	U
SEE08301410JRP1	8/30/2010	Ethylbenzene	7.0	ug/Kg	U
SEE09281445RCM1	9/28/2010	Ethylbenzene	6.5	ug/Kg	U
SEE08271536TWH1	8/27/2010	Ethylbenzene	6.3	ug/kg	U
SEE09271500ARM1	9/27/2010	Ethylbenzene	6.2	ug/Kg	U
SEE09170935RCM1	9/17/2010	Ethylbenzene	6.1	ug/Kg	U
SEF10011045TDF1	10/1/2010	Ethylbenzene	6.0	ug/Kg	U
SEE09150915JRP1	9/15/2010	Ethylbenzene	6.0	ug/Kg	U
SEE10011043RCM1	10/1/2010	Ethylbenzene	5.8	ug/Kg	U
SEE09290915MAE1	9/29/2010	Ethylbenzene	5.8	ug/Kg	U
SEE10131035ARM1	10/13/2010	Ethylbenzene	5.5	ug/Kg	U
SEE10071045ARM1	10/7/2010	Ethylbenzene	5.5	ug/Kg	UJ
SEE10041045ARM1	10/4/2010	Ethylbenzene	5.5	ug/Kg	UJ
SEF10151030PMB3	10/15/2010	Ethylbenzene	5.4	ug/Kg	U
SEF10081108TDF3	10/8/2010	Ethylbenzene	5.4	ug/Kg	UJ
SEE09251235ARM1	9/25/2010	Ethylbenzene	5.4	ug/Kg	U
SEE08281540JRP1	8/28/2010	Ethylbenzene	5.4	ug/kg	U
SEF10051206TDF3	10/5/2010	Ethylbenzene	5.3	ug/Kg	UJ
SEE09140945JRP1	9/14/2010	Ethylbenzene	5.3	ug/Kg	U
SEE09080930JRP1	9/8/2010	Ethylbenzene	5.3	ug/Kg	U
SEE09011515JAW1	9/1/2010	Ethylbenzene	5.3	ug/Kg	U
SEE08301100JRP1	8/30/2010	Ethylbenzene	5.3	ug/Kg	U
SEE10121040ARM1	10/12/2010	Ethylbenzene	5.2	ug/Kg	U
SEF10121130PMB3	10/12/2010	Ethylbenzene	5.2	ug/Kg	U
SEE09221045ARM1	9/22/2010	Ethylbenzene	5.2	ug/Kg	U
SEE09100920JRP1	9/10/2010	Ethylbenzene	5.1	ug/Kg	U
SEB08281400JLS1	8/28/2010	Ethylbenzene	5.1	ug/kg	U
SEE09301025MAE1	9/30/2010	Ethylbenzene	5.0	ug/Kg	U
SEE09051500JAW1	9/5/2010	Ethylbenzene	5.0	ug/Kg	U
SEE10051145RCM1	10/5/2010	Ethylbenzene	4.9	ug/Kg	UJ
SEE09070930JRP1	9/7/2010	Ethylbenzene	4.9	ug/Kg	U
SEE10181030JWP1	10/18/2010	Ethylbenzene	4.6	ug/Kg	U
SEF09281139TDF1	9/28/2010	Ethylbenzene	4.3	ug/Kg	U
SEE09231205RCM1	9/23/2010	Ethylbenzene	3.3	ug/Kg	U
SEE08271445JRP1	8/27/2010	Ethylbenzene	2.8	ug/kg	U
SEE10061135ARM1	10/6/2010	Ethylbenzene	0.91	ug/Kg	J
ML-07-S-082510	8/25/2010	Ethylbenzene	0.73	mg/Kg	U
ML-03-S-082510	8/25/2010	Ethylbenzene	0.43	mg/Kg	U
ML-06-S-082510	8/25/2010	Ethylbenzene	0.42	mg/Kg	U
ML-07-S-082410	8/24/2010	Ethylbenzene	0.41	mg/Kg	UJ
ML-06-S-082010	8/20/2010	Ethylbenzene	0.38	mg/Kg	U
ML-08-S-082510	8/25/2010	Ethylbenzene	0.37	mg/Kg	U
ML-08-S-082410	8/24/2010	Ethylbenzene	0.37	mg/Kg	UJ
ML-06-S-082310	8/23/2010	Ethylbenzene	0.37	mg/Kg	U
ML-07-S-082110	8/21/2010	Ethylbenzene	0.37	mg/Kg	U
ML-08-S-082110	8/21/2010	Ethylbenzene	0.37	mg/Kg	U
ML-10-S-082110	8/21/2010	Ethylbenzene	0.37	mg/Kg	U
ML-10-S-082110	8/21/2010	Ethylbenzene	0.37	mg/Kg	U
ML-10-S-081910	8/19/2010	Ethylbenzene	0.37	mg/Kg	U
ML-10-S-081910	8/19/2010	Ethylbenzene	0.37	mg/Kg	U
ML-07-S-081810	8/18/2010	Ethylbenzene	0.37	mg/Kg	UJ

**TABLE B-2b**  
**Upstream Sediment Samples (Morrow Lake)**

Sample ID	Sample Date	Analyte	Result	Unit	Data Qualifier
ML-09-S-081810	8/18/2010	Ethylbenzene	0.37	mg/Kg	UJ
ML-10-S-082410	8/24/2010	Ethylbenzene	0.36	mg/Kg	UJ
ML-10-S-082410	8/24/2010	Ethylbenzene	0.36	mg/Kg	UJ
ML-01-S-081610	8/16/2010	Ethylbenzene	0.35	mg/Kg	U
ML-10-S-081610	8/16/2010	Ethylbenzene	0.35	mg/Kg	U
ML-10-S-081610	8/16/2010	Ethylbenzene	0.35	mg/Kg	U
ML-04-S-082410	8/24/2010	Ethylbenzene	0.34	mg/Kg	UJ
ML-03-S-082310	8/23/2010	Ethylbenzene	0.34	mg/Kg	U
ML-10-S-082110-D	8/21/2010	Ethylbenzene	0.34	mg/Kg	U
ML-10-S-082110-D	8/21/2010	Ethylbenzene	0.34	mg/Kg	U
ML-07-S-081610	8/16/2010	Ethylbenzene	0.34	mg/Kg	U
ML-08-S-081610-D	8/16/2010	Ethylbenzene	0.34	mg/Kg	U
ML-04-S-082610	8/26/2010	Ethylbenzene	0.33	mg/Kg	U
ML-05-S-082310	8/23/2010	Ethylbenzene	0.33	mg/Kg	U
ML-05-S-082010	8/20/2010	Ethylbenzene	0.33	mg/Kg	U
ML-10-S-082610	8/26/2010	Ethylbenzene	0.32	mg/Kg	U
ML-10-S-082610	8/26/2010	Ethylbenzene	0.32	mg/Kg	U
ML-06-S-081710	8/17/2010	Ethylbenzene	0.32	mg/Kg	U
ML-08-S-081610	8/16/2010	Ethylbenzene	0.32	mg/Kg	U
ML-01-S-082510	8/25/2010	Ethylbenzene	0.31	mg/Kg	U
ML-09-S-082510	8/25/2010	Ethylbenzene	0.31	mg/Kg	U
ML-09-S-082410	8/24/2010	Ethylbenzene	0.31	mg/Kg	UJ
ML-02-S-081710	8/17/2010	Ethylbenzene	0.31	mg/Kg	U
ML-02-S-082510	8/25/2010	Ethylbenzene	0.28	mg/Kg	U
ML-09-S-082110	8/21/2010	Ethylbenzene	0.28	mg/Kg	U
ML-01-S-082110	8/21/2010	Ethylbenzene	0.27	mg/Kg	U
ML-04-S-081710	8/17/2010	Ethylbenzene	0.27	mg/Kg	U
ML-05-S-081710	8/17/2010	Ethylbenzene	0.27	mg/Kg	U
ML-02-S-082310	8/23/2010	Ethylbenzene	0.25	mg/Kg	U
ML-04-S-082010	8/20/2010	Ethylbenzene	0.25	mg/Kg	U
ML-01-S-081910	8/19/2010	Ethylbenzene	0.25	mg/Kg	U
ML-02-S-082010	8/20/2010	Ethylbenzene	0.22	mg/Kg	U
ML-03-S-081610	8/16/2010	Ethylbenzene	0.22	mg/Kg	U
ML-03-S-082010	8/20/2010	Ethylbenzene	0.19	mg/Kg	U
ML-05-S-082610	8/26/2010	Ethylbenzene	0.17	mg/Kg	U
SEE10041335JDF1	10/4/2010	Fluoranthene	3600	ug/Kg	J
SEE10031425JDF1	10/3/2010	Fluoranthene	3500	ug/Kg	
SEE10041150JDF1	10/4/2010	Fluoranthene	3200	ug/Kg	J
SEE10111350JDF1	10/11/2010	Fluoranthene	3100	ug/Kg	
SEE10071540PML1	10/7/2010	Fluoranthene	3100	ug/Kg	
SEE09221615JDF1	9/22/2010	Fluoranthene	3000	ug/Kg	
SEE09051430PML1	9/5/2010	Fluoranthene	3000	ug/Kg	
SEE10040945JDF1	10/4/2010	Fluoranthene	2900	ug/Kg	J
SEE10121030JDF1	10/12/2010	Fluoranthene	2800	ug/Kg	
SEE09061610JAW1	9/6/2010	Fluoranthene	2800	ug/Kg	
SEE10170915JDF1	10/17/2010	Fluoranthene	2700	ug/Kg	J
SEE09290925JDF1	9/29/2010	Fluoranthene	2700	ug/Kg	
SEE09031115JAW1	9/3/2010	Fluoranthene	2700	ug/Kg	
SEE09271025ARM1	9/27/2010	Fluoranthene	2600	ug/Kg	
SEE09271515JDF1	9/27/2010	Fluoranthene	2600	ug/Kg	
SEE09131620PML1	9/13/2010	Fluoranthene	2600	ug/Kg	J
SEE10071205PML1	10/7/2010	Fluoranthene	2500	ug/Kg	
SEE10041050JDF1	10/4/2010	Fluoranthene	2500	ug/Kg	J
SEE09271130JDF1	9/27/2010	Fluoranthene	2500	ug/Kg	
SEE09221105JDF1	9/22/2010	Fluoranthene	2500	ug/Kg	
SEE09011255PML1	9/1/2010	Fluoranthene	2500	ug/Kg	
SEE09291035JDF1	9/29/2010	Fluoranthene	2400	ug/Kg	
SEE09051015PML1	9/5/2010	Fluoranthene	2400	ug/Kg	
SEE10120930JDF1	10/12/2010	Fluoranthene	2300	ug/Kg	
SEE10111125JDF1	10/11/2010	Fluoranthene	2300	ug/Kg	

**TABLE B-2b**  
**Upstream Sediment Samples (Morrow Lake)**

Sample ID	Sample Date	Analyte	Result	Unit	Data Qualifier
SEE10061205PML1	10/6/2010	Fluoranthene	2300	ug/Kg	
SEE10041355ARM1	10/4/2010	Fluoranthene	2300	ug/Kg	J
SEE09171125PML1	9/17/2010	Fluoranthene	2300	ug/Kg	J
SEE10111011JDF1	10/11/2010	Fluoranthene	2200	ug/Kg	
SEE10071101PML1	10/7/2010	Fluoranthene	2200	ug/Kg	
SEE09301255MAE1	9/30/2010	Fluoranthene	2200	ug/Kg	
SEE09130955JRP1	9/13/2010	Fluoranthene	2200	ug/Kg	
SEE09011635PML1	9/1/2010	Fluoranthene	2200	ug/Kg	
SEE10171535ARM1	10/17/2010	Fluoranthene	2100	ug/Kg	J
SEE10081231PML1	10/8/2010	Fluoranthene	2100	ug/Kg	
SEE09171530PML1	9/17/2010	Fluoranthene	2100	ug/Kg	J
SEE09161045PML1	9/16/2010	Fluoranthene	2100	ug/Kg	
SEE09121450PML1	9/12/2010	Fluoranthene	2100	ug/Kg	J
SEE09091515PML1	9/9/2010	Fluoranthene	2100	ug/Kg	
SEE09091605PML1	9/9/2010	Fluoranthene	2100	ug/Kg	
SEE09221440JDF1	9/22/2010	Fluoranthene	2000	ug/Kg	
SEE09131125PML1	9/13/2010	Fluoranthene	2000	ug/Kg	
SEE09011545PML1	9/1/2010	Fluoranthene	2000	ug/Kg	
SEE09201645ARM1	9/20/2010	Fluoranthene	1900	ug/Kg	
SEE09171415PML1	9/17/2010	Fluoranthene	1900	ug/Kg	J
SEE09051130PML1	9/5/2010	Fluoranthene	1900	ug/Kg	
SEE08301530JAW1	8/30/2010	Fluoranthene	1900	ug/Kg	
SEE10161055JDF1	10/16/2010	Fluoranthene	1800	ug/Kg	
SEE09131505PML1	9/13/2010	Fluoranthene	1800	ug/Kg	
SEE09091025JRP1	9/9/2010	Fluoranthene	1800	ug/Kg	
SEE09041350PML1	9/4/2010	Fluoranthene	1800	ug/Kg	J
SEE10131150JDF1	10/13/2010	Fluoranthene	1700	ug/Kg	
SEE09291135JDF1	9/29/2010	Fluoranthene	1700	ug/Kg	
SEE09130940PML1	9/13/2010	Fluoranthene	1700	ug/Kg	
SEE09091145PML1	9/9/2010	Fluoranthene	1700	ug/Kg	
SEE09011050PML1	9/1/2010	Fluoranthene	1700	ug/Kg	
SEE09011145PML1	9/1/2010	Fluoranthene	1700	ug/Kg	
SEE10161530JDF1	10/16/2010	Fluoranthene	1600	ug/Kg	
SEE09211530JDF1	9/21/2010	Fluoranthene	1600	ug/Kg	J
SEE09170945PML1	9/17/2010	Fluoranthene	1600	ug/Kg	J
SEE10171410JDF1	10/17/2010	Fluoranthene	1500	ug/Kg	J
SEE10091200ARM1	10/9/2010	Fluoranthene	1500	ug/Kg	
SEE09301105JDF1	9/30/2010	Fluoranthene	1500	ug/Kg	
SEE09211155JDF1	9/21/2010	Fluoranthene	1500	ug/Kg	J
SEE09091410PML1	9/9/2010	Fluoranthene	1500	ug/Kg	
SEE09040950PML1	9/4/2010	Fluoranthene	1500	ug/Kg	J
SEE09011545MHS1	9/1/2010	Fluoranthene	1500	ug/Kg	
SEE08301015JRP1	8/30/2010	Fluoranthene	1500	ug/Kg	
SEE10181035JDF1	10/18/2010	Fluoranthene	1400	ug/Kg	
SEE10061051RCM1	10/6/2010	Fluoranthene	1400	ug/Kg	
SEE10051125PML1	10/5/2010	Fluoranthene	1400	ug/Kg	
SEE09301255JDF1	9/30/2010	Fluoranthene	1400	ug/Kg	
SEE09231130ARM1	9/23/2010	Fluoranthene	1400	ug/Kg	
SEE09091010PML1	9/9/2010	Fluoranthene	1400	ug/Kg	
SEE09081020RCM1	9/8/2010	Fluoranthene	1400	ug/Kg	
SEE08271500PML1	8/27/2010	Fluoranthene	1400	ug/kg	
SEE10171115JDF1	10/17/2010	Fluoranthene	1300	ug/Kg	J
SEE10121415ARM1	10/12/2010	Fluoranthene	1300	ug/Kg	
SEE10071415ARM1	10/7/2010	Fluoranthene	1300	ug/Kg	
SEE10051653PML1	10/5/2010	Fluoranthene	1300	ug/Kg	
SEE09191445RCM1	9/19/2010	Fluoranthene	1300	ug/Kg	
SEE09061500PML1	9/6/2010	Fluoranthene	1300	ug/Kg	
SEE08301130PML1	8/30/2010	Fluoranthene	1300	ug/Kg	
SEE08301145MHS1	8/30/2010	Fluoranthene	1300	ug/Kg	
SEE10161115ARM1	10/16/2010	Fluoranthene	1200	ug/Kg	

**TABLE B-2b**  
**Upstream Sediment Samples (Morrow Lake)**

Sample ID	Sample Date	Analyte	Result	Unit	Data Qualifier
SEE10141550JDF1	10/14/2010	Fluoranthene	1200	ug/Kg	
SEE10141550JDF1	10/14/2010	Fluoranthene	1200	ug/Kg	
SEE10091401PML1	10/9/2010	Fluoranthene	1200	ug/Kg	
SEE10041530JDF1	10/4/2010	Fluoranthene	1200	ug/Kg	J
SEE09260930RCM1	9/26/2010	Fluoranthene	1200	ug/Kg	
SEE09121436RCM1	9/12/2010	Fluoranthene	1200	ug/Kg	J
SEE09051550MHS1	9/5/2010	Fluoranthene	1200	ug/Kg	
SEE09021400PML1	9/2/2010	Fluoranthene	1200	ug/Kg	
SEE08301520JRP1	8/30/2010	Fluoranthene	1200	ug/Kg	
SEE08301638MHS1	8/30/2010	Fluoranthene	1200	ug/Kg	
SEE10141015JDF1	10/14/2010	Fluoranthene	1100	ug/Kg	
SEE10141555ARM1	10/14/2010	Fluoranthene	1100	ug/Kg	
SEE10121155JDF1	10/12/2010	Fluoranthene	1100	ug/Kg	
SEE10101215PML1	10/10/2010	Fluoranthene	1100	ug/Kg	
SEE10101215PML1	10/10/2010	Fluoranthene	1100	ug/Kg	
SEE10081051RCM1	10/8/2010	Fluoranthene	1100	ug/Kg	
SEE10081115PML1	10/8/2010	Fluoranthene	1100	ug/Kg	
SEE10031115JDF1	10/3/2010	Fluoranthene	1100	ug/Kg	
SEE10031115JDF1	10/3/2010	Fluoranthene	1100	ug/Kg	
SEE09291023RCM1	9/29/2010	Fluoranthene	1100	ug/Kg	
SEE09251135JDF1	9/25/2010	Fluoranthene	1100	ug/Kg	
SEE09141135PML1	9/14/2010	Fluoranthene	1100	ug/Kg	
SEE09141515PML1	9/14/2010	Fluoranthene	1100	ug/Kg	
SEE09130915JRP1	9/13/2010	Fluoranthene	1100	ug/Kg	
SEE09121055PML1	9/12/2010	Fluoranthene	1100	ug/Kg	J
SEE09121055PML1	9/12/2010	Fluoranthene	1100	ug/Kg	J
SEE09061130MHS1	9/6/2010	Fluoranthene	1100	ug/Kg	
SEE09061525MHS1	9/6/2010	Fluoranthene	1100	ug/Kg	
SEE09031645MHS1	9/3/2010	Fluoranthene	1100	ug/Kg	
SEE09021010PML1	9/2/2010	Fluoranthene	1100	ug/Kg	
SEE08301445JRP1	8/30/2010	Fluoranthene	1100	ug/Kg	
SEE08281505PML1	8/28/2010	Fluoranthene	1100	ug/kg	
SEE10161415JDF1	10/16/2010	Fluoranthene	1000	ug/Kg	
SEE10141150JDF1	10/14/2010	Fluoranthene	1000	ug/Kg	
SEE09261625JDF1	9/26/2010	Fluoranthene	1000	ug/Kg	
SEE09261625JDF1	9/26/2010	Fluoranthene	1000	ug/Kg	
SEE09170839RCM1	9/17/2010	Fluoranthene	1000	ug/Kg	J
SEE09140945PML1	9/14/2010	Fluoranthene	1000	ug/Kg	
SEE09030925PML1	9/3/2010	Fluoranthene	1000	ug/Kg	
SEE10181210JDF1	10/18/2010	Fluoranthene	990	ug/Kg	
SEE09131026RCM1	9/13/2010	Fluoranthene	990	ug/Kg	
SEE10041138RCM1	10/4/2010	Fluoranthene	970	ug/Kg	J
SEE09261215JDF1	9/26/2010	Fluoranthene	970	ug/Kg	
SEE09151145PML1	9/15/2010	Fluoranthene	960	ug/Kg	
SEE09151145PML1	9/15/2010	Fluoranthene	960	ug/Kg	
SEE10151355ARM1	10/15/2010	Fluoranthene	940	ug/Kg	
SEE10071042RCM1	10/7/2010	Fluoranthene	940	ug/Kg	
SEE10011120JDF1	10/1/2010	Fluoranthene	940	ug/Kg	
SEE10181510JDF1	10/18/2010	Fluoranthene	930	ug/Kg	
SEE10181510JDF1	10/18/2010	Fluoranthene	930	ug/Kg	
SEE10091614PML1	10/9/2010	Fluoranthene	930	ug/Kg	
SEE09161035RCM1	9/16/2010	Fluoranthene	920	ug/Kg	
SEE10151055ARM1	10/15/2010	Fluoranthene	910	ug/Kg	
SEE09220935RCM1	9/22/2010	Fluoranthene	900	ug/Kg	
SEE09031140MHS1	9/3/2010	Fluoranthene	900	ug/Kg	
SEE08281215PML1	8/28/2010	Fluoranthene	900	ug/kg	
SEE08271215PML1	8/27/2010	Fluoranthene	900	ug/kg	
SEE09121105RCM1	9/12/2010	Fluoranthene	890	ug/Kg	J
SEE08300920JRP1	8/30/2010	Fluoranthene	890	ug/Kg	
SEE09181235PML1	9/18/2010	Fluoranthene	880	ug/Kg	

**TABLE B-2b**  
**Upstream Sediment Samples (Morrow Lake)**

Sample ID	Sample Date	Analyte	Result	Unit	Data Qualifier
SEE09181705PML1	9/18/2010	Fluoranthene	870	ug/Kg	
SEE09111015PML1	9/11/2010	Fluoranthene	860	ug/Kg	J
SEE09081205PML1	9/8/2010	Fluoranthene	860	ug/Kg	
SEE08311420PML1	8/31/2010	Fluoranthene	830	ug/Kg	
SEE08311420PML1	8/31/2010	Fluoranthene	830	ug/Kg	
SEE10150945JDF1	10/15/2010	Fluoranthene	820	ug/Kg	
SEE09061105PML1	9/6/2010	Fluoranthene	820	ug/Kg	
SEE09031650PML1	9/3/2010	Fluoranthene	810	ug/Kg	
SEE09031650PML1	9/3/2010	Fluoranthene	810	ug/Kg	
SEE08301550PML1	8/30/2010	Fluoranthene	810	ug/Kg	
SEE09131445RCM1	9/13/2010	Fluoranthene	800	ug/Kg	
SEE08311045PML1	8/31/2010	Fluoranthene	780	ug/Kg	
SEE10181430JWP1	10/18/2010	Fluoranthene	770	ug/Kg	
SEE09191040PML1	9/19/2010	Fluoranthene	760	ug/Kg	
SEE09291645JDF1	9/29/2010	Fluoranthene	750	ug/Kg	
SEE09191530PML1	9/19/2010	Fluoranthene	750	ug/Kg	
SEE09090900JRP1	9/9/2010	Fluoranthene	740	ug/Kg	
SEE08291550KAP1	8/29/2010	Fluoranthene	740	ug/kg	
SEE08281630RCM1	8/28/2010	Fluoranthene	740	ug/kg	J
SEE09250905RCM1	9/25/2010	Fluoranthene	710	ug/Kg	
SEE09201115RCM1	9/20/2010	Fluoranthene	710	ug/Kg	
SEE10051415ARM1	10/5/2010	Fluoranthene	700	ug/Kg	
SEE09081010PML1	9/8/2010	Fluoranthene	700	ug/Kg	
SEE09071050PML1	9/7/2010	Fluoranthene	700	ug/Kg	
SEE09091005RCM1	9/9/2010	Fluoranthene	670	ug/Kg	
SEE10101010PML1	10/10/2010	Fluoranthene	660	ug/Kg	
SEE09101215PML1	9/10/2010	Fluoranthene	660	ug/Kg	J
SEE09101625PML1	9/10/2010	Fluoranthene	630	ug/Kg	J
SEE09200945PML1	9/20/2010	Fluoranthene	620	ug/Kg	
SEE09200945PML1	9/20/2010	Fluoranthene	620	ug/Kg	
SEE09031100PML1	9/3/2010	Fluoranthene	620	ug/Kg	
SEE10061640PML1	10/6/2010	Fluoranthene	590	ug/Kg	
SEE10061640PML1	10/6/2010	Fluoranthene	590	ug/Kg	
SEE08281607TWH1	8/28/2010	Fluoranthene	590	ug/kg	J
SEE09301205RCM1	9/30/2010	Fluoranthene	580	ug/Kg	
SEE09211112RCM1	9/21/2010	Fluoranthene	570	ug/Kg	J
SEE09101022PML1	9/10/2010	Fluoranthene	560	ug/Kg	J
SEE09091410RCM1	9/9/2010	Fluoranthene	550	ug/Kg	
SEE09231645JDF1	9/23/2010	Fluoranthene	540	ug/Kg	
SEE09171445RCM1	9/17/2010	Fluoranthene	530	ug/Kg	J
SEE09141312RCM1	9/14/2010	Fluoranthene	500	ug/Kg	
SEE08291354KAP1	8/29/2010	Fluoranthene	480	ug/kg	
SEE08261420RCM1	8/26/2010	Fluoranthene	470	ug/kg	J
SEE10191515JDF1	10/19/2010	Fluoranthene	460	ug/Kg	
SEE08261445JRP1	8/26/2010	Fluoranthene	460	ug/Kg	
SEE09151015PML1	9/15/2010	Fluoranthene	440	ug/Kg	
SEE08311010JRP1	8/31/2010	Fluoranthene	420	ug/Kg	
SEE08281510TWH1	8/28/2010	Fluoranthene	410	ug/kg	J
SEE08281420TWH1	8/28/2010	Fluoranthene	390	ug/kg	J
SEE08271614TWH1	8/27/2010	Fluoranthene	390	ug/kg	J
SEE09230955RCM1	9/23/2010	Fluoranthene	380	ug/Kg	
SEE08271652TWH1	8/27/2010	Fluoranthene	370	ug/kg	J
SEE08271145RCM1	8/27/2010	Fluoranthene	360	ug/kg	J
SEE09231210JDF1	9/23/2010	Fluoranthene	350	ug/Kg	
SEE08291421KAP1	8/29/2010	Fluoranthene	350	ug/kg	J
SEE10191100JDF1	10/19/2010	Fluoranthene	340	ug/Kg	
SEE08311348MHS1	8/31/2010	Fluoranthene	330	ug/Kg	
SEE10011125ARM1	10/1/2010	Fluoranthene	310	ug/Kg	
SEF10011045TDF1	10/1/2010	Fluoranthene	300	ug/Kg	
SEE10071151RCM1	10/7/2010	Fluoranthene	270	ug/Kg	



**TABLE B-2b**  
**Upstream Sediment Samples (Morrow Lake)**

Sample ID	Sample Date	Analyte	Result	Unit	Data Qualifier
SEE08261620RCM1	8/26/2010	Fluoranthene	270	ug/kg	J
SEE09201110ARM1	9/20/2010	Fluoranthene	260	ug/Kg	
SEE09290915MAE1	9/29/2010	Fluoranthene	250	ug/Kg	
SEE09140945JRP1	9/14/2010	Fluoranthene	250	ug/Kg	
SEE10191115JWP1	10/19/2010	Fluoranthene	230	ug/Kg	
SEE10121040ARM1	10/12/2010	Fluoranthene	230	ug/Kg	
SEE09271500ARM1	9/27/2010	Fluoranthene	230	ug/Kg	
SEE08291445PML1	8/29/2010	Fluoranthene	230	ug/kg	J
SEE08261700JRP1	8/26/2010	Fluoranthene	220	ug/Kg	
SEE10141025ARM1	10/14/2010	Fluoranthene	200	ug/Kg	
SEE10211035JDF1	10/21/2010	Fluoranthene	180	ug/Kg	UJ
SEE10221110JDF1	10/22/2010	Fluoranthene	160	ug/Kg	U
SEE10221110JDF1	10/22/2010	Fluoranthene	160	ug/Kg	U
SEE10211430JDF1	10/21/2010	Fluoranthene	160	ug/Kg	U
SEE10191005JDF1	10/19/2010	Fluoranthene	160	ug/Kg	U
SEE09171200ARM1	9/17/2010	Fluoranthene	160	ug/Kg	J
SEE09051500MHS1	9/5/2010	Fluoranthene	160	ug/Kg	
SEE10061135ARM1	10/6/2010	Fluoranthene	150	ug/Kg	
SEE09150915JRP1	9/15/2010	Fluoranthene	150	ug/Kg	
SEE08291110PML1	8/29/2010	Fluoranthene	150	ug/kg	J
SEE10211010JWP1	10/21/2010	Fluoranthene	140	ug/Kg	U
SEE10071045ARM1	10/7/2010	Fluoranthene	140	ug/Kg	
SEE08271445JRP1	8/27/2010	Fluoranthene	140	ug/kg	J
SEE10221055DWS1	10/22/2010	Fluoranthene	130	ug/Kg	U
SEE10191010JWP1	10/19/2010	Fluoranthene	130	ug/Kg	U
SEE09301025MAE1	9/30/2010	Fluoranthene	130	ug/Kg	
SEE09211120ARM1	9/21/2010	Fluoranthene	130	ug/Kg	J
SEE10191155JDF1	10/19/2010	Fluoranthene	120	ug/Kg	J
SEE09231035ARM1	9/23/2010	Fluoranthene	120	ug/Kg	
SEE09070930JRP1	9/7/2010	Fluoranthene	96	ug/Kg	
SEE09100920JRP1	9/10/2010	Fluoranthene	94	ug/Kg	J
SEE08301410JRP1	8/30/2010	Fluoranthene	88	ug/Kg	
SEE10191415JDF1	10/19/2010	Fluoranthene	86	ug/Kg	J
SEE09231205RCM1	9/23/2010	Fluoranthene	84	ug/Kg	
SEE10221450DWS1	10/22/2010	Fluoranthene	78	ug/Kg	
SEE10041045ARM1	10/4/2010	Fluoranthene	69	ug/Kg	J
SEE08281540JRP1	8/28/2010	Fluoranthene	64	ug/kg	J
SEE10211345JWP1	10/21/2010	Fluoranthene	62	ug/Kg	U
SEE09251235ARM1	9/25/2010	Fluoranthene	61	ug/Kg	
SEE08271536TWH1	8/27/2010	Fluoranthene	60	ug/kg	J
SEB08281400JLS1	8/28/2010	Fluoranthene	55	ug/kg	J
SEF10221050MAE3	10/22/2010	Fluoranthene	46	ug/Kg	U
SEE09200911RCM1	9/20/2010	Fluoranthene	46	ug/Kg	U
SEF10191135NAC3	10/19/2010	Fluoranthene	44	ug/Kg	U
SEE10081035ARM1	10/8/2010	Fluoranthene	44	ug/Kg	J
SEE09051500JAW1	9/5/2010	Fluoranthene	44	ug/Kg	
SEF09281139TDF1	9/28/2010	Fluoranthene	39	ug/Kg	U
SEE08301100JRP1	8/30/2010	Fluoranthene	39	ug/Kg	J
SEE10181030JWP1	10/18/2010	Fluoranthene	37	ug/Kg	U
SEF10051206TDF3	10/5/2010	Fluoranthene	37	ug/Kg	J
SEE09170935RCM1	9/17/2010	Fluoranthene	30	ug/Kg	J
SEE09281445RCM1	9/28/2010	Fluoranthene	28	ug/Kg	J
SEE09011515JAW1	9/1/2010	Fluoranthene	23	ug/Kg	J
SEE10131035ARM1	10/13/2010	Fluoranthene	22	ug/Kg	J
SEE09221045ARM1	9/22/2010	Fluoranthene	20	ug/Kg	J
SEE10011043RCM1	10/1/2010	Fluoranthene	19	ug/Kg	J
SEF10081108TDF3	10/8/2010	Fluoranthene	16	ug/Kg	J
SEE09100945RCM1	9/10/2010	Fluoranthene	16	ug/Kg	J
SEB09011143JLS1	9/1/2010	Fluoranthene	14	ug/Kg	J
SEF10121130PMB3	10/12/2010	Fluoranthene	13	ug/Kg	J

**TABLE B-2b**  
**Upstream Sediment Samples (Morrow Lake)**

Sample ID	Sample Date	Analyte	Result	Unit	Data Qualifier
SEF10151030PMB3	10/15/2010	Fluoranthene	12	ug/Kg	J
SEE10051145RCM1	10/5/2010	Fluoranthene	12	ug/Kg	J
SEE09080930JRP1	9/8/2010	Fluoranthene	11	ug/Kg	J
ML-03-S-082510	8/25/2010	Fluoranthene	2.2	mg/Kg	
ML-03-S-081610	8/16/2010	Fluoranthene	2.2	mg/Kg	
ML-03-S-082310	8/23/2010	Fluoranthene	1.9	mg/Kg	J
ML-03-S-082010	8/20/2010	Fluoranthene	1.8	mg/Kg	
ML-04-S-082010	8/20/2010	Fluoranthene	1.8	mg/Kg	
ML-05-S-082310	8/23/2010	Fluoranthene	1.7	mg/Kg	
ML-02-S-082510	8/25/2010	Fluoranthene	1.6	mg/Kg	
ML-04-S-082410	8/24/2010	Fluoranthene	1.6	mg/Kg	J
ML-01-S-081610	8/16/2010	Fluoranthene	1.6	mg/Kg	
ML-05-S-082010	8/20/2010	Fluoranthene	1.5	mg/Kg	
ML-04-S-082610	8/26/2010	Fluoranthene	1.4	mg/Kg	
ML-05-S-081710	8/17/2010	Fluoranthene	1.4	mg/Kg	
ML-01-S-082510	8/25/2010	Fluoranthene	1.3	mg/Kg	
ML-02-S-082310	8/23/2010	Fluoranthene	1.3	mg/Kg	
ML-04-S-081710	8/17/2010	Fluoranthene	1.3	mg/Kg	
ML-02-S-082010	8/20/2010	Fluoranthene	1.2	mg/Kg	
ML-01-S-082110	8/21/2010	Fluoranthene	1.0	mg/Kg	
ML-05-S-082610	8/26/2010	Fluoranthene	0.93	mg/Kg	
ML-01-S-081910	8/19/2010	Fluoranthene	0.93	mg/Kg	
ML-02-S-081710	8/17/2010	Fluoranthene	0.92	mg/Kg	
ML-07-S-082410	8/24/2010	Fluoranthene	0.84	mg/Kg	J
ML-07-S-082110	8/21/2010	Fluoranthene	0.76	mg/Kg	
ML-08-S-082510	8/25/2010	Fluoranthene	0.72	mg/Kg	
ML-06-S-082510	8/25/2010	Fluoranthene	0.60	mg/Kg	
ML-10-S-081610	8/16/2010	Fluoranthene	0.59	mg/Kg	
ML-10-S-081610	8/16/2010	Fluoranthene	0.59	mg/Kg	
ML-07-S-082510	8/25/2010	Fluoranthene	0.56	mg/Kg	
ML-08-S-081610	8/16/2010	Fluoranthene	0.55	mg/Kg	
ML-09-S-082110	8/21/2010	Fluoranthene	0.53	mg/Kg	
ML-10-S-082110	8/21/2010	Fluoranthene	0.47	mg/Kg	
ML-10-S-082110	8/21/2010	Fluoranthene	0.47	mg/Kg	
ML-07-S-081610	8/16/2010	Fluoranthene	0.47	mg/Kg	
ML-09-S-082510	8/25/2010	Fluoranthene	0.43	mg/Kg	
ML-07-S-081810	8/18/2010	Fluoranthene	0.42	mg/Kg	J
ML-10-S-081910	8/19/2010	Fluoranthene	0.41	mg/Kg	
ML-10-S-081910	8/19/2010	Fluoranthene	0.41	mg/Kg	
ML-06-S-081710	8/17/2010	Fluoranthene	0.41	mg/Kg	
ML-06-S-082010	8/20/2010	Fluoranthene	0.39	mg/Kg	
ML-09-S-082410	8/24/2010	Fluoranthene	0.38	mg/Kg	J
ML-06-S-082310	8/23/2010	Fluoranthene	0.38	mg/Kg	
ML-10-S-082610	8/26/2010	Fluoranthene	0.36	mg/Kg	
ML-10-S-082610	8/26/2010	Fluoranthene	0.36	mg/Kg	
ML-10-S-082410	8/24/2010	Fluoranthene	0.35	mg/Kg	J
ML-10-S-082410	8/24/2010	Fluoranthene	0.35	mg/Kg	J
ML-09-S-081810	8/18/2010	Fluoranthene	0.34	mg/Kg	J
ML-08-S-082410	8/24/2010	Fluoranthene	0.29	mg/Kg	J
ML-08-S-082110	8/21/2010	Fluoranthene	0.25	mg/Kg	
SEE08271145RCM1	8/27/2010	Fluorene	1600	ug/kg	U
SEE08261620RCM1	8/26/2010	Fluorene	1400	ug/kg	U
SEE08261420RCM1	8/26/2010	Fluorene	1200	ug/kg	U
SEE08281607TWH1	8/28/2010	Fluorene	830	ug/kg	U
SEE08281630RCM1	8/28/2010	Fluorene	830	ug/kg	U
SEE09011635PML1	9/1/2010	Fluorene	600	ug/Kg	U
SEE09051430PML1	9/5/2010	Fluorene	590	ug/Kg	U
SEE08291110PML1	8/29/2010	Fluorene	590	ug/kg	U
SEE08281420TWH1	8/28/2010	Fluorene	570	ug/kg	U
SEE08281510TWH1	8/28/2010	Fluorene	540	ug/kg	U

**TABLE B-2b**  
**Upstream Sediment Samples (Morrow Lake)**

Sample ID	Sample Date	Analyte	Result	Unit	Data Qualifier
SEE08271445JRP1	8/27/2010	Fluorene	230	ug/kg	U
SEE08271536TWH1	8/27/2010	Fluorene	220	ug/kg	U
SEB08281400JLS1	8/28/2010	Fluorene	210	ug/kg	U
SEE08281540JRP1	8/28/2010	Fluorene	210	ug/kg	U
SEE10211035JDF1	10/21/2010	Fluorene	180	ug/Kg	UJ
SEE09061500PML1	9/6/2010	Fluorene	180	ug/Kg	U
SEE10071540PML1	10/7/2010	Fluorene	170	ug/Kg	U
SEE09231645JDF1	9/23/2010	Fluorene	170	ug/Kg	U
SEE09101022PML1	9/10/2010	Fluorene	170	ug/Kg	UJ
SEE09101215PML1	9/10/2010	Fluorene	170	ug/Kg	UJ
SEE09091410RCM1	9/9/2010	Fluorene	170	ug/Kg	U
SEE08311420PML1	8/31/2010	Fluorene	170	ug/Kg	U
SEE08311420PML1	8/31/2010	Fluorene	170	ug/Kg	U
SEE10221110JDF1	10/22/2010	Fluorene	160	ug/Kg	U
SEE10221110JDF1	10/22/2010	Fluorene	160	ug/Kg	U
SEE10211430JDF1	10/21/2010	Fluorene	160	ug/Kg	U
SEE10191005JDF1	10/19/2010	Fluorene	160	ug/Kg	U
SEE09231210JDF1	9/23/2010	Fluorene	160	ug/Kg	U
SEE09101625PML1	9/10/2010	Fluorene	160	ug/Kg	UJ
SEE09031100PML1	9/3/2010	Fluorene	160	ug/Kg	U
SEE10191155JDF1	10/19/2010	Fluorene	150	ug/Kg	U
SEE10191415JDF1	10/19/2010	Fluorene	150	ug/Kg	U
SEE10191515JDF1	10/19/2010	Fluorene	150	ug/Kg	U
SEE10101215PML1	10/10/2010	Fluorene	150	ug/Kg	U
SEE10101215PML1	10/10/2010	Fluorene	150	ug/Kg	U
SEE09220935RCM1	9/22/2010	Fluorene	150	ug/Kg	U
SEE09200945PML1	9/20/2010	Fluorene	150	ug/Kg	U
SEE09200945PML1	9/20/2010	Fluorene	150	ug/Kg	U
SEE09191040PML1	9/19/2010	Fluorene	150	ug/Kg	U
SEE09131445RCM1	9/13/2010	Fluorene	150	ug/Kg	U
SEE09091005RCM1	9/9/2010	Fluorene	150	ug/Kg	U
SEE09081010PML1	9/8/2010	Fluorene	150	ug/Kg	U
SEE09081205PML1	9/8/2010	Fluorene	150	ug/Kg	U
SEE09071050PML1	9/7/2010	Fluorene	150	ug/Kg	U
SEE09031650PML1	9/3/2010	Fluorene	150	ug/Kg	U
SEE09031650PML1	9/3/2010	Fluorene	150	ug/Kg	U
SEE08311045PML1	8/31/2010	Fluorene	150	ug/Kg	U
SEE10211010JWP1	10/21/2010	Fluorene	140	ug/Kg	U
SEE10191100JDF1	10/19/2010	Fluorene	140	ug/Kg	U
SEE10181210JDF1	10/18/2010	Fluorene	140	ug/Kg	U
SEE10171535ARM1	10/17/2010	Fluorene	140	ug/Kg	
SEE10150945JDF1	10/15/2010	Fluorene	140	ug/Kg	U
SEE09301205RCM1	9/30/2010	Fluorene	140	ug/Kg	U
SEE09230955RCM1	9/23/2010	Fluorene	140	ug/Kg	U
SEE09201115RCM1	9/20/2010	Fluorene	140	ug/Kg	U
SEE09171445RCM1	9/17/2010	Fluorene	140	ug/Kg	U
SEE09151015PML1	9/15/2010	Fluorene	140	ug/Kg	U
SEE10221055DWS1	10/22/2010	Fluorene	130	ug/Kg	U
SEE10191010JWP1	10/19/2010	Fluorene	130	ug/Kg	U
SEE10041335JDF1	10/4/2010	Fluorene	130	ug/Kg	
SEE09250905RCM1	9/25/2010	Fluorene	130	ug/Kg	U
SEE08261445JRP1	8/26/2010	Fluorene	130	ug/Kg	U
SEE10041150JDF1	10/4/2010	Fluorene	120	ug/Kg	J
SEE10031425JDF1	10/3/2010	Fluorene	120	ug/Kg	J
SEE09211112RCM1	9/21/2010	Fluorene	120	ug/Kg	UJ
SEE10170915JDF1	10/17/2010	Fluorene	110	ug/Kg	
SEE10040945JDF1	10/4/2010	Fluorene	110	ug/Kg	
SEE09221615JDF1	9/22/2010	Fluorene	110	ug/Kg	J
SEE09141312RCM1	9/14/2010	Fluorene	110	ug/Kg	U
SEE10111350JDF1	10/11/2010	Fluorene	100	ug/Kg	J

**TABLE B-2b**  
**Upstream Sediment Samples (Morrow Lake)**

Sample ID	Sample Date	Analyte	Result	Unit	Data Qualifier
SEE10041355ARM1	10/4/2010	Fluorene	100	ug/Kg	
SEE10121030JDF1	10/12/2010	Fluorene	99	ug/Kg	J
SEE10071205PML1	10/7/2010	Fluorene	99	ug/Kg	J
SEE10061205PML1	10/6/2010	Fluorene	99	ug/Kg	J
SEE10111125JDF1	10/11/2010	Fluorene	95	ug/Kg	J
SEE08311348MHS1	8/31/2010	Fluorene	93	ug/Kg	U
SEE09131620PML1	9/13/2010	Fluorene	91	ug/Kg	J
SEE09301255MAE1	9/30/2010	Fluorene	89	ug/Kg	J
SEE10111011JDF1	10/11/2010	Fluorene	88	ug/Kg	J
SEE10091200ARM1	10/9/2010	Fluorene	88	ug/Kg	
SEE09290925JDF1	9/29/2010	Fluorene	86	ug/Kg	J
SEE09271515JDF1	9/27/2010	Fluorene	86	ug/Kg	J
SEE10071151RCM1	10/7/2010	Fluorene	84	ug/Kg	U
SEE10041050JDF1	10/4/2010	Fluorene	84	ug/Kg	J
SEE10071101PML1	10/7/2010	Fluorene	82	ug/Kg	J
SEE09221105JDF1	9/22/2010	Fluorene	81	ug/Kg	J
SEE09011255PML1	9/1/2010	Fluorene	80	ug/Kg	J
SEE10151355ARM1	10/15/2010	Fluorene	79	ug/Kg	J
SEE09130955JRP1	9/13/2010	Fluorene	79	ug/Kg	J
SEE09271025ARM1	9/27/2010	Fluorene	78	ug/Kg	J
SEE09051015PML1	9/5/2010	Fluorene	76	ug/Kg	J
SEE10121415ARM1	10/12/2010	Fluorene	75	ug/Kg	J
SEE09051500MHS1	9/5/2010	Fluorene	75	ug/Kg	U
SEE09271130JDF1	9/27/2010	Fluorene	74	ug/Kg	J
SEE10221450DWS1	10/22/2010	Fluorene	73	ug/Kg	U
SEE10141025ARM1	10/14/2010	Fluorene	73	ug/Kg	U
SEE09171125PML1	9/17/2010	Fluorene	73	ug/Kg	J
SEE09091605PML1	9/9/2010	Fluorene	72	ug/Kg	J
SEE08301530JAW1	8/30/2010	Fluorene	72	ug/Kg	J
SEE10161055JDF1	10/16/2010	Fluorene	71	ug/Kg	J
SEE09291035JDF1	9/29/2010	Fluorene	71	ug/Kg	J
SEE08301015JRP1	8/30/2010	Fluorene	69	ug/Kg	J
SEE10120930JDF1	10/12/2010	Fluorene	68	ug/Kg	J
SEE10081231PML1	10/8/2010	Fluorene	68	ug/Kg	J
SEE09171530PML1	9/17/2010	Fluorene	68	ug/Kg	J
SEE09130915JRP1	9/13/2010	Fluorene	68	ug/Kg	
SEE10071415ARM1	10/7/2010	Fluorene	67	ug/Kg	J
SEE10061051RCM1	10/6/2010	Fluorene	67	ug/Kg	J
SEE09201645ARM1	9/20/2010	Fluorene	67	ug/Kg	J
SEE09131125PML1	9/13/2010	Fluorene	66	ug/Kg	J
SEE09121450PML1	9/12/2010	Fluorene	66	ug/Kg	J
SEE10211345JWP1	10/21/2010	Fluorene	62	ug/Kg	U
SEE09131505PML1	9/13/2010	Fluorene	62	ug/Kg	J
SEE09011545PML1	9/1/2010	Fluorene	62	ug/Kg	J
SEE10161115ARM1	10/16/2010	Fluorene	60	ug/Kg	J
SEE08301638MHS1	8/30/2010	Fluorene	60	ug/Kg	J
SEE10131150JDF1	10/13/2010	Fluorene	59	ug/Kg	J
SEE09301255JDF1	9/30/2010	Fluorene	59	ug/Kg	J
SEE09161045PML1	9/16/2010	Fluorene	59	ug/Kg	J
SEE09041350PML1	9/4/2010	Fluorene	59	ug/Kg	J
SEE09090900JRP1	9/9/2010	Fluorene	58	ug/Kg	J
SEE09091515PML1	9/9/2010	Fluorene	58	ug/Kg	J
SEE10041530JDF1	10/4/2010	Fluorene	56	ug/Kg	J
SEE09301105JDF1	9/30/2010	Fluorene	56	ug/Kg	J
SEE10181035JDF1	10/18/2010	Fluorene	55	ug/Kg	J
SEE09091025JRP1	9/9/2010	Fluorene	55	ug/Kg	J
SEE09051130PML1	9/5/2010	Fluorene	55	ug/Kg	J
SEE09011145PML1	9/1/2010	Fluorene	55	ug/Kg	J
SEE10151055ARM1	10/15/2010	Fluorene	54	ug/Kg	J
SEE09171415PML1	9/17/2010	Fluorene	54	ug/Kg	J

**TABLE B-2b**  
**Upstream Sediment Samples (Morrow Lake)**

Sample ID	Sample Date	Analyte	Result	Unit	Data Qualifier
SEE08301130PML1	8/30/2010	Fluorene	54	ug/Kg	J
SEE08261700JRP1	8/26/2010	Fluorene	53	ug/Kg	U
SEE09221440JDF1	9/22/2010	Fluorene	52	ug/Kg	J
SEE09130940PML1	9/13/2010	Fluorene	52	ug/Kg	J
SEE09100945RCM1	9/10/2010	Fluorene	52	ug/Kg	UJ
SEE10171115JDF1	10/17/2010	Fluorene	51	ug/Kg	J
SEE10171410JDF1	10/17/2010	Fluorene	51	ug/Kg	J
SEE09291135JDF1	9/29/2010	Fluorene	51	ug/Kg	J
SEE09011545MHS1	9/1/2010	Fluorene	51	ug/Kg	J
SEE08301410JRP1	8/30/2010	Fluorene	51	ug/Kg	U
SEE10141550JDF1	10/14/2010	Fluorene	50	ug/Kg	J
SEE10141550JDF1	10/14/2010	Fluorene	50	ug/Kg	J
SEE10141555ARM1	10/14/2010	Fluorene	50	ug/Kg	J
SEE09211530JDF1	9/21/2010	Fluorene	50	ug/Kg	J
SEE09011050PML1	9/1/2010	Fluorene	50	ug/Kg	J
SEE08301445JRP1	8/30/2010	Fluorene	50	ug/Kg	J
SEE08301520JRP1	8/30/2010	Fluorene	50	ug/Kg	J
SEE10191115JWP1	10/19/2010	Fluorene	49	ug/Kg	J
SEE10051125PML1	10/5/2010	Fluorene	49	ug/Kg	J
SEE09211120ARM1	9/21/2010	Fluorene	49	ug/Kg	UJ
SEE10031115JDF1	10/3/2010	Fluorene	48	ug/Kg	J
SEE10031115JDF1	10/3/2010	Fluorene	48	ug/Kg	J
SEE09260930RCM1	9/26/2010	Fluorene	48	ug/Kg	J
SEE09211155JDF1	9/21/2010	Fluorene	48	ug/Kg	J
SEE09061130MHS1	9/6/2010	Fluorene	48	ug/Kg	J
SEE09031115JAW1	9/3/2010	Fluorene	48	ug/Kg	J
SEE10091401PML1	10/9/2010	Fluorene	47	ug/Kg	J
SEE10081035ARM1	10/8/2010	Fluorene	47	ug/Kg	U
SEE09171200ARM1	9/17/2010	Fluorene	47	ug/Kg	U
SEE08301145MHS1	8/30/2010	Fluorene	47	ug/Kg	J
SEF10221050MAE3	10/22/2010	Fluorene	46	ug/Kg	U
SEE10181430JWP1	10/18/2010	Fluorene	46	ug/Kg	J
SEE10081051RCM1	10/8/2010	Fluorene	46	ug/Kg	J
SEE10011120JDF1	10/1/2010	Fluorene	46	ug/Kg	J
SEE09200911RCM1	9/20/2010	Fluorene	46	ug/Kg	U
SEE09140945JRP1	9/14/2010	Fluorene	46	ug/Kg	U
SEE09091145PML1	9/9/2010	Fluorene	46	ug/Kg	J
SEE09091410PML1	9/9/2010	Fluorene	46	ug/Kg	J
SEE09061525MHS1	9/6/2010	Fluorene	46	ug/Kg	J
SEE09040950PML1	9/4/2010	Fluorene	46	ug/Kg	J
SEE09271500ARM1	9/27/2010	Fluorene	45	ug/Kg	U
SEE09231205RCM1	9/23/2010	Fluorene	45	ug/Kg	U
SEF10191135NAC3	10/19/2010	Fluorene	44	ug/Kg	U
SEE09281445RCM1	9/28/2010	Fluorene	44	ug/Kg	U
SEE09251235ARM1	9/25/2010	Fluorene	44	ug/Kg	U
SEE09070930JRP1	9/7/2010	Fluorene	44	ug/Kg	U
SEE08301100JRP1	8/30/2010	Fluorene	44	ug/Kg	U
SEE10161530JDF1	10/16/2010	Fluorene	43	ug/Kg	J
SEF10081108TDF3	10/8/2010	Fluorene	43	ug/Kg	U
SEE10041045ARM1	10/4/2010	Fluorene	43	ug/Kg	U
SEE10011043RCM1	10/1/2010	Fluorene	43	ug/Kg	U
SEE09231035ARM1	9/23/2010	Fluorene	43	ug/Kg	U
SEE09231130ARM1	9/23/2010	Fluorene	43	ug/Kg	J
SEE09181235PML1	9/18/2010	Fluorene	43	ug/Kg	J
SEE09170935RCM1	9/17/2010	Fluorene	43	ug/Kg	U
SEE09061610JAW1	9/6/2010	Fluorene	43	ug/Kg	J
SEF10151030PMB3	10/15/2010	Fluorene	42	ug/Kg	U
SEF10121130PMB3	10/12/2010	Fluorene	42	ug/Kg	U
SEE10051653PML1	10/5/2010	Fluorene	42	ug/Kg	J
SEF10051206TDF3	10/5/2010	Fluorene	42	ug/Kg	U

**TABLE B-2b**  
**Upstream Sediment Samples (Morrow Lake)**

Sample ID	Sample Date	Analyte	Result	Unit	Data Qualifier
SEE09251135JDF1	9/25/2010	Fluorene	42	ug/Kg	J
SEE09191445RCM1	9/19/2010	Fluorene	42	ug/Kg	J
SEE09100920JRP1	9/10/2010	Fluorene	42	ug/Kg	UJ
SEE09051500JAW1	9/5/2010	Fluorene	42	ug/Kg	U
SEB09011143JLS1	9/1/2010	Fluorene	42	ug/Kg	U
SEE10091614PML1	10/9/2010	Fluorene	41	ug/Kg	J
SEE10081115PML1	10/8/2010	Fluorene	41	ug/Kg	J
SEE09111015PML1	9/11/2010	Fluorene	41	ug/Kg	J
SEE09091010PML1	9/9/2010	Fluorene	41	ug/Kg	J
SEE10131035ARM1	10/13/2010	Fluorene	40	ug/Kg	U
SEE10121155JDF1	10/12/2010	Fluorene	40	ug/Kg	J
SEE10051145RCM1	10/5/2010	Fluorene	40	ug/Kg	U
SEE10051415ARM1	10/5/2010	Fluorene	40	ug/Kg	J
SEE10041138RCM1	10/4/2010	Fluorene	40	ug/Kg	J
SEE09301025MAE1	9/30/2010	Fluorene	40	ug/Kg	U
SEE09221045ARM1	9/22/2010	Fluorene	40	ug/Kg	U
SEE09170945PML1	9/17/2010	Fluorene	40	ug/Kg	J
SEE09080930JRP1	9/8/2010	Fluorene	40	ug/Kg	U
SEE09011515JAW1	9/1/2010	Fluorene	40	ug/Kg	U
SEE10141015JDF1	10/14/2010	Fluorene	39	ug/Kg	J
SEE10141150JDF1	10/14/2010	Fluorene	39	ug/Kg	J
SEF09281139TDF1	9/28/2010	Fluorene	39	ug/Kg	U
SEE09121436RCM1	9/12/2010	Fluorene	39	ug/Kg	J
SEE09021400PML1	9/2/2010	Fluorene	39	ug/Kg	J
SEE10181510JDF1	10/18/2010	Fluorene	38	ug/Kg	J
SEE10181510JDF1	10/18/2010	Fluorene	38	ug/Kg	J
SEE10071042RCM1	10/7/2010	Fluorene	38	ug/Kg	J
SEE09261215JDF1	9/26/2010	Fluorene	38	ug/Kg	J
SEE09121055PML1	9/12/2010	Fluorene	38	ug/Kg	J
SEE09121055PML1	9/12/2010	Fluorene	38	ug/Kg	J
SEE08300920JRP1	8/30/2010	Fluorene	38	ug/Kg	J
SEE10181030JWP1	10/18/2010	Fluorene	37	ug/Kg	U
SEE10061640PML1	10/6/2010	Fluorene	37	ug/Kg	J
SEE10061640PML1	10/6/2010	Fluorene	37	ug/Kg	J
SEE09291023RCM1	9/29/2010	Fluorene	37	ug/Kg	J
SEE09261625JDF1	9/26/2010	Fluorene	37	ug/Kg	J
SEE09261625JDF1	9/26/2010	Fluorene	37	ug/Kg	J
SEE09121105RCM1	9/12/2010	Fluorene	37	ug/Kg	J
SEE09031645MHS1	9/3/2010	Fluorene	37	ug/Kg	J
SEE10101010PML1	10/10/2010	Fluorene	35	ug/Kg	J
SEE09181705PML1	9/18/2010	Fluorene	35	ug/Kg	J
SEE09141515PML1	9/14/2010	Fluorene	35	ug/Kg	J
SEE09131026RCM1	9/13/2010	Fluorene	35	ug/Kg	J
SEE08301550PML1	8/30/2010	Fluorene	35	ug/Kg	J
SEE10161415JDF1	10/16/2010	Fluorene	34	ug/Kg	J
SEE09170839RCM1	9/17/2010	Fluorene	34	ug/Kg	J
SEE09151145PML1	9/15/2010	Fluorene	34	ug/Kg	J
SEE09151145PML1	9/15/2010	Fluorene	34	ug/Kg	J
SEE09141135PML1	9/14/2010	Fluorene	34	ug/Kg	J
SEE09081020RCM1	9/8/2010	Fluorene	34	ug/Kg	J
SEE09030925PML1	9/3/2010	Fluorene	34	ug/Kg	J
SEE09051550MHS1	9/5/2010	Fluorene	33	ug/Kg	J
SEE09031140MHS1	9/3/2010	Fluorene	33	ug/Kg	J
SEE09021010PML1	9/2/2010	Fluorene	33	ug/Kg	J
SEE09191530PML1	9/19/2010	Fluorene	32	ug/Kg	J
SEE09140945PML1	9/14/2010	Fluorene	32	ug/Kg	J
SEE09161035RCM1	9/16/2010	Fluorene	31	ug/Kg	J
SEE09061105PML1	9/6/2010	Fluorene	31	ug/Kg	J
SEE08311010JRP1	8/31/2010	Fluorene	31	ug/Kg	J
SEE09291645JDF1	9/29/2010	Fluorene	30	ug/Kg	J

**TABLE B-2b**  
**Upstream Sediment Samples (Morrow Lake)**

Sample ID	Sample Date	Analyte	Result	Unit	Data
					Qualifier
SEE08271500PML1	8/27/2010	Fluorene	29	ug/kg	J
SEE08291550KAP1	8/29/2010	Fluorene	25	ug/kg	J
SEE08281505PML1	8/28/2010	Fluorene	23	ug/kg	J
SEE08281215PML1	8/28/2010	Fluorene	21	ug/kg	J
SEE08271215PML1	8/27/2010	Fluorene	21	ug/kg	J
SEF10011045TDF1	10/1/2010	Fluorene	20	ug/Kg	J
SEE08271614TWH1	8/27/2010	Fluorene	19	ug/kg	J
SEE09290915MAE1	9/29/2010	Fluorene	17	ug/Kg	J
SEE08291421KAP1	8/29/2010	Fluorene	13	ug/kg	J
SEE08291445PML1	8/29/2010	Fluorene	13	ug/kg	J
SEE08271652TWH1	8/27/2010	Fluorene	13	ug/kg	J
SEE10061135ARM1	10/6/2010	Fluorene	12	ug/Kg	J
SEE10121040ARM1	10/12/2010	Fluorene	11	ug/Kg	J
SEE10071045ARM1	10/7/2010	Fluorene	11	ug/Kg	J
SEE10011125ARM1	10/1/2010	Fluorene	11	ug/Kg	J
SEE09201110ARM1	9/20/2010	Fluorene	11	ug/Kg	J
SEE09150915JRP1	9/15/2010	Fluorene	11	ug/Kg	J
SEE08291354KAP1	8/29/2010	Fluorene	11	ug/kg	J
ML-07-S-081810	8/18/2010	Fluorene	0.37	mg/Kg	UJ
ML-06-S-082310	8/23/2010	Fluorene	0.33	mg/Kg	U
ML-04-S-081710	8/17/2010	Fluorene	0.32	mg/Kg	U
ML-04-S-082610	8/26/2010	Fluorene	0.31	mg/Kg	U
ML-10-S-081910	8/19/2010	Fluorene	0.31	mg/Kg	U
ML-10-S-081910	8/19/2010	Fluorene	0.31	mg/Kg	U
ML-09-S-081810	8/18/2010	Fluorene	0.31	mg/Kg	UJ
ML-06-S-081710	8/17/2010	Fluorene	0.31	mg/Kg	U
ML-10-S-082610	8/26/2010	Fluorene	0.30	mg/Kg	U
ML-10-S-082610	8/26/2010	Fluorene	0.30	mg/Kg	U
ML-01-S-081910	8/19/2010	Fluorene	0.27	mg/Kg	U
ML-02-S-081710	8/17/2010	Fluorene	0.24	mg/Kg	U
ML-08-S-082110	8/21/2010	Fluorene	0.17	mg/Kg	U
ML-07-S-081610	8/16/2010	Fluorene	0.17	mg/Kg	U
ML-08-S-082410	8/24/2010	Fluorene	0.16	mg/Kg	UJ
ML-06-S-082010	8/20/2010	Fluorene	0.16	mg/Kg	U
ML-09-S-082510	8/25/2010	Fluorene	0.15	mg/Kg	U
ML-10-S-082410	8/24/2010	Fluorene	0.15	mg/Kg	UJ
ML-10-S-082410	8/24/2010	Fluorene	0.15	mg/Kg	UJ
ML-09-S-082410	8/24/2010	Fluorene	0.14	mg/Kg	UJ
ML-03-S-082510	8/25/2010	Fluorene	0.069	mg/Kg	J
ML-04-S-082010	8/20/2010	Fluorene	0.060	mg/Kg	J
ML-03-S-082310	8/23/2010	Fluorene	0.056	mg/Kg	J
ML-02-S-082510	8/25/2010	Fluorene	0.051	mg/Kg	J
ML-03-S-081610	8/16/2010	Fluorene	0.050	mg/Kg	J
ML-03-S-082010	8/20/2010	Fluorene	0.046	mg/Kg	J
ML-02-S-082310	8/23/2010	Fluorene	0.045	mg/Kg	J
ML-02-S-082010	8/20/2010	Fluorene	0.045	mg/Kg	J
ML-05-S-082310	8/23/2010	Fluorene	0.040	mg/Kg	J
ML-01-S-081610	8/16/2010	Fluorene	0.037	mg/Kg	J
ML-04-S-082410	8/24/2010	Fluorene	0.034	mg/Kg	J
ML-01-S-082510	8/25/2010	Fluorene	0.033	mg/Kg	J
ML-07-S-082410	8/24/2010	Fluorene	0.031	mg/Kg	J
ML-05-S-082010	8/20/2010	Fluorene	0.031	mg/Kg	J
ML-05-S-081710	8/17/2010	Fluorene	0.031	mg/Kg	J
ML-07-S-082110	8/21/2010	Fluorene	0.030	mg/Kg	J
ML-01-S-082110	8/21/2010	Fluorene	0.026	mg/Kg	J
ML-05-S-082610	8/26/2010	Fluorene	0.024	mg/Kg	J
ML-08-S-082510	8/25/2010	Fluorene	0.023	mg/Kg	J
ML-08-S-081610	8/16/2010	Fluorene	0.023	mg/Kg	J
ML-09-S-082110	8/21/2010	Fluorene	0.022	mg/Kg	J
ML-07-S-082510	8/25/2010	Fluorene	0.021	mg/Kg	J

**TABLE B-2b**  
**Upstream Sediment Samples (Morrow Lake)**

Sample ID	Sample Date	Analyte	Result	Unit	Data Qualifier
ML-10-S-081610	8/16/2010	Fluorene	0.015	mg/Kg	J
ML-10-S-081610	8/16/2010	Fluorene	0.015	mg/Kg	J
ML-06-S-082510	8/25/2010	Fluorene	0.014	mg/Kg	J
ML-10-S-082110	8/21/2010	Fluorene	0.012	mg/Kg	J
ML-10-S-082110	8/21/2010	Fluorene	0.012	mg/Kg	J
SEE08271145RCM1	8/27/2010	Hexachlorobenzene	1600	ug/kg	U
SEE08261620RCM1	8/26/2010	Hexachlorobenzene	1400	ug/kg	U
SEE09051430PML1	9/5/2010	Hexachlorobenzene	1200	ug/Kg	U
SEE09011635PML1	9/1/2010	Hexachlorobenzene	1200	ug/Kg	U
SEE08261420RCM1	8/26/2010	Hexachlorobenzene	1200	ug/kg	U
SEE10211035JDF1	10/21/2010	Hexachlorobenzene	960	ug/Kg	UJ
SEE10191005JDF1	10/19/2010	Hexachlorobenzene	880	ug/Kg	U
SEE10211430JDF1	10/21/2010	Hexachlorobenzene	860	ug/Kg	U
SEE10221110JDF1	10/22/2010	Hexachlorobenzene	830	ug/Kg	U
SEE10221110JDF1	10/22/2010	Hexachlorobenzene	830	ug/Kg	U
SEE08281607TWH1	8/28/2010	Hexachlorobenzene	830	ug/kg	U
SEE08281630RCM1	8/28/2010	Hexachlorobenzene	830	ug/kg	U
SEE10191515JDF1	10/19/2010	Hexachlorobenzene	820	ug/Kg	U
SEE10191415JDF1	10/19/2010	Hexachlorobenzene	790	ug/Kg	U
SEE10191155JDF1	10/19/2010	Hexachlorobenzene	780	ug/Kg	U
SEE10211010JWP1	10/21/2010	Hexachlorobenzene	770	ug/Kg	U
SEE10191100JDF1	10/19/2010	Hexachlorobenzene	740	ug/Kg	U
SEE08281505PML1	8/28/2010	Hexachlorobenzene	730	ug/kg	U
SEE08271215PML1	8/27/2010	Hexachlorobenzene	720	ug/kg	U
SEE10221055DWS1	10/22/2010	Hexachlorobenzene	710	ug/Kg	U
SEE10191010JWP1	10/19/2010	Hexachlorobenzene	690	ug/Kg	U
SEE08271614TWH1	8/27/2010	Hexachlorobenzene	690	ug/kg	U
SEE08271500PML1	8/27/2010	Hexachlorobenzene	660	ug/kg	U
SEE08291110PML1	8/29/2010	Hexachlorobenzene	590	ug/kg	U
SEE08281215PML1	8/28/2010	Hexachlorobenzene	570	ug/kg	U
SEE08281420TWH1	8/28/2010	Hexachlorobenzene	570	ug/kg	U
SEE08281510TWH1	8/28/2010	Hexachlorobenzene	540	ug/kg	U
SEE08291421KAP1	8/29/2010	Hexachlorobenzene	510	ug/kg	U
SEE08271652TWH1	8/27/2010	Hexachlorobenzene	500	ug/kg	U
SEE08291550KAP1	8/29/2010	Hexachlorobenzene	410	ug/kg	U
SEE10221450DWS1	10/22/2010	Hexachlorobenzene	390	ug/Kg	U
SEE10051125PML1	10/5/2010	Hexachlorobenzene	370	ug/Kg	U
SEE09061500PML1	9/6/2010	Hexachlorobenzene	370	ug/Kg	U
SEE09021400PML1	9/2/2010	Hexachlorobenzene	370	ug/Kg	U
SEE08301130PML1	8/30/2010	Hexachlorobenzene	370	ug/Kg	U
SEE09301105JDF1	9/30/2010	Hexachlorobenzene	360	ug/Kg	U
SEE10171410JDF1	10/17/2010	Hexachlorobenzene	350	ug/Kg	U
SEE09181235PML1	9/18/2010	Hexachlorobenzene	350	ug/Kg	U
SEE09101022PML1	9/10/2010	Hexachlorobenzene	350	ug/Kg	UJ
SEE09011545PML1	9/1/2010	Hexachlorobenzene	350	ug/Kg	U
SEE10131150JDF1	10/13/2010	Hexachlorobenzene	340	ug/Kg	U
SEE10081115PML1	10/8/2010	Hexachlorobenzene	340	ug/Kg	U
SEE09301255JDF1	9/30/2010	Hexachlorobenzene	340	ug/Kg	U
SEE09231645JDF1	9/23/2010	Hexachlorobenzene	340	ug/Kg	U
SEE09141135PML1	9/14/2010	Hexachlorobenzene	340	ug/Kg	U
SEE09121105RCM1	9/12/2010	Hexachlorobenzene	340	ug/Kg	UJ
SEE09101215PML1	9/10/2010	Hexachlorobenzene	340	ug/Kg	UJ
SEE09091410RCM1	9/9/2010	Hexachlorobenzene	340	ug/Kg	U
SEE09081020RCM1	9/8/2010	Hexachlorobenzene	340	ug/Kg	U
SEE09031645MHS1	9/3/2010	Hexachlorobenzene	340	ug/Kg	U
SEE09011545MHS1	9/1/2010	Hexachlorobenzene	340	ug/Kg	U
SEE08311420PML1	8/31/2010	Hexachlorobenzene	340	ug/Kg	U
SEE08311420PML1	8/31/2010	Hexachlorobenzene	340	ug/Kg	U
SEE10211345JWP1	10/21/2010	Hexachlorobenzene	330	ug/Kg	U
SEE10091401PML1	10/9/2010	Hexachlorobenzene	330	ug/Kg	UJ



**TABLE B-2b**  
**Upstream Sediment Samples (Morrow Lake)**

Sample ID	Sample Date	Analyte	Result	Unit	Data Qualifier
SEE09121436RCM1	9/12/2010	Hexachlorobenzene	330	ug/Kg	UJ
SEE09051550MHS1	9/5/2010	Hexachlorobenzene	330	ug/Kg	U
SEE09030925PML1	9/3/2010	Hexachlorobenzene	330	ug/Kg	U
SEE08291354KAP1	8/29/2010	Hexachlorobenzene	330	ug/kg	U
SEE10181035JDF1	10/18/2010	Hexachlorobenzene	320	ug/Kg	U
SEE10091614PML1	10/9/2010	Hexachlorobenzene	320	ug/Kg	UJ
SEE10051653PML1	10/5/2010	Hexachlorobenzene	320	ug/Kg	U
SEE10041530JDF1	10/4/2010	Hexachlorobenzene	320	ug/Kg	U
SEE09291023RCM1	9/29/2010	Hexachlorobenzene	320	ug/Kg	U
SEE09231210JDF1	9/23/2010	Hexachlorobenzene	320	ug/Kg	U
SEE09141515PML1	9/14/2010	Hexachlorobenzene	320	ug/Kg	U
SEE09131026RCM1	9/13/2010	Hexachlorobenzene	320	ug/Kg	U
SEE09101625PML1	9/10/2010	Hexachlorobenzene	320	ug/Kg	UJ
SEE09061525MHS1	9/6/2010	Hexachlorobenzene	320	ug/Kg	U
SEE09051130PML1	9/5/2010	Hexachlorobenzene	320	ug/Kg	U
SEE09031100PML1	9/3/2010	Hexachlorobenzene	320	ug/Kg	U
SEE09021010PML1	9/2/2010	Hexachlorobenzene	320	ug/Kg	U
SEE08301550PML1	8/30/2010	Hexachlorobenzene	320	ug/Kg	U
SEE08301638MHS1	8/30/2010	Hexachlorobenzene	320	ug/Kg	U
SEE10181510JDF1	10/18/2010	Hexachlorobenzene	310	ug/Kg	U
SEE10181510JDF1	10/18/2010	Hexachlorobenzene	310	ug/Kg	U
SEE10171115JDF1	10/17/2010	Hexachlorobenzene	310	ug/Kg	U
SEE10141015JDF1	10/14/2010	Hexachlorobenzene	310	ug/Kg	U
SEE10101215PML1	10/10/2010	Hexachlorobenzene	310	ug/Kg	U
SEE10101215PML1	10/10/2010	Hexachlorobenzene	310	ug/Kg	U
SEE10061205PML1	10/6/2010	Hexachlorobenzene	310	ug/Kg	U
SEE10031115JDF1	10/3/2010	Hexachlorobenzene	310	ug/Kg	U
SEE10031115JDF1	10/3/2010	Hexachlorobenzene	310	ug/Kg	U
SEE09220935RCM1	9/22/2010	Hexachlorobenzene	310	ug/Kg	U
SEE09191445RCM1	9/19/2010	Hexachlorobenzene	310	ug/Kg	U
SEE09171415PML1	9/17/2010	Hexachlorobenzene	310	ug/Kg	U
SEE09161045PML1	9/16/2010	Hexachlorobenzene	310	ug/Kg	U
SEE09140945PML1	9/14/2010	Hexachlorobenzene	310	ug/Kg	U
SEE09131445RCM1	9/13/2010	Hexachlorobenzene	310	ug/Kg	U
SEE09131505PML1	9/13/2010	Hexachlorobenzene	310	ug/Kg	U
SEE09081205PML1	9/8/2010	Hexachlorobenzene	310	ug/Kg	U
SEE09071050PML1	9/7/2010	Hexachlorobenzene	310	ug/Kg	UJ
SEE08301145MHS1	8/30/2010	Hexachlorobenzene	310	ug/Kg	U
SEE10141150JDF1	10/14/2010	Hexachlorobenzene	300	ug/Kg	U
SEE10141555ARM1	10/14/2010	Hexachlorobenzene	300	ug/Kg	U
SEE10101010PML1	10/10/2010	Hexachlorobenzene	300	ug/Kg	U
SEE10081051RCM1	10/8/2010	Hexachlorobenzene	300	ug/Kg	U
SEE10061051RCM1	10/6/2010	Hexachlorobenzene	300	ug/Kg	U
SEE10041138RCM1	10/4/2010	Hexachlorobenzene	300	ug/Kg	U
SEE09261625JDF1	9/26/2010	Hexachlorobenzene	300	ug/Kg	U
SEE09261625JDF1	9/26/2010	Hexachlorobenzene	300	ug/Kg	U
SEE09251135JDF1	9/25/2010	Hexachlorobenzene	300	ug/Kg	U
SEE09200945PML1	9/20/2010	Hexachlorobenzene	300	ug/Kg	U
SEE09200945PML1	9/20/2010	Hexachlorobenzene	300	ug/Kg	U
SEE09191040PML1	9/19/2010	Hexachlorobenzene	300	ug/Kg	U
SEE09191530PML1	9/19/2010	Hexachlorobenzene	300	ug/Kg	U
SEE09181705PML1	9/18/2010	Hexachlorobenzene	300	ug/Kg	U
SEE09170839RCM1	9/17/2010	Hexachlorobenzene	300	ug/Kg	U
SEE09151145PML1	9/15/2010	Hexachlorobenzene	300	ug/Kg	U
SEE09151145PML1	9/15/2010	Hexachlorobenzene	300	ug/Kg	U
SEE09121055PML1	9/12/2010	Hexachlorobenzene	300	ug/Kg	UJ
SEE09121055PML1	9/12/2010	Hexachlorobenzene	300	ug/Kg	UJ
SEE09091005RCM1	9/9/2010	Hexachlorobenzene	300	ug/Kg	U
SEE09091515PML1	9/9/2010	Hexachlorobenzene	300	ug/Kg	U
SEE09081010PML1	9/8/2010	Hexachlorobenzene	300	ug/Kg	U

**TABLE B-2b**  
**Upstream Sediment Samples (Morrow Lake)**

Sample ID	Sample Date	Analyte	Result	Unit	Data Qualifier
SEE09061105PML1	9/6/2010	Hexachlorobenzene	300	ug/Kg	U
SEE09031140MHS1	9/3/2010	Hexachlorobenzene	300	ug/Kg	U
SEE09031650PML1	9/3/2010	Hexachlorobenzene	300	ug/Kg	U
SEE09031650PML1	9/3/2010	Hexachlorobenzene	300	ug/Kg	U
SEE08311045PML1	8/31/2010	Hexachlorobenzene	300	ug/Kg	U
SEE10181210JDF1	10/18/2010	Hexachlorobenzene	290	ug/Kg	U
SEE10161530JDF1	10/16/2010	Hexachlorobenzene	290	ug/Kg	U
SEE10150945JDF1	10/15/2010	Hexachlorobenzene	290	ug/Kg	U
SEE10141550JDF1	10/14/2010	Hexachlorobenzene	290	ug/Kg	U
SEE10141550JDF1	10/14/2010	Hexachlorobenzene	290	ug/Kg	U
SEE10120930JDF1	10/12/2010	Hexachlorobenzene	290	ug/Kg	U
SEE10121155JDF1	10/12/2010	Hexachlorobenzene	290	ug/Kg	U
SEE10081231PML1	10/8/2010	Hexachlorobenzene	290	ug/Kg	U
SEE10071042RCM1	10/7/2010	Hexachlorobenzene	290	ug/Kg	U
SEE10071101PML1	10/7/2010	Hexachlorobenzene	290	ug/Kg	U
SEE10011120JDF1	10/1/2010	Hexachlorobenzene	290	ug/Kg	U
SEE09260930RCM1	9/26/2010	Hexachlorobenzene	290	ug/Kg	U
SEE09261215JDF1	9/26/2010	Hexachlorobenzene	290	ug/Kg	U
SEE09230955RCM1	9/23/2010	Hexachlorobenzene	290	ug/Kg	U
SEE09221440JDF1	9/22/2010	Hexachlorobenzene	290	ug/Kg	U
SEE09151015PML1	9/15/2010	Hexachlorobenzene	290	ug/Kg	U
SEE09111015PML1	9/11/2010	Hexachlorobenzene	290	ug/Kg	UJ
SEE09011050PML1	9/1/2010	Hexachlorobenzene	290	ug/Kg	U
SEE10181430JWP1	10/18/2010	Hexachlorobenzene	280	ug/Kg	U
SEE10161115ARM1	10/16/2010	Hexachlorobenzene	280	ug/Kg	U
SEE10061640PML1	10/6/2010	Hexachlorobenzene	280	ug/Kg	U
SEE10061640PML1	10/6/2010	Hexachlorobenzene	280	ug/Kg	U
SEE10041150JDF1	10/4/2010	Hexachlorobenzene	280	ug/Kg	U
SEE09301205RCM1	9/30/2010	Hexachlorobenzene	280	ug/Kg	U
SEE09211155JDF1	9/21/2010	Hexachlorobenzene	280	ug/Kg	U
SEE09201115RCM1	9/20/2010	Hexachlorobenzene	280	ug/Kg	U
SEE09171445RCM1	9/17/2010	Hexachlorobenzene	280	ug/Kg	U
SEE09161035RCM1	9/16/2010	Hexachlorobenzene	280	ug/Kg	U
SEE09121450PML1	9/12/2010	Hexachlorobenzene	280	ug/Kg	UJ
SEE09040950PML1	9/4/2010	Hexachlorobenzene	280	ug/Kg	U
SEE08301520JRP1	8/30/2010	Hexachlorobenzene	280	ug/Kg	U
SEE10111125JDF1	10/11/2010	Hexachlorobenzene	270	ug/Kg	U
SEE10031425JDF1	10/3/2010	Hexachlorobenzene	270	ug/Kg	U
SEE09291035JDF1	9/29/2010	Hexachlorobenzene	270	ug/Kg	U
SEE09271130JDF1	9/27/2010	Hexachlorobenzene	270	ug/Kg	U
SEE09250905RCM1	9/25/2010	Hexachlorobenzene	270	ug/Kg	U
SEE09211530JDF1	9/21/2010	Hexachlorobenzene	270	ug/Kg	U
SEE09131125PML1	9/13/2010	Hexachlorobenzene	270	ug/Kg	U
SEE09131620PML1	9/13/2010	Hexachlorobenzene	270	ug/Kg	U
SEE09091145PML1	9/9/2010	Hexachlorobenzene	270	ug/Kg	U
SEE09091605PML1	9/9/2010	Hexachlorobenzene	270	ug/Kg	U
SEE09061130MHS1	9/6/2010	Hexachlorobenzene	270	ug/Kg	U
SEE09041350PML1	9/4/2010	Hexachlorobenzene	270	ug/Kg	U
SEE09011255PML1	9/1/2010	Hexachlorobenzene	270	ug/Kg	U
SEE08291445PML1	8/29/2010	Hexachlorobenzene	270	ug/kg	U
SEE08261445JRP1	8/26/2010	Hexachlorobenzene	270	ug/Kg	U
SEE09170945PML1	9/17/2010	Hexachlorobenzene	260	ug/Kg	U
SEE09171125PML1	9/17/2010	Hexachlorobenzene	260	ug/Kg	U
SEE09091410PML1	9/9/2010	Hexachlorobenzene	260	ug/Kg	U
SEE09051015PML1	9/5/2010	Hexachlorobenzene	260	ug/Kg	U
SEE08301445JRP1	8/30/2010	Hexachlorobenzene	260	ug/Kg	U
SEE10161055JDF1	10/16/2010	Hexachlorobenzene	250	ug/Kg	U
SEE10161415JDF1	10/16/2010	Hexachlorobenzene	250	ug/Kg	U
SEE10121415ARM1	10/12/2010	Hexachlorobenzene	250	ug/Kg	U
SEE10111011JDF1	10/11/2010	Hexachlorobenzene	250	ug/Kg	U

**TABLE B-2b**  
**Upstream Sediment Samples (Morrow Lake)**

Sample ID	Sample Date	Analyte	Result	Unit	Data Qualifier
SEE10071205PML1	10/7/2010	Hexachlorobenzene	250	ug/Kg	U
SEE10071540PML1	10/7/2010	Hexachlorobenzene	250	ug/Kg	U
SEE09211112RCM1	9/21/2010	Hexachlorobenzene	250	ug/Kg	U
SEE09201645ARM1	9/20/2010	Hexachlorobenzene	250	ug/Kg	U
SEE09130940PML1	9/13/2010	Hexachlorobenzene	250	ug/Kg	U
SEE09031115JAW1	9/3/2010	Hexachlorobenzene	250	ug/Kg	U
SEE08301015JRP1	8/30/2010	Hexachlorobenzene	250	ug/Kg	U
SEE08301530JAW1	8/30/2010	Hexachlorobenzene	250	ug/Kg	U
SEF10221050MAE3	10/22/2010	Hexachlorobenzene	240	ug/Kg	U
SEF10191135NAC3	10/19/2010	Hexachlorobenzene	240	ug/Kg	U
SEE10151055ARM1	10/15/2010	Hexachlorobenzene	240	ug/Kg	U
SEE10111350JDF1	10/11/2010	Hexachlorobenzene	240	ug/Kg	U
SEE09301255MAE1	9/30/2010	Hexachlorobenzene	240	ug/Kg	U
SEE09290925JDF1	9/29/2010	Hexachlorobenzene	240	ug/Kg	U
SEE09271515JDF1	9/27/2010	Hexachlorobenzene	240	ug/Kg	U
SEE09221105JDF1	9/22/2010	Hexachlorobenzene	240	ug/Kg	U
SEE09221615JDF1	9/22/2010	Hexachlorobenzene	240	ug/Kg	U
SEE09171530PML1	9/17/2010	Hexachlorobenzene	240	ug/Kg	U
SEE09091010PML1	9/9/2010	Hexachlorobenzene	240	ug/Kg	U
SEE09091025JRP1	9/9/2010	Hexachlorobenzene	240	ug/Kg	U
SEE09011145PML1	9/1/2010	Hexachlorobenzene	240	ug/Kg	U
SEE10121030JDF1	10/12/2010	Hexachlorobenzene	230	ug/Kg	U
SEE10040945JDF1	10/4/2010	Hexachlorobenzene	230	ug/Kg	U
SEE10041050JDF1	10/4/2010	Hexachlorobenzene	230	ug/Kg	U
SEE10041335JDF1	10/4/2010	Hexachlorobenzene	230	ug/Kg	U
SEE09271025ARM1	9/27/2010	Hexachlorobenzene	230	ug/Kg	U
SEE09231130ARM1	9/23/2010	Hexachlorobenzene	230	ug/Kg	U
SEE08271445JRP1	8/27/2010	Hexachlorobenzene	230	ug/kg	U
SEE09291645JDF1	9/29/2010	Hexachlorobenzene	220	ug/Kg	U
SEE09130955JRP1	9/13/2010	Hexachlorobenzene	220	ug/Kg	U
SEE08271536TWH1	8/27/2010	Hexachlorobenzene	220	ug/kg	U
SEE10191115JWP1	10/19/2010	Hexachlorobenzene	210	ug/Kg	U
SEE09141312RCM1	9/14/2010	Hexachlorobenzene	210	ug/Kg	U
SEB08281400JLS1	8/28/2010	Hexachlorobenzene	210	ug/kg	U
SEE08281540JRP1	8/28/2010	Hexachlorobenzene	210	ug/kg	U
SEE10151355ARM1	10/15/2010	Hexachlorobenzene	190	ug/Kg	U
SEE10071415ARM1	10/7/2010	Hexachlorobenzene	190	ug/Kg	U
SEE10041355ARM1	10/4/2010	Hexachlorobenzene	190	ug/Kg	U
SEE09291135JDF1	9/29/2010	Hexachlorobenzene	190	ug/Kg	U
SEE09090900JRP1	9/9/2010	Hexachlorobenzene	190	ug/Kg	U
SEE08311010JRP1	8/31/2010	Hexachlorobenzene	190	ug/Kg	U
SEE08311348MHS1	8/31/2010	Hexachlorobenzene	190	ug/Kg	U
SEE10170915JDF1	10/17/2010	Hexachlorobenzene	180	ug/Kg	U
SEE10071151RCM1	10/7/2010	Hexachlorobenzene	170	ug/Kg	U
SEE08300920JRP1	8/30/2010	Hexachlorobenzene	170	ug/Kg	U
SEE10141025ARM1	10/14/2010	Hexachlorobenzene	150	ug/Kg	U
SEE09051500MHS1	9/5/2010	Hexachlorobenzene	150	ug/Kg	U
SEE10091200ARM1	10/9/2010	Hexachlorobenzene	130	ug/Kg	UJ
SEE09130915JRP1	9/13/2010	Hexachlorobenzene	130	ug/Kg	U
SEE09061610JAW1	9/6/2010	Hexachlorobenzene	120	ug/Kg	U
SEE10171535ARM1	10/17/2010	Hexachlorobenzene	110	ug/Kg	U
SEE10051415ARM1	10/5/2010	Hexachlorobenzene	110	ug/Kg	U
SEE08261700JRP1	8/26/2010	Hexachlorobenzene	110	ug/Kg	U
SEE10011125ARM1	10/1/2010	Hexachlorobenzene	100	ug/Kg	U
SEE09100945RCM1	9/10/2010	Hexachlorobenzene	100	ug/Kg	UJ
SEE08301410JRP1	8/30/2010	Hexachlorobenzene	100	ug/Kg	U
SEE09211120ARM1	9/21/2010	Hexachlorobenzene	99	ug/Kg	U
SEE09201110ARM1	9/20/2010	Hexachlorobenzene	99	ug/Kg	U
SEE09171200ARM1	9/17/2010	Hexachlorobenzene	95	ug/Kg	U
SEE10081035ARM1	10/8/2010	Hexachlorobenzene	94	ug/Kg	U

**TABLE B-2b**  
**Upstream Sediment Samples (Morrow Lake)**

Sample ID	Sample Date	Analyte	Result	Unit	Data Qualifier
SEE09140945JRP1	9/14/2010	Hexachlorobenzene	94	ug/Kg	U
SEF10011045TDF1	10/1/2010	Hexachlorobenzene	93	ug/Kg	U
SEE09290915MAE1	9/29/2010	Hexachlorobenzene	93	ug/Kg	U
SEE09200911RCM1	9/20/2010	Hexachlorobenzene	93	ug/Kg	U
SEE09271500ARM1	9/27/2010	Hexachlorobenzene	91	ug/Kg	U
SEE09231205RCM1	9/23/2010	Hexachlorobenzene	91	ug/Kg	U
SEE09251235ARM1	9/25/2010	Hexachlorobenzene	90	ug/Kg	U
SEE09150915JRP1	9/15/2010	Hexachlorobenzene	90	ug/Kg	U
SEE09281445RCM1	9/28/2010	Hexachlorobenzene	89	ug/Kg	U
SEE09070930JRP1	9/7/2010	Hexachlorobenzene	89	ug/Kg	UJ
SEE08301100JRP1	8/30/2010	Hexachlorobenzene	89	ug/Kg	U
SEF10081108TDF3	10/8/2010	Hexachlorobenzene	88	ug/Kg	U
SEE10071045ARM1	10/7/2010	Hexachlorobenzene	88	ug/Kg	U
SEE10041045ARM1	10/4/2010	Hexachlorobenzene	88	ug/Kg	U
SEE10011043RCM1	10/1/2010	Hexachlorobenzene	87	ug/Kg	U
SEE09231035ARM1	9/23/2010	Hexachlorobenzene	87	ug/Kg	U
SEE09170935RCM1	9/17/2010	Hexachlorobenzene	87	ug/Kg	U
SEF10051206TDF3	10/5/2010	Hexachlorobenzene	86	ug/Kg	U
SEB09011143JLS1	9/1/2010	Hexachlorobenzene	86	ug/Kg	U
SEF10151030PMB3	10/15/2010	Hexachlorobenzene	85	ug/Kg	U
SEF10121130PMB3	10/12/2010	Hexachlorobenzene	85	ug/Kg	U
SEE09100920JRP1	9/10/2010	Hexachlorobenzene	85	ug/Kg	UJ
SEE09051500JAW1	9/5/2010	Hexachlorobenzene	85	ug/Kg	U
SEE10061135ARM1	10/6/2010	Hexachlorobenzene	83	ug/Kg	U
SEE10131035ARM1	10/13/2010	Hexachlorobenzene	82	ug/Kg	U
SEE09221045ARM1	9/22/2010	Hexachlorobenzene	82	ug/Kg	U
SEE09080930JRP1	9/8/2010	Hexachlorobenzene	82	ug/Kg	U
SEE09011515JAW1	9/1/2010	Hexachlorobenzene	82	ug/Kg	U
SEE10051145RCM1	10/5/2010	Hexachlorobenzene	81	ug/Kg	U
SEE09301025MAE1	9/30/2010	Hexachlorobenzene	81	ug/Kg	U
SEE10121040ARM1	10/12/2010	Hexachlorobenzene	79	ug/Kg	U
SEF09281139TDF1	9/28/2010	Hexachlorobenzene	78	ug/Kg	U
SEE10181030JWP1	10/18/2010	Hexachlorobenzene	75	ug/Kg	U
ML-07-S-081810	8/18/2010	Hexachlorobenzene	0.37	mg/Kg	UJ
ML-06-S-082310	8/23/2010	Hexachlorobenzene	0.33	mg/Kg	U
ML-04-S-081710	8/17/2010	Hexachlorobenzene	0.32	mg/Kg	U
ML-04-S-082610	8/26/2010	Hexachlorobenzene	0.31	mg/Kg	U
ML-03-S-082310	8/23/2010	Hexachlorobenzene	0.31	mg/Kg	U
ML-10-S-081910	8/19/2010	Hexachlorobenzene	0.31	mg/Kg	U
ML-10-S-081910	8/19/2010	Hexachlorobenzene	0.31	mg/Kg	U
ML-09-S-081810	8/18/2010	Hexachlorobenzene	0.31	mg/Kg	UJ
ML-06-S-081710	8/17/2010	Hexachlorobenzene	0.31	mg/Kg	U
ML-10-S-082610	8/26/2010	Hexachlorobenzene	0.30	mg/Kg	U
ML-10-S-082610	8/26/2010	Hexachlorobenzene	0.30	mg/Kg	U
ML-05-S-082310	8/23/2010	Hexachlorobenzene	0.28	mg/Kg	U
ML-01-S-081910	8/19/2010	Hexachlorobenzene	0.27	mg/Kg	U
ML-05-S-081710	8/17/2010	Hexachlorobenzene	0.26	mg/Kg	U
ML-02-S-082310	8/23/2010	Hexachlorobenzene	0.25	mg/Kg	U
ML-02-S-081710	8/17/2010	Hexachlorobenzene	0.24	mg/Kg	U
ML-06-S-082510	8/25/2010	Hexachlorobenzene	0.18	mg/Kg	U
ML-07-S-082410	8/24/2010	Hexachlorobenzene	0.18	mg/Kg	UJ
ML-07-S-082110	8/21/2010	Hexachlorobenzene	0.18	mg/Kg	U
ML-05-S-082610	8/26/2010	Hexachlorobenzene	0.17	mg/Kg	U
ML-07-S-082510	8/25/2010	Hexachlorobenzene	0.17	mg/Kg	U
ML-08-S-082110	8/21/2010	Hexachlorobenzene	0.17	mg/Kg	U
ML-07-S-081610	8/16/2010	Hexachlorobenzene	0.17	mg/Kg	U
ML-08-S-081610	8/16/2010	Hexachlorobenzene	0.17	mg/Kg	U
ML-08-S-082510	8/25/2010	Hexachlorobenzene	0.16	mg/Kg	U
ML-08-S-082410	8/24/2010	Hexachlorobenzene	0.16	mg/Kg	UJ
ML-06-S-082010	8/20/2010	Hexachlorobenzene	0.16	mg/Kg	U

**TABLE B-2b**  
**Upstream Sediment Samples (Morrow Lake)**

Sample ID	Sample Date	Analyte	Result	Unit	Data Qualifier
ML-01-S-081610	8/16/2010	Hexachlorobenzene	0.16	mg/Kg	U
ML-01-S-082510	8/25/2010	Hexachlorobenzene	0.15	mg/Kg	U
ML-09-S-082510	8/25/2010	Hexachlorobenzene	0.15	mg/Kg	U
ML-04-S-082410	8/24/2010	Hexachlorobenzene	0.15	mg/Kg	UJ
ML-10-S-082410	8/24/2010	Hexachlorobenzene	0.15	mg/Kg	UJ
ML-10-S-082410	8/24/2010	Hexachlorobenzene	0.15	mg/Kg	UJ
ML-09-S-082110	8/21/2010	Hexachlorobenzene	0.15	mg/Kg	U
ML-10-S-082110	8/21/2010	Hexachlorobenzene	0.15	mg/Kg	U
ML-05-S-082010	8/20/2010	Hexachlorobenzene	0.15	mg/Kg	U
ML-10-S-081610	8/16/2010	Hexachlorobenzene	0.15	mg/Kg	U
ML-10-S-081610	8/16/2010	Hexachlorobenzene	0.15	mg/Kg	U
ML-02-S-082510	8/25/2010	Hexachlorobenzene	0.14	mg/Kg	U
ML-09-S-082410	8/24/2010	Hexachlorobenzene	0.14	mg/Kg	UJ
ML-01-S-082110	8/21/2010	Hexachlorobenzene	0.14	mg/Kg	U
ML-03-S-082510	8/25/2010	Hexachlorobenzene	0.13	mg/Kg	U
ML-02-S-082010	8/20/2010	Hexachlorobenzene	0.13	mg/Kg	U
ML-03-S-082010	8/20/2010	Hexachlorobenzene	0.13	mg/Kg	U
ML-04-S-082010	8/20/2010	Hexachlorobenzene	0.13	mg/Kg	U
ML-03-S-081610	8/16/2010	Hexachlorobenzene	0.12	mg/Kg	U
SEE09051430PML1	9/5/2010	Hexachlorobutadiene	3000	ug/Kg	U
SEE09011635PML1	9/1/2010	Hexachlorobutadiene	3000	ug/Kg	U
SEE08271145RCM1	8/27/2010	Hexachlorobutadiene	1600	ug/kg	U
SEE08261620RCM1	8/26/2010	Hexachlorobutadiene	1400	ug/kg	U
SEE08261420RCM1	8/26/2010	Hexachlorobutadiene	1200	ug/kg	U
SEE10211035JDF1	10/21/2010	Hexachlorobutadiene	960	ug/Kg	UJ
SEE10051125PML1	10/5/2010	Hexachlorobutadiene	930	ug/Kg	UJ
SEE09061500PML1	9/6/2010	Hexachlorobutadiene	920	ug/Kg	U
SEE09021400PML1	9/2/2010	Hexachlorobutadiene	920	ug/Kg	U
SEE09301105JDF1	9/30/2010	Hexachlorobutadiene	910	ug/Kg	U
SEE08301130PML1	8/30/2010	Hexachlorobutadiene	910	ug/Kg	U
SEE10191005JDF1	10/19/2010	Hexachlorobutadiene	880	ug/Kg	U
SEE10171410JDF1	10/17/2010	Hexachlorobutadiene	880	ug/Kg	U
SEE09181235PML1	9/18/2010	Hexachlorobutadiene	880	ug/Kg	UJ
SEE09101022PML1	9/10/2010	Hexachlorobutadiene	880	ug/Kg	UJ
SEE09011545PML1	9/1/2010	Hexachlorobutadiene	870	ug/Kg	U
SEE10211430JDF1	10/21/2010	Hexachlorobutadiene	860	ug/Kg	U
SEE09231645JDF1	9/23/2010	Hexachlorobutadiene	860	ug/Kg	U
SEE09141135PML1	9/14/2010	Hexachlorobutadiene	860	ug/Kg	U
SEE09091410RCM1	9/9/2010	Hexachlorobutadiene	860	ug/Kg	U
SEE10081115PML1	10/8/2010	Hexachlorobutadiene	850	ug/Kg	UJ
SEE09121105RCM1	9/12/2010	Hexachlorobutadiene	850	ug/Kg	UJ
SEE09101215PML1	9/10/2010	Hexachlorobutadiene	850	ug/Kg	UJ
SEE09081020RCM1	9/8/2010	Hexachlorobutadiene	850	ug/Kg	U
SEE09031645MHS1	9/3/2010	Hexachlorobutadiene	850	ug/Kg	U
SEE09011545MHS1	9/1/2010	Hexachlorobutadiene	850	ug/Kg	U
SEE08311420PML1	8/31/2010	Hexachlorobutadiene	850	ug/Kg	U
SEE08311420PML1	8/31/2010	Hexachlorobutadiene	850	ug/Kg	U
SEE10131150JDF1	10/13/2010	Hexachlorobutadiene	840	ug/Kg	U
SEE09301255JDF1	9/30/2010	Hexachlorobutadiene	840	ug/Kg	U
SEE10221110JDF1	10/22/2010	Hexachlorobutadiene	830	ug/Kg	U
SEE10221110JDF1	10/22/2010	Hexachlorobutadiene	830	ug/Kg	U
SEE09030925PML1	9/3/2010	Hexachlorobutadiene	830	ug/Kg	U
SEE08281607TWH1	8/28/2010	Hexachlorobutadiene	830	ug/kg	U
SEE08281630RCM1	8/28/2010	Hexachlorobutadiene	830	ug/kg	U
SEE10191515JDF1	10/19/2010	Hexachlorobutadiene	820	ug/Kg	U
SEE10091401PML1	10/9/2010	Hexachlorobutadiene	820	ug/Kg	UJ
SEE09051550MHS1	9/5/2010	Hexachlorobutadiene	820	ug/Kg	U
SEE09291023RCM1	9/29/2010	Hexachlorobutadiene	810	ug/Kg	U
SEE09121436RCM1	9/12/2010	Hexachlorobutadiene	810	ug/Kg	UJ

**TABLE B-2b**  
**Upstream Sediment Samples (Morrow Lake)**

Sample ID	Sample Date	Analyte	Result	Unit	Data Qualifier
SEE09021010PML1	9/2/2010	Hexachlorobutadiene	810	ug/Kg	U
SEE10041530JDF1	10/4/2010	Hexachlorobutadiene	800	ug/Kg	U
SEE09101625PML1	9/10/2010	Hexachlorobutadiene	800	ug/Kg	UJ
SEE09061525MHS1	9/6/2010	Hexachlorobutadiene	800	ug/Kg	U
SEE09031100PML1	9/3/2010	Hexachlorobutadiene	800	ug/Kg	U
SEE08301638MHS1	8/30/2010	Hexachlorobutadiene	800	ug/Kg	U
SEE10191415JDF1	10/19/2010	Hexachlorobutadiene	790	ug/Kg	U
SEE10181035JDF1	10/18/2010	Hexachlorobutadiene	790	ug/Kg	U
SEE10091614PML1	10/9/2010	Hexachlorobutadiene	790	ug/Kg	UJ
SEE10051653PML1	10/5/2010	Hexachlorobutadiene	790	ug/Kg	UJ
SEE09231210JDF1	9/23/2010	Hexachlorobutadiene	790	ug/Kg	U
SEE09141515PML1	9/14/2010	Hexachlorobutadiene	790	ug/Kg	U
SEE09131026RCM1	9/13/2010	Hexachlorobutadiene	790	ug/Kg	U
SEE09051130PML1	9/5/2010	Hexachlorobutadiene	790	ug/Kg	U
SEE08301550PML1	8/30/2010	Hexachlorobutadiene	790	ug/Kg	U
SEE10191155JDF1	10/19/2010	Hexachlorobutadiene	780	ug/Kg	U
SEE10171115JDF1	10/17/2010	Hexachlorobutadiene	780	ug/Kg	U
SEE10141015JDF1	10/14/2010	Hexachlorobutadiene	780	ug/Kg	UJ
SEE09220935RCM1	9/22/2010	Hexachlorobutadiene	780	ug/Kg	U
SEE09191445RCM1	9/19/2010	Hexachlorobutadiene	780	ug/Kg	U
SEE09161045PML1	9/16/2010	Hexachlorobutadiene	780	ug/Kg	UJ
SEE09071050PML1	9/7/2010	Hexachlorobutadiene	780	ug/Kg	UJ
SEE10211010JWP1	10/21/2010	Hexachlorobutadiene	770	ug/Kg	U
SEE10181510JDF1	10/18/2010	Hexachlorobutadiene	770	ug/Kg	U
SEE10181510JDF1	10/18/2010	Hexachlorobutadiene	770	ug/Kg	U
SEE10061205PML1	10/6/2010	Hexachlorobutadiene	770	ug/Kg	U
SEE10031115JDF1	10/3/2010	Hexachlorobutadiene	770	ug/Kg	UJ
SEE10031115JDF1	10/3/2010	Hexachlorobutadiene	770	ug/Kg	UJ
SEE09171415PML1	9/17/2010	Hexachlorobutadiene	770	ug/Kg	UJ
SEE09140945PML1	9/14/2010	Hexachlorobutadiene	770	ug/Kg	U
SEE09131445RCM1	9/13/2010	Hexachlorobutadiene	770	ug/Kg	U
SEE09131505PML1	9/13/2010	Hexachlorobutadiene	770	ug/Kg	U
SEE08301145MHS1	8/30/2010	Hexachlorobutadiene	770	ug/Kg	U
SEE10141555ARM1	10/14/2010	Hexachlorobutadiene	760	ug/Kg	UJ
SEE10101215PML1	10/10/2010	Hexachlorobutadiene	760	ug/Kg	U
SEE10101215PML1	10/10/2010	Hexachlorobutadiene	760	ug/Kg	U
SEE09170839RCM1	9/17/2010	Hexachlorobutadiene	760	ug/Kg	UJ
SEE09081205PML1	9/8/2010	Hexachlorobutadiene	760	ug/Kg	U
SEE09031140MHS1	9/3/2010	Hexachlorobutadiene	760	ug/Kg	U
SEE10061051RCM1	10/6/2010	Hexachlorobutadiene	750	ug/Kg	U
SEE10041138RCM1	10/4/2010	Hexachlorobutadiene	750	ug/Kg	U
SEE09251135JDF1	9/25/2010	Hexachlorobutadiene	750	ug/Kg	UJ
SEE09200945PML1	9/20/2010	Hexachlorobutadiene	750	ug/Kg	U
SEE09200945PML1	9/20/2010	Hexachlorobutadiene	750	ug/Kg	U
SEE09191040PML1	9/19/2010	Hexachlorobutadiene	750	ug/Kg	U
SEE09181705PML1	9/18/2010	Hexachlorobutadiene	750	ug/Kg	UJ
SEE09091005RCM1	9/9/2010	Hexachlorobutadiene	750	ug/Kg	U
SEE09061105PML1	9/6/2010	Hexachlorobutadiene	750	ug/Kg	U
SEE09031650PML1	9/3/2010	Hexachlorobutadiene	750	ug/Kg	U
SEE09031650PML1	9/3/2010	Hexachlorobutadiene	750	ug/Kg	U
SEE10191100JDF1	10/19/2010	Hexachlorobutadiene	740	ug/Kg	U
SEE10141150JDF1	10/14/2010	Hexachlorobutadiene	740	ug/Kg	UJ
SEE10101010PML1	10/10/2010	Hexachlorobutadiene	740	ug/Kg	U
SEE10081051RCM1	10/8/2010	Hexachlorobutadiene	740	ug/Kg	UJ
SEE09261625JDF1	9/26/2010	Hexachlorobutadiene	740	ug/Kg	U
SEE09261625JDF1	9/26/2010	Hexachlorobutadiene	740	ug/Kg	U
SEE09191530PML1	9/19/2010	Hexachlorobutadiene	740	ug/Kg	U
SEE09151145PML1	9/15/2010	Hexachlorobutadiene	740	ug/Kg	U
SEE09151145PML1	9/15/2010	Hexachlorobutadiene	740	ug/Kg	U
SEE09121055PML1	9/12/2010	Hexachlorobutadiene	740	ug/Kg	UJ

**TABLE B-2b**  
**Upstream Sediment Samples (Morrow Lake)**

Sample ID	Sample Date	Analyte	Result	Unit	Data Qualifier
SEE09121055PML1	9/12/2010	Hexachlorobutadiene	740	ug/Kg	UJ
SEE09091515PML1	9/9/2010	Hexachlorobutadiene	740	ug/Kg	U
SEE09081010PML1	9/8/2010	Hexachlorobutadiene	740	ug/Kg	U
SEE08311045PML1	8/31/2010	Hexachlorobutadiene	740	ug/Kg	U
SEE10161530JDF1	10/16/2010	Hexachlorobutadiene	730	ug/Kg	U
SEE10141550JDF1	10/14/2010	Hexachlorobutadiene	730	ug/Kg	UJ
SEE10141550JDF1	10/14/2010	Hexachlorobutadiene	730	ug/Kg	UJ
SEE10121155JDF1	10/12/2010	Hexachlorobutadiene	730	ug/Kg	U
SEE10011120JDF1	10/1/2010	Hexachlorobutadiene	730	ug/Kg	UJ
SEE09260930RCM1	9/26/2010	Hexachlorobutadiene	730	ug/Kg	U
SEE09230955RCM1	9/23/2010	Hexachlorobutadiene	730	ug/Kg	U
SEE09151015PML1	9/15/2010	Hexachlorobutadiene	730	ug/Kg	U
SEE09111015PML1	9/11/2010	Hexachlorobutadiene	730	ug/Kg	UJ
SEE08281505PML1	8/28/2010	Hexachlorobutadiene	730	ug/kg	U
SEE10181210JDF1	10/18/2010	Hexachlorobutadiene	720	ug/Kg	U
SEE10150945JDF1	10/15/2010	Hexachlorobutadiene	720	ug/Kg	U
SEE10120930JDF1	10/12/2010	Hexachlorobutadiene	720	ug/Kg	U
SEE10081231PML1	10/8/2010	Hexachlorobutadiene	720	ug/Kg	UJ
SEE10071042RCM1	10/7/2010	Hexachlorobutadiene	720	ug/Kg	U
SEE10071101PML1	10/7/2010	Hexachlorobutadiene	720	ug/Kg	U
SEE09261215JDF1	9/26/2010	Hexachlorobutadiene	720	ug/Kg	U
SEE09011050PML1	9/1/2010	Hexachlorobutadiene	720	ug/Kg	U
SEE08271215PML1	8/27/2010	Hexachlorobutadiene	720	ug/kg	U
SEE10221055DWS1	10/22/2010	Hexachlorobutadiene	710	ug/Kg	U
SEE09221440JDF1	9/22/2010	Hexachlorobutadiene	710	ug/Kg	U
SEE09040950PML1	9/4/2010	Hexachlorobutadiene	710	ug/Kg	U
SEE10181430JWP1	10/18/2010	Hexachlorobutadiene	700	ug/Kg	U
SEE10161115ARM1	10/16/2010	Hexachlorobutadiene	700	ug/Kg	U
SEE10061640PML1	10/6/2010	Hexachlorobutadiene	700	ug/Kg	U
SEE10061640PML1	10/6/2010	Hexachlorobutadiene	700	ug/Kg	U
SEE09301205RCM1	9/30/2010	Hexachlorobutadiene	700	ug/Kg	U
SEE09211155JDF1	9/21/2010	Hexachlorobutadiene	700	ug/Kg	UJ
SEE09201115RCM1	9/20/2010	Hexachlorobutadiene	700	ug/Kg	U
SEE09171445RCM1	9/17/2010	Hexachlorobutadiene	700	ug/Kg	UJ
SEE09161035RCM1	9/16/2010	Hexachlorobutadiene	700	ug/Kg	UJ
SEE10191010JWP1	10/19/2010	Hexachlorobutadiene	690	ug/Kg	U
SEE10041150JDF1	10/4/2010	Hexachlorobutadiene	690	ug/Kg	U
SEE09121450PML1	9/12/2010	Hexachlorobutadiene	690	ug/Kg	UJ
SEE08301520JRP1	8/30/2010	Hexachlorobutadiene	690	ug/Kg	U
SEE08271614TWH1	8/27/2010	Hexachlorobutadiene	690	ug/kg	U
SEE10111125JDF1	10/11/2010	Hexachlorobutadiene	680	ug/Kg	U
SEE09271130JDF1	9/27/2010	Hexachlorobutadiene	680	ug/Kg	U
SEE09131620PML1	9/13/2010	Hexachlorobutadiene	680	ug/Kg	UJ
SEE09061130MHS1	9/6/2010	Hexachlorobutadiene	680	ug/Kg	U
SEE08261445JRP1	8/26/2010	Hexachlorobutadiene	680	ug/Kg	U
SEE10031425JDF1	10/3/2010	Hexachlorobutadiene	670	ug/Kg	UJ
SEE09291035JDF1	9/29/2010	Hexachlorobutadiene	670	ug/Kg	U
SEE09250905RCM1	9/25/2010	Hexachlorobutadiene	670	ug/Kg	UJ
SEE09211530JDF1	9/21/2010	Hexachlorobutadiene	670	ug/Kg	UJ
SEE09131125PML1	9/13/2010	Hexachlorobutadiene	670	ug/Kg	U
SEE09091605PML1	9/9/2010	Hexachlorobutadiene	670	ug/Kg	U
SEE09041350PML1	9/4/2010	Hexachlorobutadiene	670	ug/Kg	U
SEE09011255PML1	9/1/2010	Hexachlorobutadiene	670	ug/Kg	U
SEE09170945PML1	9/17/2010	Hexachlorobutadiene	660	ug/Kg	UJ
SEE09091145PML1	9/9/2010	Hexachlorobutadiene	660	ug/Kg	U
SEE08301445JRP1	8/30/2010	Hexachlorobutadiene	660	ug/Kg	U
SEE08271500PML1	8/27/2010	Hexachlorobutadiene	660	ug/kg	U
SEE09091410PML1	9/9/2010	Hexachlorobutadiene	650	ug/Kg	U
SEE09171125PML1	9/17/2010	Hexachlorobutadiene	640	ug/Kg	UJ
SEE09051015PML1	9/5/2010	Hexachlorobutadiene	640	ug/Kg	U

**TABLE B-2b**  
**Upstream Sediment Samples (Morrow Lake)**

Sample ID	Sample Date	Analyte	Result	Unit	Data Qualifier
SEE10161415JDF1	10/16/2010	Hexachlorobutadiene	630	ug/Kg	U
SEE10111011JDF1	10/11/2010	Hexachlorobutadiene	630	ug/Kg	U
SEE09130940PML1	9/13/2010	Hexachlorobutadiene	630	ug/Kg	U
SEE08301015JRP1	8/30/2010	Hexachlorobutadiene	630	ug/Kg	U
SEE10121415ARM1	10/12/2010	Hexachlorobutadiene	620	ug/Kg	U
SEE10071540PML1	10/7/2010	Hexachlorobutadiene	620	ug/Kg	U
SEE09031115JAW1	9/3/2010	Hexachlorobutadiene	620	ug/Kg	U
SEE08301530JAW1	8/30/2010	Hexachlorobutadiene	620	ug/Kg	U
SEE10161055JDF1	10/16/2010	Hexachlorobutadiene	610	ug/Kg	U
SEE10071205PML1	10/7/2010	Hexachlorobutadiene	610	ug/Kg	U
SEE09271515JDF1	9/27/2010	Hexachlorobutadiene	610	ug/Kg	U
SEE09211112RCM1	9/21/2010	Hexachlorobutadiene	610	ug/Kg	UJ
SEE09201645ARM1	9/20/2010	Hexachlorobutadiene	610	ug/Kg	U
SEE09171530PML1	9/17/2010	Hexachlorobutadiene	610	ug/Kg	UJ
SEE09091010PML1	9/9/2010	Hexachlorobutadiene	610	ug/Kg	U
SEE09091025JRP1	9/9/2010	Hexachlorobutadiene	610	ug/Kg	U
SEE10111350JDF1	10/11/2010	Hexachlorobutadiene	600	ug/Kg	U
SEE09290925JDF1	9/29/2010	Hexachlorobutadiene	600	ug/Kg	U
SEE09221105JDF1	9/22/2010	Hexachlorobutadiene	600	ug/Kg	U
SEE09221615JDF1	9/22/2010	Hexachlorobutadiene	600	ug/Kg	U
SEE10151055ARM1	10/15/2010	Hexachlorobutadiene	590	ug/Kg	U
SEE09301255MAE1	9/30/2010	Hexachlorobutadiene	590	ug/Kg	U
SEE09011145PML1	9/1/2010	Hexachlorobutadiene	590	ug/Kg	U
SEE08291110PML1	8/29/2010	Hexachlorobutadiene	590	ug/kg	U
SEE10041050JDF1	10/4/2010	Hexachlorobutadiene	580	ug/Kg	U
SEE09231130ARM1	9/23/2010	Hexachlorobutadiene	580	ug/Kg	U
SEE10121030JDF1	10/12/2010	Hexachlorobutadiene	570	ug/Kg	U
SEE10041335JDF1	10/4/2010	Hexachlorobutadiene	570	ug/Kg	U
SEE09271025ARM1	9/27/2010	Hexachlorobutadiene	570	ug/Kg	U
SEE08281215PML1	8/28/2010	Hexachlorobutadiene	570	ug/kg	U
SEE08281420TWH1	8/28/2010	Hexachlorobutadiene	570	ug/kg	U
SEE10040945JDF1	10/4/2010	Hexachlorobutadiene	560	ug/Kg	U
SEE09130955JRP1	9/13/2010	Hexachlorobutadiene	560	ug/Kg	U
SEE09291645JDF1	9/29/2010	Hexachlorobutadiene	550	ug/Kg	U
SEE08281510TWH1	8/28/2010	Hexachlorobutadiene	540	ug/kg	U
SEE09141312RCM1	9/14/2010	Hexachlorobutadiene	530	ug/Kg	U
SEE08291421KAP1	8/29/2010	Hexachlorobutadiene	510	ug/kg	U
SEE08271652TWH1	8/27/2010	Hexachlorobutadiene	500	ug/kg	U
SEE10151355ARM1	10/15/2010	Hexachlorobutadiene	480	ug/Kg	U
SEE10041355ARM1	10/4/2010	Hexachlorobutadiene	480	ug/Kg	U
SEE09090900JRP1	9/9/2010	Hexachlorobutadiene	470	ug/Kg	U
SEE08311010JRP1	8/31/2010	Hexachlorobutadiene	470	ug/Kg	U
SEE08311348MHS1	8/31/2010	Hexachlorobutadiene	470	ug/Kg	U
SEE10170915JDF1	10/17/2010	Hexachlorobutadiene	460	ug/Kg	U
SEE10071415ARM1	10/7/2010	Hexachlorobutadiene	460	ug/Kg	U
SEE09291135JDF1	9/29/2010	Hexachlorobutadiene	460	ug/Kg	U
SEE10071151RCM1	10/7/2010	Hexachlorobutadiene	430	ug/Kg	U
SEE08300920JRP1	8/30/2010	Hexachlorobutadiene	410	ug/Kg	U
SEE08291550KAP1	8/29/2010	Hexachlorobutadiene	410	ug/kg	U
SEE10221450DWS1	10/22/2010	Hexachlorobutadiene	390	ug/Kg	U
SEE09051500MHS1	9/5/2010	Hexachlorobutadiene	380	ug/Kg	U
SEE10141025ARM1	10/14/2010	Hexachlorobutadiene	370	ug/Kg	UJ
SEE10211345JWP1	10/21/2010	Hexachlorobutadiene	330	ug/Kg	U
SEE10091200ARM1	10/9/2010	Hexachlorobutadiene	330	ug/Kg	UJ
SEE09130915JRP1	9/13/2010	Hexachlorobutadiene	330	ug/Kg	U
SEE08291354KAP1	8/29/2010	Hexachlorobutadiene	330	ug/kg	U
SEE09061610JAW1	9/6/2010	Hexachlorobutadiene	290	ug/Kg	U
SEE10051415ARM1	10/5/2010	Hexachlorobutadiene	280	ug/Kg	UJ
SEE10171535ARM1	10/17/2010	Hexachlorobutadiene	270	ug/Kg	U
SEE08291445PML1	8/29/2010	Hexachlorobutadiene	270	ug/kg	U



**TABLE B-2b**  
**Upstream Sediment Samples (Morrow Lake)**

Sample ID	Sample Date	Analyte	Result	Unit	Data Qualifier
SEE08261700JRP1	8/26/2010	Hexachlorobutadiene	270	ug/Kg	U
SEE09100945RCM1	9/10/2010	Hexachlorobutadiene	260	ug/Kg	UJ
SEE08301410JRP1	8/30/2010	Hexachlorobutadiene	260	ug/Kg	U
SEE10011125ARM1	10/1/2010	Hexachlorobutadiene	250	ug/Kg	UJ
SEE09211120ARM1	9/21/2010	Hexachlorobutadiene	250	ug/Kg	UJ
SEE09201110ARM1	9/20/2010	Hexachlorobutadiene	250	ug/Kg	U
SEF10221050MAE3	10/22/2010	Hexachlorobutadiene	240	ug/Kg	U
SEF10191135NAC3	10/19/2010	Hexachlorobutadiene	240	ug/Kg	U
SEE10081035ARM1	10/8/2010	Hexachlorobutadiene	240	ug/Kg	UJ
SEE09171200ARM1	9/17/2010	Hexachlorobutadiene	240	ug/Kg	UJ
SEF10011045TDF1	10/1/2010	Hexachlorobutadiene	230	ug/Kg	UJ
SEE09290915MAE1	9/29/2010	Hexachlorobutadiene	230	ug/Kg	U
SEE09271500ARM1	9/27/2010	Hexachlorobutadiene	230	ug/Kg	U
SEE09231205RCM1	9/23/2010	Hexachlorobutadiene	230	ug/Kg	U
SEE09200911RCM1	9/20/2010	Hexachlorobutadiene	230	ug/Kg	U
SEE09140945JRP1	9/14/2010	Hexachlorobutadiene	230	ug/Kg	U
SEE08271445JRP1	8/27/2010	Hexachlorobutadiene	230	ug/kg	U
SEF10081108TDF3	10/8/2010	Hexachlorobutadiene	220	ug/Kg	UJ
SEE10071045ARM1	10/7/2010	Hexachlorobutadiene	220	ug/Kg	U
SEE10041045ARM1	10/4/2010	Hexachlorobutadiene	220	ug/Kg	U
SEE10011043RCM1	10/1/2010	Hexachlorobutadiene	220	ug/Kg	UJ
SEE09281445RCM1	9/28/2010	Hexachlorobutadiene	220	ug/Kg	U
SEE09251235ARM1	9/25/2010	Hexachlorobutadiene	220	ug/Kg	UJ
SEE09231035ARM1	9/23/2010	Hexachlorobutadiene	220	ug/Kg	U
SEE09170935RCM1	9/17/2010	Hexachlorobutadiene	220	ug/Kg	UJ
SEE09150915JRP1	9/15/2010	Hexachlorobutadiene	220	ug/Kg	U
SEE09070930JRP1	9/7/2010	Hexachlorobutadiene	220	ug/Kg	UJ
SEB09011143JLS1	9/1/2010	Hexachlorobutadiene	220	ug/Kg	U
SEE08301100JRP1	8/30/2010	Hexachlorobutadiene	220	ug/Kg	U
SEE08271536TWH1	8/27/2010	Hexachlorobutadiene	220	ug/kg	U
SEE10191115JWP1	10/19/2010	Hexachlorobutadiene	210	ug/Kg	U
SEF10151030PMB3	10/15/2010	Hexachlorobutadiene	210	ug/Kg	U
SEF10121130PMB3	10/12/2010	Hexachlorobutadiene	210	ug/Kg	U
SEE10061135ARM1	10/6/2010	Hexachlorobutadiene	210	ug/Kg	U
SEF10051206TDF3	10/5/2010	Hexachlorobutadiene	210	ug/Kg	UJ
SEE09100920JRP1	9/10/2010	Hexachlorobutadiene	210	ug/Kg	UJ
SEE09051500JAW1	9/5/2010	Hexachlorobutadiene	210	ug/Kg	U
SEB08281400JLS1	8/28/2010	Hexachlorobutadiene	210	ug/kg	U
SEE08281540JRP1	8/28/2010	Hexachlorobutadiene	210	ug/kg	U
SEE10131035ARM1	10/13/2010	Hexachlorobutadiene	200	ug/Kg	U
SEE10121040ARM1	10/12/2010	Hexachlorobutadiene	200	ug/Kg	U
SEE10051145RCM1	10/5/2010	Hexachlorobutadiene	200	ug/Kg	UJ
SEE09301025MAE1	9/30/2010	Hexachlorobutadiene	200	ug/Kg	U
SEF09281139TDF1	9/28/2010	Hexachlorobutadiene	200	ug/Kg	U
SEE09221045ARM1	9/22/2010	Hexachlorobutadiene	200	ug/Kg	U
SEE09080930JRP1	9/8/2010	Hexachlorobutadiene	200	ug/Kg	U
SEE09011515JAW1	9/1/2010	Hexachlorobutadiene	200	ug/Kg	U
SEE10181030JWP1	10/18/2010	Hexachlorobutadiene	190	ug/Kg	U
ML-07-S-081810	8/18/2010	Hexachlorobutadiene	0.37	mg/Kg	UJ
ML-06-S-082310	8/23/2010	Hexachlorobutadiene	0.33	mg/Kg	U
ML-04-S-081710	8/17/2010	Hexachlorobutadiene	0.32	mg/Kg	U
ML-04-S-082610	8/26/2010	Hexachlorobutadiene	0.31	mg/Kg	U
ML-03-S-082310	8/23/2010	Hexachlorobutadiene	0.31	mg/Kg	U
ML-10-S-081910	8/19/2010	Hexachlorobutadiene	0.31	mg/Kg	U
ML-10-S-081910	8/19/2010	Hexachlorobutadiene	0.31	mg/Kg	U
ML-09-S-081810	8/18/2010	Hexachlorobutadiene	0.31	mg/Kg	UJ
ML-06-S-081710	8/17/2010	Hexachlorobutadiene	0.31	mg/Kg	U
ML-10-S-082610	8/26/2010	Hexachlorobutadiene	0.30	mg/Kg	U
ML-10-S-082610	8/26/2010	Hexachlorobutadiene	0.30	mg/Kg	U
ML-05-S-082310	8/23/2010	Hexachlorobutadiene	0.28	mg/Kg	U

**TABLE B-2b**  
**Upstream Sediment Samples (Morrow Lake)**

Sample ID	Sample Date	Analyte	Result	Unit	Data Qualifier
ML-01-S-081910	8/19/2010	Hexachlorobutadiene	0.27	mg/Kg	U
ML-05-S-081710	8/17/2010	Hexachlorobutadiene	0.26	mg/Kg	U
ML-02-S-082310	8/23/2010	Hexachlorobutadiene	0.25	mg/Kg	U
ML-02-S-081710	8/17/2010	Hexachlorobutadiene	0.24	mg/Kg	U
ML-06-S-082510	8/25/2010	Hexachlorobutadiene	0.18	mg/Kg	U
ML-07-S-082410	8/24/2010	Hexachlorobutadiene	0.18	mg/Kg	UJ
ML-07-S-082110	8/21/2010	Hexachlorobutadiene	0.18	mg/Kg	U
ML-05-S-082610	8/26/2010	Hexachlorobutadiene	0.17	mg/Kg	U
ML-07-S-082510	8/25/2010	Hexachlorobutadiene	0.17	mg/Kg	U
ML-08-S-082110	8/21/2010	Hexachlorobutadiene	0.17	mg/Kg	U
ML-07-S-081610	8/16/2010	Hexachlorobutadiene	0.17	mg/Kg	U
ML-08-S-081610	8/16/2010	Hexachlorobutadiene	0.17	mg/Kg	U
ML-08-S-082510	8/25/2010	Hexachlorobutadiene	0.16	mg/Kg	U
ML-08-S-082410	8/24/2010	Hexachlorobutadiene	0.16	mg/Kg	UJ
ML-06-S-082010	8/20/2010	Hexachlorobutadiene	0.16	mg/Kg	U
ML-01-S-081610	8/16/2010	Hexachlorobutadiene	0.16	mg/Kg	U
ML-01-S-082510	8/25/2010	Hexachlorobutadiene	0.15	mg/Kg	U
ML-09-S-082510	8/25/2010	Hexachlorobutadiene	0.15	mg/Kg	U
ML-04-S-082410	8/24/2010	Hexachlorobutadiene	0.15	mg/Kg	UJ
ML-10-S-082410	8/24/2010	Hexachlorobutadiene	0.15	mg/Kg	UJ
ML-10-S-082410	8/24/2010	Hexachlorobutadiene	0.15	mg/Kg	UJ
ML-09-S-082110	8/21/2010	Hexachlorobutadiene	0.15	mg/Kg	U
ML-10-S-082110	8/21/2010	Hexachlorobutadiene	0.15	mg/Kg	U
ML-10-S-082110	8/21/2010	Hexachlorobutadiene	0.15	mg/Kg	U
ML-05-S-082010	8/20/2010	Hexachlorobutadiene	0.15	mg/Kg	U
ML-10-S-081610	8/16/2010	Hexachlorobutadiene	0.15	mg/Kg	U
ML-10-S-081610	8/16/2010	Hexachlorobutadiene	0.15	mg/Kg	U
ML-02-S-082510	8/25/2010	Hexachlorobutadiene	0.14	mg/Kg	U
ML-09-S-082410	8/24/2010	Hexachlorobutadiene	0.14	mg/Kg	UJ
ML-01-S-082110	8/21/2010	Hexachlorobutadiene	0.14	mg/Kg	U
ML-03-S-082510	8/25/2010	Hexachlorobutadiene	0.13	mg/Kg	U
ML-02-S-082010	8/20/2010	Hexachlorobutadiene	0.13	mg/Kg	U
ML-03-S-082010	8/20/2010	Hexachlorobutadiene	0.13	mg/Kg	U
ML-04-S-082010	8/20/2010	Hexachlorobutadiene	0.13	mg/Kg	U
ML-03-S-081610	8/16/2010	Hexachlorobutadiene	0.12	mg/Kg	U
SEE09051430PML1	9/5/2010	Hexachlorocyclopentadiene	12000	ug/Kg	UJ
SEE09011635PML1	9/1/2010	Hexachlorocyclopentadiene	12000	ug/Kg	UJ
SEE10051125PML1	10/5/2010	Hexachlorocyclopentadiene	3700	ug/Kg	UJ
SEE09061500PML1	9/6/2010	Hexachlorocyclopentadiene	3700	ug/Kg	UJ
SEE09021400PML1	9/2/2010	Hexachlorocyclopentadiene	3700	ug/Kg	UJ
SEE08301130PML1	8/30/2010	Hexachlorocyclopentadiene	3700	ug/Kg	UJ
SEE09301105JDF1	9/30/2010	Hexachlorocyclopentadiene	3600	ug/Kg	UJ
SEE10171410JDF1	10/17/2010	Hexachlorocyclopentadiene	3500	ug/Kg	UJ
SEE09181235PML1	9/18/2010	Hexachlorocyclopentadiene	3500	ug/Kg	UJ
SEE09101022PML1	9/10/2010	Hexachlorocyclopentadiene	3500	ug/Kg	UJ
SEE09011545PML1	9/1/2010	Hexachlorocyclopentadiene	3500	ug/Kg	UJ
SEE10131150JDF1	10/13/2010	Hexachlorocyclopentadiene	3400	ug/Kg	UJ
SEE10081115PML1	10/8/2010	Hexachlorocyclopentadiene	3400	ug/Kg	UJ
SEE09301255JDF1	9/30/2010	Hexachlorocyclopentadiene	3400	ug/Kg	UJ
SEE09231645JDF1	9/23/2010	Hexachlorocyclopentadiene	3400	ug/Kg	UJ
SEE09141135PML1	9/14/2010	Hexachlorocyclopentadiene	3400	ug/Kg	UJ
SEE09121105RCM1	9/12/2010	Hexachlorocyclopentadiene	3400	ug/Kg	UJ
SEE09101215PML1	9/10/2010	Hexachlorocyclopentadiene	3400	ug/Kg	UJ
SEE09091410RCM1	9/9/2010	Hexachlorocyclopentadiene	3400	ug/Kg	UJ
SEE09081020RCM1	9/8/2010	Hexachlorocyclopentadiene	3400	ug/Kg	UJ
SEE09031645MHS1	9/3/2010	Hexachlorocyclopentadiene	3400	ug/Kg	UJ
SEE09011545MHS1	9/1/2010	Hexachlorocyclopentadiene	3400	ug/Kg	UJ
SEE08311420PML1	8/31/2010	Hexachlorocyclopentadiene	3400	ug/Kg	U
SEE08311420PML1	8/31/2010	Hexachlorocyclopentadiene	3400	ug/Kg	U
SEE10091401PML1	10/9/2010	Hexachlorocyclopentadiene	3300	ug/Kg	UJ

**TABLE B-2b**  
**Upstream Sediment Samples (Morrow Lake)**

Sample ID	Sample Date	Analyte	Result	Unit	Data Qualifier
SEE09121436RCM1	9/12/2010	Hexachlorocyclopentadiene	3300	ug/Kg	UJ
SEE09051550MHS1	9/5/2010	Hexachlorocyclopentadiene	3300	ug/Kg	UJ
SEE09030925PML1	9/3/2010	Hexachlorocyclopentadiene	3300	ug/Kg	UJ
SEE10181035JDF1	10/18/2010	Hexachlorocyclopentadiene	3200	ug/Kg	UJ
SEE10091614PML1	10/9/2010	Hexachlorocyclopentadiene	3200	ug/Kg	UJ
SEE10051653PML1	10/5/2010	Hexachlorocyclopentadiene	3200	ug/Kg	UJ
SEE10041530JDF1	10/4/2010	Hexachlorocyclopentadiene	3200	ug/Kg	UJ
SEE09291023RCM1	9/29/2010	Hexachlorocyclopentadiene	3200	ug/Kg	UJ
SEE09231210JDF1	9/23/2010	Hexachlorocyclopentadiene	3200	ug/Kg	UJ
SEE09141515PML1	9/14/2010	Hexachlorocyclopentadiene	3200	ug/Kg	UJ
SEE09131026RCM1	9/13/2010	Hexachlorocyclopentadiene	3200	ug/Kg	UJ
SEE09101625PML1	9/10/2010	Hexachlorocyclopentadiene	3200	ug/Kg	UJ
SEE09061525MHS1	9/6/2010	Hexachlorocyclopentadiene	3200	ug/Kg	UJ
SEE09051130PML1	9/5/2010	Hexachlorocyclopentadiene	3200	ug/Kg	UJ
SEE09031100PML1	9/3/2010	Hexachlorocyclopentadiene	3200	ug/Kg	UJ
SEE09021010PML1	9/2/2010	Hexachlorocyclopentadiene	3200	ug/Kg	UJ
SEE08301550PML1	8/30/2010	Hexachlorocyclopentadiene	3200	ug/Kg	UJ
SEE08301638MHS1	8/30/2010	Hexachlorocyclopentadiene	3200	ug/Kg	UJ
SEE10181510JDF1	10/18/2010	Hexachlorocyclopentadiene	3100	ug/Kg	UJ
SEE10181510JDF1	10/18/2010	Hexachlorocyclopentadiene	3100	ug/Kg	UJ
SEE10171115JDF1	10/17/2010	Hexachlorocyclopentadiene	3100	ug/Kg	UJ
SEE10141015JDF1	10/14/2010	Hexachlorocyclopentadiene	3100	ug/Kg	UJ
SEE10101215PML1	10/10/2010	Hexachlorocyclopentadiene	3100	ug/Kg	UJ
SEE10101215PML1	10/10/2010	Hexachlorocyclopentadiene	3100	ug/Kg	UJ
SEE10061205PML1	10/6/2010	Hexachlorocyclopentadiene	3100	ug/Kg	UJ
SEE10031115JDF1	10/3/2010	Hexachlorocyclopentadiene	3100	ug/Kg	U
SEE10031115JDF1	10/3/2010	Hexachlorocyclopentadiene	3100	ug/Kg	U
SEE09220935RCM1	9/22/2010	Hexachlorocyclopentadiene	3100	ug/Kg	UJ
SEE09191445RCM1	9/19/2010	Hexachlorocyclopentadiene	3100	ug/Kg	U
SEE09171415PML1	9/17/2010	Hexachlorocyclopentadiene	3100	ug/Kg	UJ
SEE09161045PML1	9/16/2010	Hexachlorocyclopentadiene	3100	ug/Kg	UJ
SEE09140945PML1	9/14/2010	Hexachlorocyclopentadiene	3100	ug/Kg	UJ
SEE09131445RCM1	9/13/2010	Hexachlorocyclopentadiene	3100	ug/Kg	UJ
SEE09131505PML1	9/13/2010	Hexachlorocyclopentadiene	3100	ug/Kg	UJ
SEE09081205PML1	9/8/2010	Hexachlorocyclopentadiene	3100	ug/Kg	UJ
SEE09071050PML1	9/7/2010	Hexachlorocyclopentadiene	3100	ug/Kg	UJ
SEE08301145MHS1	8/30/2010	Hexachlorocyclopentadiene	3100	ug/Kg	UJ
SEE10141150JDF1	10/14/2010	Hexachlorocyclopentadiene	3000	ug/Kg	UJ
SEE10141555ARM1	10/14/2010	Hexachlorocyclopentadiene	3000	ug/Kg	UJ
SEE10101010PML1	10/10/2010	Hexachlorocyclopentadiene	3000	ug/Kg	UJ
SEE10081051RCM1	10/8/2010	Hexachlorocyclopentadiene	3000	ug/Kg	UJ
SEE10061051RCM1	10/6/2010	Hexachlorocyclopentadiene	3000	ug/Kg	UJ
SEE10041138RCM1	10/4/2010	Hexachlorocyclopentadiene	3000	ug/Kg	UJ
SEE09261625JDF1	9/26/2010	Hexachlorocyclopentadiene	3000	ug/Kg	UJ
SEE09261625JDF1	9/26/2010	Hexachlorocyclopentadiene	3000	ug/Kg	UJ
SEE09251135JDF1	9/25/2010	Hexachlorocyclopentadiene	3000	ug/Kg	UJ
SEE09200945PML1	9/20/2010	Hexachlorocyclopentadiene	3000	ug/Kg	UJ
SEE09200945PML1	9/20/2010	Hexachlorocyclopentadiene	3000	ug/Kg	UJ
SEE09191040PML1	9/19/2010	Hexachlorocyclopentadiene	3000	ug/Kg	U
SEE09191530PML1	9/19/2010	Hexachlorocyclopentadiene	3000	ug/Kg	U
SEE09181705PML1	9/18/2010	Hexachlorocyclopentadiene	3000	ug/Kg	UJ
SEE09170839RCM1	9/17/2010	Hexachlorocyclopentadiene	3000	ug/Kg	UJ
SEE09151145PML1	9/15/2010	Hexachlorocyclopentadiene	3000	ug/Kg	UJ
SEE09151145PML1	9/15/2010	Hexachlorocyclopentadiene	3000	ug/Kg	UJ
SEE09121055PML1	9/12/2010	Hexachlorocyclopentadiene	3000	ug/Kg	UJ
SEE09121055PML1	9/12/2010	Hexachlorocyclopentadiene	3000	ug/Kg	UJ
SEE09091005RCM1	9/9/2010	Hexachlorocyclopentadiene	3000	ug/Kg	UJ
SEE09091515PML1	9/9/2010	Hexachlorocyclopentadiene	3000	ug/Kg	UJ
SEE09081010PML1	9/8/2010	Hexachlorocyclopentadiene	3000	ug/Kg	UJ
SEE09061105PML1	9/6/2010	Hexachlorocyclopentadiene	3000	ug/Kg	UJ

**TABLE B-2b**  
**Upstream Sediment Samples (Morrow Lake)**

Sample ID	Sample Date	Analyte	Result	Unit	Data Qualifier
SEE09031140MHS1	9/3/2010	Hexachlorocyclopentadiene	3000	ug/Kg	UJ
SEE09031650PML1	9/3/2010	Hexachlorocyclopentadiene	3000	ug/Kg	UJ
SEE09031650PML1	9/3/2010	Hexachlorocyclopentadiene	3000	ug/Kg	UJ
SEE08311045PML1	8/31/2010	Hexachlorocyclopentadiene	3000	ug/Kg	U
SEE10181210JDF1	10/18/2010	Hexachlorocyclopentadiene	2900	ug/Kg	UJ
SEE10161530JDF1	10/16/2010	Hexachlorocyclopentadiene	2900	ug/Kg	UJ
SEE10150945JDF1	10/15/2010	Hexachlorocyclopentadiene	2900	ug/Kg	UJ
SEE10141550JDF1	10/14/2010	Hexachlorocyclopentadiene	2900	ug/Kg	UJ
SEE10141550JDF1	10/14/2010	Hexachlorocyclopentadiene	2900	ug/Kg	UJ
SEE10120930JDF1	10/12/2010	Hexachlorocyclopentadiene	2900	ug/Kg	UJ
SEE10121155JDF1	10/12/2010	Hexachlorocyclopentadiene	2900	ug/Kg	UJ
SEE10081231PML1	10/8/2010	Hexachlorocyclopentadiene	2900	ug/Kg	UJ
SEE10071042RCM1	10/7/2010	Hexachlorocyclopentadiene	2900	ug/Kg	UJ
SEE10071101PML1	10/7/2010	Hexachlorocyclopentadiene	2900	ug/Kg	UJ
SEE10011120JDF1	10/1/2010	Hexachlorocyclopentadiene	2900	ug/Kg	UJ
SEE09260930RCM1	9/26/2010	Hexachlorocyclopentadiene	2900	ug/Kg	UJ
SEE09261215JDF1	9/26/2010	Hexachlorocyclopentadiene	2900	ug/Kg	UJ
SEE09230955RCM1	9/23/2010	Hexachlorocyclopentadiene	2900	ug/Kg	UJ
SEE09221440JDF1	9/22/2010	Hexachlorocyclopentadiene	2900	ug/Kg	UJ
SEE09151015PML1	9/15/2010	Hexachlorocyclopentadiene	2900	ug/Kg	UJ
SEE09111015PML1	9/11/2010	Hexachlorocyclopentadiene	2900	ug/Kg	UJ
SEE09011050PML1	9/1/2010	Hexachlorocyclopentadiene	2900	ug/Kg	UJ
SEE10181430JWP1	10/18/2010	Hexachlorocyclopentadiene	2800	ug/Kg	UJ
SEE10161115ARM1	10/16/2010	Hexachlorocyclopentadiene	2800	ug/Kg	UJ
SEE10061640PML1	10/6/2010	Hexachlorocyclopentadiene	2800	ug/Kg	UJ
SEE10061640PML1	10/6/2010	Hexachlorocyclopentadiene	2800	ug/Kg	UJ
SEE10041150JDF1	10/4/2010	Hexachlorocyclopentadiene	2800	ug/Kg	UJ
SEE09301205RCM1	9/30/2010	Hexachlorocyclopentadiene	2800	ug/Kg	UJ
SEE09211155JDF1	9/21/2010	Hexachlorocyclopentadiene	2800	ug/Kg	UJ
SEE09201115RCM1	9/20/2010	Hexachlorocyclopentadiene	2800	ug/Kg	UJ
SEE09171445RCM1	9/17/2010	Hexachlorocyclopentadiene	2800	ug/Kg	UJ
SEE09161035RCM1	9/16/2010	Hexachlorocyclopentadiene	2800	ug/Kg	UJ
SEE09121450PML1	9/12/2010	Hexachlorocyclopentadiene	2800	ug/Kg	UJ
SEE09040950PML1	9/4/2010	Hexachlorocyclopentadiene	2800	ug/Kg	UJ
SEE08301520JRP1	8/30/2010	Hexachlorocyclopentadiene	2800	ug/Kg	UJ
SEE10111125JDF1	10/11/2010	Hexachlorocyclopentadiene	2700	ug/Kg	UJ
SEE10031425JDF1	10/3/2010	Hexachlorocyclopentadiene	2700	ug/Kg	U
SEE09291035JDF1	9/29/2010	Hexachlorocyclopentadiene	2700	ug/Kg	UJ
SEE09271130JDF1	9/27/2010	Hexachlorocyclopentadiene	2700	ug/Kg	UJ
SEE09250905RCM1	9/25/2010	Hexachlorocyclopentadiene	2700	ug/Kg	UJ
SEE09211530JDF1	9/21/2010	Hexachlorocyclopentadiene	2700	ug/Kg	UJ
SEE09131125PML1	9/13/2010	Hexachlorocyclopentadiene	2700	ug/Kg	UJ
SEE09131620PML1	9/13/2010	Hexachlorocyclopentadiene	2700	ug/Kg	UJ
SEE09091145PML1	9/9/2010	Hexachlorocyclopentadiene	2700	ug/Kg	UJ
SEE09091605PML1	9/9/2010	Hexachlorocyclopentadiene	2700	ug/Kg	UJ
SEE09061130MHS1	9/6/2010	Hexachlorocyclopentadiene	2700	ug/Kg	UJ
SEE09041350PML1	9/4/2010	Hexachlorocyclopentadiene	2700	ug/Kg	UJ
SEE09011255PML1	9/1/2010	Hexachlorocyclopentadiene	2700	ug/Kg	UJ
SEE08261445JRP1	8/26/2010	Hexachlorocyclopentadiene	2700	ug/Kg	UJ
SEE09170945PML1	9/17/2010	Hexachlorocyclopentadiene	2600	ug/Kg	UJ
SEE09171125PML1	9/17/2010	Hexachlorocyclopentadiene	2600	ug/Kg	UJ
SEE09091410PML1	9/9/2010	Hexachlorocyclopentadiene	2600	ug/Kg	UJ
SEE09051015PML1	9/5/2010	Hexachlorocyclopentadiene	2600	ug/Kg	UJ
SEE08301445JRP1	8/30/2010	Hexachlorocyclopentadiene	2600	ug/Kg	UJ
SEE10161055JDF1	10/16/2010	Hexachlorocyclopentadiene	2500	ug/Kg	UJ
SEE10161415JDF1	10/16/2010	Hexachlorocyclopentadiene	2500	ug/Kg	UJ
SEE10121415ARM1	10/12/2010	Hexachlorocyclopentadiene	2500	ug/Kg	UJ
SEE10111011JDF1	10/11/2010	Hexachlorocyclopentadiene	2500	ug/Kg	UJ
SEE10071205PML1	10/7/2010	Hexachlorocyclopentadiene	2500	ug/Kg	UJ
SEE10071540PML1	10/7/2010	Hexachlorocyclopentadiene	2500	ug/Kg	UJ

**TABLE B-2b**  
**Upstream Sediment Samples (Morrow Lake)**

Sample ID	Sample Date	Analyte	Result	Unit	Data Qualifier
SEE09211112RCM1	9/21/2010	Hexachlorocyclopentadiene	2500	ug/Kg	UJ
SEE09201645ARM1	9/20/2010	Hexachlorocyclopentadiene	2500	ug/Kg	UJ
SEE09130940PML1	9/13/2010	Hexachlorocyclopentadiene	2500	ug/Kg	UJ
SEE09031115JAW1	9/3/2010	Hexachlorocyclopentadiene	2500	ug/Kg	UJ
SEE08301015JRP1	8/30/2010	Hexachlorocyclopentadiene	2500	ug/Kg	UJ
SEE08301530JAW1	8/30/2010	Hexachlorocyclopentadiene	2500	ug/Kg	UJ
SEE10151055ARM1	10/15/2010	Hexachlorocyclopentadiene	2400	ug/Kg	UJ
SEE10111350JDF1	10/11/2010	Hexachlorocyclopentadiene	2400	ug/Kg	UJ
SEE09301255MAE1	9/30/2010	Hexachlorocyclopentadiene	2400	ug/Kg	UJ
SEE09290925JDF1	9/29/2010	Hexachlorocyclopentadiene	2400	ug/Kg	UJ
SEE09271515JDF1	9/27/2010	Hexachlorocyclopentadiene	2400	ug/Kg	UJ
SEE09221105JDF1	9/22/2010	Hexachlorocyclopentadiene	2400	ug/Kg	UJ
SEE09221615JDF1	9/22/2010	Hexachlorocyclopentadiene	2400	ug/Kg	UJ
SEE09171530PML1	9/17/2010	Hexachlorocyclopentadiene	2400	ug/Kg	UJ
SEE09091010PML1	9/9/2010	Hexachlorocyclopentadiene	2400	ug/Kg	UJ
SEE09091025JRP1	9/9/2010	Hexachlorocyclopentadiene	2400	ug/Kg	UJ
SEE09011145PML1	9/1/2010	Hexachlorocyclopentadiene	2400	ug/Kg	UJ
SEE10121030JDF1	10/12/2010	Hexachlorocyclopentadiene	2300	ug/Kg	UJ
SEE10040945JDF1	10/4/2010	Hexachlorocyclopentadiene	2300	ug/Kg	UJ
SEE10041050JDF1	10/4/2010	Hexachlorocyclopentadiene	2300	ug/Kg	UJ
SEE10041335JDF1	10/4/2010	Hexachlorocyclopentadiene	2300	ug/Kg	UJ
SEE09271025ARM1	9/27/2010	Hexachlorocyclopentadiene	2300	ug/Kg	UJ
SEE09231130ARM1	9/23/2010	Hexachlorocyclopentadiene	2300	ug/Kg	UJ
SEE09291645JDF1	9/29/2010	Hexachlorocyclopentadiene	2200	ug/Kg	UJ
SEE09130955JRP1	9/13/2010	Hexachlorocyclopentadiene	2200	ug/Kg	UJ
SEE09141312RCM1	9/14/2010	Hexachlorocyclopentadiene	2100	ug/Kg	UJ
SEE10211035JDF1	10/21/2010	Hexachlorocyclopentadiene	2000	ug/Kg	UJ
SEE10151355ARM1	10/15/2010	Hexachlorocyclopentadiene	1900	ug/Kg	UJ
SEE10071415ARM1	10/7/2010	Hexachlorocyclopentadiene	1900	ug/Kg	UJ
SEE10041355ARM1	10/4/2010	Hexachlorocyclopentadiene	1900	ug/Kg	UJ
SEE09291135JDF1	9/29/2010	Hexachlorocyclopentadiene	1900	ug/Kg	UJ
SEE09090900JRP1	9/9/2010	Hexachlorocyclopentadiene	1900	ug/Kg	UJ
SEE08311010JRP1	8/31/2010	Hexachlorocyclopentadiene	1900	ug/Kg	U
SEE08311348MHS1	8/31/2010	Hexachlorocyclopentadiene	1900	ug/Kg	U
SEE10211430JDF1	10/21/2010	Hexachlorocyclopentadiene	1800	ug/Kg	U
SEE10191005JDF1	10/19/2010	Hexachlorocyclopentadiene	1800	ug/Kg	UJ
SEE10170915JDF1	10/17/2010	Hexachlorocyclopentadiene	1800	ug/Kg	UJ
SEE10221110JDF1	10/22/2010	Hexachlorocyclopentadiene	1700	ug/Kg	U
SEE10221110JDF1	10/22/2010	Hexachlorocyclopentadiene	1700	ug/Kg	U
SEE10191515JDF1	10/19/2010	Hexachlorocyclopentadiene	1700	ug/Kg	UJ
SEE10071151RCM1	10/7/2010	Hexachlorocyclopentadiene	1700	ug/Kg	UJ
SEE08300920JRP1	8/30/2010	Hexachlorocyclopentadiene	1700	ug/Kg	UJ
SEE10211010JWP1	10/21/2010	Hexachlorocyclopentadiene	1600	ug/Kg	U
SEE10191155JDF1	10/19/2010	Hexachlorocyclopentadiene	1600	ug/Kg	UJ
SEE10191415JDF1	10/19/2010	Hexachlorocyclopentadiene	1600	ug/Kg	UJ
SEE08271145RCM1	8/27/2010	Hexachlorocyclopentadiene	1600	ug/kg	UJ
SEE10221055DWS1	10/22/2010	Hexachlorocyclopentadiene	1500	ug/Kg	U
SEE10191100JDF1	10/19/2010	Hexachlorocyclopentadiene	1500	ug/Kg	UJ
SEE10141025ARM1	10/14/2010	Hexachlorocyclopentadiene	1500	ug/Kg	UJ
SEE09051500MHS1	9/5/2010	Hexachlorocyclopentadiene	1500	ug/Kg	UJ
SEE10191010JWP1	10/19/2010	Hexachlorocyclopentadiene	1400	ug/Kg	UJ
SEE08261620RCM1	8/26/2010	Hexachlorocyclopentadiene	1400	ug/kg	U
SEE10091200ARM1	10/9/2010	Hexachlorocyclopentadiene	1300	ug/Kg	UJ
SEE09130915JRP1	9/13/2010	Hexachlorocyclopentadiene	1300	ug/Kg	UJ
SEE09061610JAW1	9/6/2010	Hexachlorocyclopentadiene	1200	ug/Kg	UJ
SEE08261420RCM1	8/26/2010	Hexachlorocyclopentadiene	1200	ug/kg	U
SEE10171535ARM1	10/17/2010	Hexachlorocyclopentadiene	1100	ug/Kg	UJ
SEE10051415ARM1	10/5/2010	Hexachlorocyclopentadiene	1100	ug/Kg	UJ
SEE08261700JRP1	8/26/2010	Hexachlorocyclopentadiene	1100	ug/Kg	UJ
SEE10011125ARM1	10/1/2010	Hexachlorocyclopentadiene	1000	ug/Kg	UJ

**TABLE B-2b**  
**Upstream Sediment Samples (Morrow Lake)**

Sample ID	Sample Date	Analyte	Result	Unit	Data Qualifier
SEE09100945RCM1	9/10/2010	Hexachlorocyclopentadiene	1000	ug/Kg	UJ
SEE08301410JRP1	8/30/2010	Hexachlorocyclopentadiene	1000	ug/Kg	UJ
SEE09211120ARM1	9/21/2010	Hexachlorocyclopentadiene	990	ug/Kg	UJ
SEE09201110ARM1	9/20/2010	Hexachlorocyclopentadiene	990	ug/Kg	UJ
SEE09171200ARM1	9/17/2010	Hexachlorocyclopentadiene	950	ug/Kg	UJ
SEE10081035ARM1	10/8/2010	Hexachlorocyclopentadiene	940	ug/Kg	UJ
SEE09140945JRP1	9/14/2010	Hexachlorocyclopentadiene	940	ug/Kg	UJ
SEF10011045TDF1	10/1/2010	Hexachlorocyclopentadiene	930	ug/Kg	UJ
SEE09290915MAE1	9/29/2010	Hexachlorocyclopentadiene	930	ug/Kg	UJ
SEE09200911RCM1	9/20/2010	Hexachlorocyclopentadiene	930	ug/Kg	UJ
SEE09271500ARM1	9/27/2010	Hexachlorocyclopentadiene	910	ug/Kg	UJ
SEE09231205RCM1	9/23/2010	Hexachlorocyclopentadiene	910	ug/Kg	UJ
SEE09251235ARM1	9/25/2010	Hexachlorocyclopentadiene	900	ug/Kg	UJ
SEE09150915JRP1	9/15/2010	Hexachlorocyclopentadiene	900	ug/Kg	UJ
SEE09281445RCM1	9/28/2010	Hexachlorocyclopentadiene	890	ug/Kg	UJ
SEE09070930JRP1	9/7/2010	Hexachlorocyclopentadiene	890	ug/Kg	UJ
SEE08301100JRP1	8/30/2010	Hexachlorocyclopentadiene	890	ug/Kg	UJ
SEF10081108TDF3	10/8/2010	Hexachlorocyclopentadiene	880	ug/Kg	UJ
SEE10071045ARM1	10/7/2010	Hexachlorocyclopentadiene	880	ug/Kg	UJ
SEE10041045ARM1	10/4/2010	Hexachlorocyclopentadiene	880	ug/Kg	UJ
SEE10011043RCM1	10/1/2010	Hexachlorocyclopentadiene	870	ug/Kg	UJ
SEE09231035ARM1	9/23/2010	Hexachlorocyclopentadiene	870	ug/Kg	UJ
SEE09170935RCM1	9/17/2010	Hexachlorocyclopentadiene	870	ug/Kg	UJ
SEF10051206TDF3	10/5/2010	Hexachlorocyclopentadiene	860	ug/Kg	UJ
SEB09011143JLS1	9/1/2010	Hexachlorocyclopentadiene	860	ug/Kg	UJ
SEF10151030PMB3	10/15/2010	Hexachlorocyclopentadiene	850	ug/Kg	UJ
SEF10121130PMB3	10/12/2010	Hexachlorocyclopentadiene	850	ug/Kg	UJ
SEE09100920JRP1	9/10/2010	Hexachlorocyclopentadiene	850	ug/Kg	UJ
SEE09051500JAW1	9/5/2010	Hexachlorocyclopentadiene	850	ug/Kg	UJ
SEE10061135ARM1	10/6/2010	Hexachlorocyclopentadiene	830	ug/Kg	UJ
SEE08281607TWH1	8/28/2010	Hexachlorocyclopentadiene	830	ug/kg	UJ
SEE08281630RCM1	8/28/2010	Hexachlorocyclopentadiene	830	ug/kg	UJ
SEE10131035ARM1	10/13/2010	Hexachlorocyclopentadiene	820	ug/Kg	UJ
SEE09221045ARM1	9/22/2010	Hexachlorocyclopentadiene	820	ug/Kg	UJ
SEE09080930JRP1	9/8/2010	Hexachlorocyclopentadiene	820	ug/Kg	UJ
SEE09011515JAW1	9/1/2010	Hexachlorocyclopentadiene	820	ug/Kg	UJ
SEE10051145RCM1	10/5/2010	Hexachlorocyclopentadiene	810	ug/Kg	UJ
SEE09301025MAE1	9/30/2010	Hexachlorocyclopentadiene	810	ug/Kg	UJ
SEE10221450DWS1	10/22/2010	Hexachlorocyclopentadiene	800	ug/Kg	U
SEE10121040ARM1	10/12/2010	Hexachlorocyclopentadiene	790	ug/Kg	UJ
SEF09281139TDF1	9/28/2010	Hexachlorocyclopentadiene	780	ug/Kg	UJ
SEE10181030JWP1	10/18/2010	Hexachlorocyclopentadiene	750	ug/Kg	UJ
SEE08281505PML1	8/28/2010	Hexachlorocyclopentadiene	730	ug/kg	UJ
SEE08271215PML1	8/27/2010	Hexachlorocyclopentadiene	720	ug/kg	UJ
SEE08271614TWH1	8/27/2010	Hexachlorocyclopentadiene	690	ug/kg	U
SEE10211345JWP1	10/21/2010	Hexachlorocyclopentadiene	680	ug/Kg	U
SEE08271500PML1	8/27/2010	Hexachlorocyclopentadiene	660	ug/kg	UJ
SEE08291110PML1	8/29/2010	Hexachlorocyclopentadiene	590	ug/kg	UJ
SEE08281215PML1	8/28/2010	Hexachlorocyclopentadiene	570	ug/kg	UJ
SEE08281420TWH1	8/28/2010	Hexachlorocyclopentadiene	570	ug/kg	UJ
SEE08281510TWH1	8/28/2010	Hexachlorocyclopentadiene	540	ug/kg	UJ
SEE08291421KAP1	8/29/2010	Hexachlorocyclopentadiene	510	ug/kg	UJ
SEF10221050MAE3	10/22/2010	Hexachlorocyclopentadiene	500	ug/Kg	UJ
SEE08271652TWH1	8/27/2010	Hexachlorocyclopentadiene	500	ug/kg	U
SEF10191135NAC3	10/19/2010	Hexachlorocyclopentadiene	490	ug/Kg	UJ
SEE10191115JWP1	10/19/2010	Hexachlorocyclopentadiene	430	ug/Kg	UJ
SEE08291550KAP1	8/29/2010	Hexachlorocyclopentadiene	410	ug/kg	UJ
SEE08291354KAP1	8/29/2010	Hexachlorocyclopentadiene	330	ug/kg	UJ
SEE08291445PML1	8/29/2010	Hexachlorocyclopentadiene	270	ug/kg	UJ
SEE08271445JRP1	8/27/2010	Hexachlorocyclopentadiene	230	ug/kg	UJ

**TABLE B-2b**  
**Upstream Sediment Samples (Morrow Lake)**

Sample ID	Sample Date	Analyte	Result	Unit	Data Qualifier
SEE08271536TWH1	8/27/2010	Hexachlorocyclopentadiene	220	ug/kg	U
SEB08281400JLS1	8/28/2010	Hexachlorocyclopentadiene	210	ug/kg	UJ
SEE08281540JRP1	8/28/2010	Hexachlorocyclopentadiene	210	ug/kg	UJ
ML-07-S-081810	8/18/2010	Hexachlorocyclopentadiene	0.37	mg/Kg	UJ
ML-06-S-082310	8/23/2010	Hexachlorocyclopentadiene	0.33	mg/Kg	U
ML-04-S-081710	8/17/2010	Hexachlorocyclopentadiene	0.32	mg/Kg	U
ML-04-S-082610	8/26/2010	Hexachlorocyclopentadiene	0.31	mg/Kg	U
ML-10-S-081910	8/19/2010	Hexachlorocyclopentadiene	0.31	mg/Kg	U
ML-10-S-081910	8/19/2010	Hexachlorocyclopentadiene	0.31	mg/Kg	U
ML-09-S-081810	8/18/2010	Hexachlorocyclopentadiene	0.31	mg/Kg	UJ
ML-06-S-081710	8/17/2010	Hexachlorocyclopentadiene	0.31	mg/Kg	U
ML-10-S-082610	8/26/2010	Hexachlorocyclopentadiene	0.30	mg/Kg	U
ML-10-S-082610	8/26/2010	Hexachlorocyclopentadiene	0.30	mg/Kg	U
ML-05-S-082310	8/23/2010	Hexachlorocyclopentadiene	0.28	mg/Kg	U
ML-01-S-081910	8/19/2010	Hexachlorocyclopentadiene	0.27	mg/Kg	U
ML-05-S-081710	8/17/2010	Hexachlorocyclopentadiene	0.26	mg/Kg	U
ML-02-S-082310	8/23/2010	Hexachlorocyclopentadiene	0.25	mg/Kg	U
ML-06-S-082510	8/25/2010	Hexachlorocyclopentadiene	0.18	mg/Kg	U
ML-07-S-082410	8/24/2010	Hexachlorocyclopentadiene	0.18	mg/Kg	UJ
ML-07-S-082110	8/21/2010	Hexachlorocyclopentadiene	0.18	mg/Kg	U
ML-05-S-082610	8/26/2010	Hexachlorocyclopentadiene	0.17	mg/Kg	U
ML-07-S-082510	8/25/2010	Hexachlorocyclopentadiene	0.17	mg/Kg	U
ML-08-S-082110	8/21/2010	Hexachlorocyclopentadiene	0.17	mg/Kg	U
ML-07-S-081610	8/16/2010	Hexachlorocyclopentadiene	0.17	mg/Kg	U
ML-08-S-081610	8/16/2010	Hexachlorocyclopentadiene	0.17	mg/Kg	U
ML-08-S-082510	8/25/2010	Hexachlorocyclopentadiene	0.16	mg/Kg	U
ML-08-S-082410	8/24/2010	Hexachlorocyclopentadiene	0.16	mg/Kg	UJ
ML-06-S-082010	8/20/2010	Hexachlorocyclopentadiene	0.16	mg/Kg	U
ML-01-S-081610	8/16/2010	Hexachlorocyclopentadiene	0.16	mg/Kg	U
ML-01-S-082510	8/25/2010	Hexachlorocyclopentadiene	0.15	mg/Kg	U
ML-09-S-082510	8/25/2010	Hexachlorocyclopentadiene	0.15	mg/Kg	U
ML-04-S-082410	8/24/2010	Hexachlorocyclopentadiene	0.15	mg/Kg	UJ
ML-10-S-082410	8/24/2010	Hexachlorocyclopentadiene	0.15	mg/Kg	UJ
ML-10-S-082410	8/24/2010	Hexachlorocyclopentadiene	0.15	mg/Kg	UJ
ML-09-S-082110	8/21/2010	Hexachlorocyclopentadiene	0.15	mg/Kg	U
ML-10-S-082110	8/21/2010	Hexachlorocyclopentadiene	0.15	mg/Kg	U
ML-10-S-082110	8/21/2010	Hexachlorocyclopentadiene	0.15	mg/Kg	U
ML-05-S-082010	8/20/2010	Hexachlorocyclopentadiene	0.15	mg/Kg	U
ML-10-S-081610	8/16/2010	Hexachlorocyclopentadiene	0.15	mg/Kg	U
ML-10-S-081610	8/16/2010	Hexachlorocyclopentadiene	0.15	mg/Kg	U
ML-02-S-082510	8/25/2010	Hexachlorocyclopentadiene	0.14	mg/Kg	U
ML-09-S-082410	8/24/2010	Hexachlorocyclopentadiene	0.14	mg/Kg	UJ
ML-01-S-082110	8/21/2010	Hexachlorocyclopentadiene	0.14	mg/Kg	U
ML-03-S-082510	8/25/2010	Hexachlorocyclopentadiene	0.13	mg/Kg	U
ML-02-S-082010	8/20/2010	Hexachlorocyclopentadiene	0.13	mg/Kg	U
ML-03-S-082010	8/20/2010	Hexachlorocyclopentadiene	0.13	mg/Kg	U
ML-04-S-082010	8/20/2010	Hexachlorocyclopentadiene	0.13	mg/Kg	U
ML-03-S-081610	8/16/2010	Hexachlorocyclopentadiene	0.12	mg/Kg	U
SEE09051430PML1	9/5/2010	Hexachloroethane	3000	ug/Kg	UJ
SEE09011635PML1	9/1/2010	Hexachloroethane	3000	ug/Kg	U
SEE08271145RCM1	8/27/2010	Hexachloroethane	1600	ug/kg	U
SEE08261620RCM1	8/26/2010	Hexachloroethane	1400	ug/kg	U
SEE08261420RCM1	8/26/2010	Hexachloroethane	1200	ug/kg	U
SEE10211035JDF1	10/21/2010	Hexachloroethane	960	ug/Kg	UJ
SEE10051125PML1	10/5/2010	Hexachloroethane	930	ug/Kg	UJ
SEE09061500PML1	9/6/2010	Hexachloroethane	920	ug/Kg	U
SEE09021400PML1	9/2/2010	Hexachloroethane	920	ug/Kg	U
SEE09301105JDF1	9/30/2010	Hexachloroethane	910	ug/Kg	UJ
SEE08301130PML1	8/30/2010	Hexachloroethane	910	ug/Kg	U
SEE10191005JDF1	10/19/2010	Hexachloroethane	880	ug/Kg	U

**TABLE B-2b**  
**Upstream Sediment Samples (Morrow Lake)**

Sample ID	Sample Date	Analyte	Result	Unit	Data Qualifier
SEE10171410JDF1	10/17/2010	Hexachloroethane	880	ug/Kg	UJ
SEE09181235PML1	9/18/2010	Hexachloroethane	880	ug/Kg	UJ
SEE09101022PML1	9/10/2010	Hexachloroethane	880	ug/Kg	UJ
SEE09011545PML1	9/1/2010	Hexachloroethane	870	ug/Kg	U
SEE10211430JDF1	10/21/2010	Hexachloroethane	860	ug/Kg	U
SEE09231645JDF1	9/23/2010	Hexachloroethane	860	ug/Kg	UJ
SEE09141135PML1	9/14/2010	Hexachloroethane	860	ug/Kg	UJ
SEE09091410RCM1	9/9/2010	Hexachloroethane	860	ug/Kg	U
SEE10081115PML1	10/8/2010	Hexachloroethane	850	ug/Kg	UJ
SEE09121105RCM1	9/12/2010	Hexachloroethane	850	ug/Kg	UJ
SEE09101215PML1	9/10/2010	Hexachloroethane	850	ug/Kg	UJ
SEE09081020RCM1	9/8/2010	Hexachloroethane	850	ug/Kg	UJ
SEE09031645MHS1	9/3/2010	Hexachloroethane	850	ug/Kg	UJ
SEE09011545MHS1	9/1/2010	Hexachloroethane	850	ug/Kg	U
SEE08311420PML1	8/31/2010	Hexachloroethane	850	ug/Kg	U
SEE08311420PML1	8/31/2010	Hexachloroethane	850	ug/Kg	U
SEE10131150JDF1	10/13/2010	Hexachloroethane	840	ug/Kg	UJ
SEE09301255JDF1	9/30/2010	Hexachloroethane	840	ug/Kg	UJ
SEE10221110JDF1	10/22/2010	Hexachloroethane	830	ug/Kg	U
SEE10221110JDF1	10/22/2010	Hexachloroethane	830	ug/Kg	U
SEE09030925PML1	9/3/2010	Hexachloroethane	830	ug/Kg	UJ
SEE08281607TWH1	8/28/2010	Hexachloroethane	830	ug/kg	UJ
SEE08281630RCM1	8/28/2010	Hexachloroethane	830	ug/kg	UJ
SEE10191515JDF1	10/19/2010	Hexachloroethane	820	ug/Kg	U
SEE10091401PML1	10/9/2010	Hexachloroethane	820	ug/Kg	UJ
SEE09051550MHS1	9/5/2010	Hexachloroethane	820	ug/Kg	UJ
SEE09291023RCM1	9/29/2010	Hexachloroethane	810	ug/Kg	UJ
SEE09121436RCM1	9/12/2010	Hexachloroethane	810	ug/Kg	UJ
SEE09021010PML1	9/2/2010	Hexachloroethane	810	ug/Kg	U
SEE10041530JDF1	10/4/2010	Hexachloroethane	800	ug/Kg	UJ
SEE09101625PML1	9/10/2010	Hexachloroethane	800	ug/Kg	UJ
SEE09061525MHS1	9/6/2010	Hexachloroethane	800	ug/Kg	U
SEE09031100PML1	9/3/2010	Hexachloroethane	800	ug/Kg	UJ
SEE08301638MHS1	8/30/2010	Hexachloroethane	800	ug/Kg	U
SEE10191415JDF1	10/19/2010	Hexachloroethane	790	ug/Kg	U
SEE10181035JDF1	10/18/2010	Hexachloroethane	790	ug/Kg	UJ
SEE10091614PML1	10/9/2010	Hexachloroethane	790	ug/Kg	UJ
SEE10051653PML1	10/5/2010	Hexachloroethane	790	ug/Kg	UJ
SEE09231210JDF1	9/23/2010	Hexachloroethane	790	ug/Kg	UJ
SEE09141515PML1	9/14/2010	Hexachloroethane	790	ug/Kg	UJ
SEE09131026RCM1	9/13/2010	Hexachloroethane	790	ug/Kg	U
SEE09051130PML1	9/5/2010	Hexachloroethane	790	ug/Kg	UJ
SEE08301550PML1	8/30/2010	Hexachloroethane	790	ug/Kg	U
SEE10191155JDF1	10/19/2010	Hexachloroethane	780	ug/Kg	U
SEE10171115JDF1	10/17/2010	Hexachloroethane	780	ug/Kg	UJ
SEE10141015JDF1	10/14/2010	Hexachloroethane	780	ug/Kg	UJ
SEE09220935RCM1	9/22/2010	Hexachloroethane	780	ug/Kg	UJ
SEE09191445RCM1	9/19/2010	Hexachloroethane	780	ug/Kg	U
SEE09161045PML1	9/16/2010	Hexachloroethane	780	ug/Kg	UJ
SEE09071050PML1	9/7/2010	Hexachloroethane	780	ug/Kg	UJ
SEE10211010JWP1	10/21/2010	Hexachloroethane	770	ug/Kg	U
SEE10181510JDF1	10/18/2010	Hexachloroethane	770	ug/Kg	UJ
SEE10181510JDF1	10/18/2010	Hexachloroethane	770	ug/Kg	UJ
SEE10061205PML1	10/6/2010	Hexachloroethane	770	ug/Kg	UJ
SEE10031115JDF1	10/3/2010	Hexachloroethane	770	ug/Kg	UJ
SEE10031115JDF1	10/3/2010	Hexachloroethane	770	ug/Kg	UJ
SEE09171415PML1	9/17/2010	Hexachloroethane	770	ug/Kg	UJ
SEE09140945PML1	9/14/2010	Hexachloroethane	770	ug/Kg	UJ
SEE09131445RCM1	9/13/2010	Hexachloroethane	770	ug/Kg	U
SEE09131505PML1	9/13/2010	Hexachloroethane	770	ug/Kg	U



**TABLE B-2b**  
**Upstream Sediment Samples (Morrow Lake)**

Sample ID	Sample Date	Analyte	Result	Unit	Data Qualifier
SEE08301145MHS1	8/30/2010	Hexachloroethane	770	ug/Kg	U
SEE10141555ARM1	10/14/2010	Hexachloroethane	760	ug/Kg	UJ
SEE10101215PML1	10/10/2010	Hexachloroethane	760	ug/Kg	UJ
SEE10101215PML1	10/10/2010	Hexachloroethane	760	ug/Kg	UJ
SEE09170839RCM1	9/17/2010	Hexachloroethane	760	ug/Kg	UJ
SEE09081205PML1	9/8/2010	Hexachloroethane	760	ug/Kg	UJ
SEE09031140MHS1	9/3/2010	Hexachloroethane	760	ug/Kg	UJ
SEE10061051RCM1	10/6/2010	Hexachloroethane	750	ug/Kg	UJ
SEE10041138RCM1	10/4/2010	Hexachloroethane	750	ug/Kg	UJ
SEE09251135JDF1	9/25/2010	Hexachloroethane	750	ug/Kg	UJ
SEE09200945PML1	9/20/2010	Hexachloroethane	750	ug/Kg	UJ
SEE09200945PML1	9/20/2010	Hexachloroethane	750	ug/Kg	UJ
SEE09191040PML1	9/19/2010	Hexachloroethane	750	ug/Kg	U
SEE09181705PML1	9/18/2010	Hexachloroethane	750	ug/Kg	UJ
SEE09091005RCM1	9/9/2010	Hexachloroethane	750	ug/Kg	U
SEE09061105PML1	9/6/2010	Hexachloroethane	750	ug/Kg	U
SEE09031650PML1	9/3/2010	Hexachloroethane	750	ug/Kg	UJ
SEE09031650PML1	9/3/2010	Hexachloroethane	750	ug/Kg	UJ
SEE10191100JDF1	10/19/2010	Hexachloroethane	740	ug/Kg	U
SEE10141150JDF1	10/14/2010	Hexachloroethane	740	ug/Kg	UJ
SEE10101010PML1	10/10/2010	Hexachloroethane	740	ug/Kg	UJ
SEE10081051RCM1	10/8/2010	Hexachloroethane	740	ug/Kg	UJ
SEE09261625JDF1	9/26/2010	Hexachloroethane	740	ug/Kg	U
SEE09261625JDF1	9/26/2010	Hexachloroethane	740	ug/Kg	U
SEE09191530PML1	9/19/2010	Hexachloroethane	740	ug/Kg	U
SEE09151145PML1	9/15/2010	Hexachloroethane	740	ug/Kg	UJ
SEE09151145PML1	9/15/2010	Hexachloroethane	740	ug/Kg	UJ
SEE09121055PML1	9/12/2010	Hexachloroethane	740	ug/Kg	UJ
SEE09121055PML1	9/12/2010	Hexachloroethane	740	ug/Kg	UJ
SEE09091515PML1	9/9/2010	Hexachloroethane	740	ug/Kg	U
SEE09081010PML1	9/8/2010	Hexachloroethane	740	ug/Kg	UJ
SEE08311045PML1	8/31/2010	Hexachloroethane	740	ug/Kg	U
SEE10161530JDF1	10/16/2010	Hexachloroethane	730	ug/Kg	UJ
SEE10141550JDF1	10/14/2010	Hexachloroethane	730	ug/Kg	UJ
SEE10141550JDF1	10/14/2010	Hexachloroethane	730	ug/Kg	UJ
SEE10121155JDF1	10/12/2010	Hexachloroethane	730	ug/Kg	UJ
SEE10011120JDF1	10/1/2010	Hexachloroethane	730	ug/Kg	UJ
SEE09260930RCM1	9/26/2010	Hexachloroethane	730	ug/Kg	U
SEE09230955RCM1	9/23/2010	Hexachloroethane	730	ug/Kg	UJ
SEE09151015PML1	9/15/2010	Hexachloroethane	730	ug/Kg	UJ
SEE09111015PML1	9/11/2010	Hexachloroethane	730	ug/Kg	UJ
SEE08281505PML1	8/28/2010	Hexachloroethane	730	ug/kg	UJ
SEE10181210JDF1	10/18/2010	Hexachloroethane	720	ug/Kg	UJ
SEE10150945JDF1	10/15/2010	Hexachloroethane	720	ug/Kg	UJ
SEE10120930JDF1	10/12/2010	Hexachloroethane	720	ug/Kg	UJ
SEE10081231PML1	10/8/2010	Hexachloroethane	720	ug/Kg	UJ
SEE10071042RCM1	10/7/2010	Hexachloroethane	720	ug/Kg	UJ
SEE10071101PML1	10/7/2010	Hexachloroethane	720	ug/Kg	UJ
SEE09261215JDF1	9/26/2010	Hexachloroethane	720	ug/Kg	U
SEE09011050PML1	9/1/2010	Hexachloroethane	720	ug/Kg	U
SEE08271215PML1	8/27/2010	Hexachloroethane	720	ug/kg	U
SEE10221055DWS1	10/22/2010	Hexachloroethane	710	ug/Kg	U
SEE09221440JDF1	9/22/2010	Hexachloroethane	710	ug/Kg	UJ
SEE09040950PML1	9/4/2010	Hexachloroethane	710	ug/Kg	U
SEE10181430JWP1	10/18/2010	Hexachloroethane	700	ug/Kg	UJ
SEE10161115ARM1	10/16/2010	Hexachloroethane	700	ug/Kg	UJ
SEE10061640PML1	10/6/2010	Hexachloroethane	700	ug/Kg	UJ
SEE10061640PML1	10/6/2010	Hexachloroethane	700	ug/Kg	UJ
SEE09301205RCM1	9/30/2010	Hexachloroethane	700	ug/Kg	UJ
SEE09211155JDF1	9/21/2010	Hexachloroethane	700	ug/Kg	UJ

**TABLE B-2b**  
**Upstream Sediment Samples (Morrow Lake)**

Sample ID	Sample Date	Analyte	Result	Unit	Data Qualifier
SEE09201115RCM1	9/20/2010	Hexachloroethane	700	ug/Kg	UJ
SEE09171445RCM1	9/17/2010	Hexachloroethane	700	ug/Kg	UJ
SEE09161035RCM1	9/16/2010	Hexachloroethane	700	ug/Kg	UJ
SEE10191010JWP1	10/19/2010	Hexachloroethane	690	ug/Kg	U
SEE10041150JDF1	10/4/2010	Hexachloroethane	690	ug/Kg	UJ
SEE09121450PML1	9/12/2010	Hexachloroethane	690	ug/Kg	UJ
SEE08301520JRP1	8/30/2010	Hexachloroethane	690	ug/Kg	U
SEE08271614TWH1	8/27/2010	Hexachloroethane	690	ug/kg	U
SEE10111125JDF1	10/11/2010	Hexachloroethane	680	ug/Kg	UJ
SEE09271130JDF1	9/27/2010	Hexachloroethane	680	ug/Kg	UJ
SEE09131620PML1	9/13/2010	Hexachloroethane	680	ug/Kg	UJ
SEE09061130MHS1	9/6/2010	Hexachloroethane	680	ug/Kg	U
SEE08261445JRP1	8/26/2010	Hexachloroethane	680	ug/Kg	U
SEE10031425JDF1	10/3/2010	Hexachloroethane	670	ug/Kg	UJ
SEE09291035JDF1	9/29/2010	Hexachloroethane	670	ug/Kg	UJ
SEE09250905RCM1	9/25/2010	Hexachloroethane	670	ug/Kg	UJ
SEE09211530JDF1	9/21/2010	Hexachloroethane	670	ug/Kg	UJ
SEE09131125PML1	9/13/2010	Hexachloroethane	670	ug/Kg	U
SEE09091605PML1	9/9/2010	Hexachloroethane	670	ug/Kg	U
SEE09041350PML1	9/4/2010	Hexachloroethane	670	ug/Kg	U
SEE09011255PML1	9/1/2010	Hexachloroethane	670	ug/Kg	U
SEE09170945PML1	9/17/2010	Hexachloroethane	660	ug/Kg	UJ
SEE09091145PML1	9/9/2010	Hexachloroethane	660	ug/Kg	U
SEE08301445JRP1	8/30/2010	Hexachloroethane	660	ug/Kg	U
SEE08271500PML1	8/27/2010	Hexachloroethane	660	ug/kg	U
SEE09091410PML1	9/9/2010	Hexachloroethane	650	ug/Kg	U
SEE09171125PML1	9/17/2010	Hexachloroethane	640	ug/Kg	UJ
SEE09051015PML1	9/5/2010	Hexachloroethane	640	ug/Kg	UJ
SEE10161415JDF1	10/16/2010	Hexachloroethane	630	ug/Kg	UJ
SEE10111011JDF1	10/11/2010	Hexachloroethane	630	ug/Kg	UJ
SEE09130940PML1	9/13/2010	Hexachloroethane	630	ug/Kg	U
SEE08301015JRP1	8/30/2010	Hexachloroethane	630	ug/Kg	U
SEE10211035JDF1	10/21/2010	Hexachloroethane	620	ug/Kg	U
SEE10121415ARM1	10/12/2010	Hexachloroethane	620	ug/Kg	UJ
SEE10071540PML1	10/7/2010	Hexachloroethane	620	ug/Kg	UJ
SEE09031115JAW1	9/3/2010	Hexachloroethane	620	ug/Kg	UJ
SEE08301530JAW1	8/30/2010	Hexachloroethane	620	ug/Kg	U
SEE10161055JDF1	10/16/2010	Hexachloroethane	610	ug/Kg	UJ
SEE10071205PML1	10/7/2010	Hexachloroethane	610	ug/Kg	UJ
SEE09271515JDF1	9/27/2010	Hexachloroethane	610	ug/Kg	UJ
SEE09211112RCM1	9/21/2010	Hexachloroethane	610	ug/Kg	UJ
SEE09201645ARM1	9/20/2010	Hexachloroethane	610	ug/Kg	UJ
SEE09171530PML1	9/17/2010	Hexachloroethane	610	ug/Kg	UJ
SEE09091010PML1	9/9/2010	Hexachloroethane	610	ug/Kg	U
SEE09091025JRP1	9/9/2010	Hexachloroethane	610	ug/Kg	U
SEE10111350JDF1	10/11/2010	Hexachloroethane	600	ug/Kg	UJ
SEE09290925JDF1	9/29/2010	Hexachloroethane	600	ug/Kg	UJ
SEE09221105JDF1	9/22/2010	Hexachloroethane	600	ug/Kg	UJ
SEE09221615JDF1	9/22/2010	Hexachloroethane	600	ug/Kg	UJ
SEE10151055ARM1	10/15/2010	Hexachloroethane	590	ug/Kg	UJ
SEE09301255MAE1	9/30/2010	Hexachloroethane	590	ug/Kg	UJ
SEE09011145PML1	9/1/2010	Hexachloroethane	590	ug/Kg	U
SEE08291110PML1	8/29/2010	Hexachloroethane	590	ug/kg	U
SEE10041050JDF1	10/4/2010	Hexachloroethane	580	ug/Kg	UJ
SEE09231130ARM1	9/23/2010	Hexachloroethane	580	ug/Kg	UJ
SEE10121030JDF1	10/12/2010	Hexachloroethane	570	ug/Kg	UJ
SEE10041335JDF1	10/4/2010	Hexachloroethane	570	ug/Kg	UJ
SEE09271025ARM1	9/27/2010	Hexachloroethane	570	ug/Kg	UJ
SEE08281215PML1	8/28/2010	Hexachloroethane	570	ug/kg	U
SEE08281420TWH1	8/28/2010	Hexachloroethane	570	ug/kg	UJ

**TABLE B-2b**  
**Upstream Sediment Samples (Morrow Lake)**

Sample ID	Sample Date	Analyte	Result	Unit	Data Qualifier
SEE10191515JDF1	10/19/2010	Hexachloroethane	560	ug/Kg	U
SEE10040945JDF1	10/4/2010	Hexachloroethane	560	ug/Kg	UJ
SEE09130955JRP1	9/13/2010	Hexachloroethane	560	ug/Kg	U
SEE09291645JDF1	9/29/2010	Hexachloroethane	550	ug/Kg	UJ
SEE10211430JDF1	10/21/2010	Hexachloroethane	540	ug/Kg	U
SEE10191005JDF1	10/19/2010	Hexachloroethane	540	ug/Kg	U
SEE08281510TWH1	8/28/2010	Hexachloroethane	540	ug/kg	UJ
SEE10221110JDF1	10/22/2010	Hexachloroethane	530	ug/Kg	U
SEE10221110JDF1	10/22/2010	Hexachloroethane	530	ug/Kg	U
SEE09141312RCM1	9/14/2010	Hexachloroethane	530	ug/Kg	UJ
SEE10191415JDF1	10/19/2010	Hexachloroethane	510	ug/Kg	U
SEE08291421KAP1	8/29/2010	Hexachloroethane	510	ug/kg	U
SEE08271652TWH1	8/27/2010	Hexachloroethane	500	ug/kg	U
SEE10191155JDF1	10/19/2010	Hexachloroethane	490	ug/Kg	U
SEE10151355ARM1	10/15/2010	Hexachloroethane	480	ug/Kg	UJ
SEE10041355ARM1	10/4/2010	Hexachloroethane	480	ug/Kg	UJ
SEE10211010JWP1	10/21/2010	Hexachloroethane	470	ug/Kg	U
SEE10191100JDF1	10/19/2010	Hexachloroethane	470	ug/Kg	U
SEE09090900JRP1	9/9/2010	Hexachloroethane	470	ug/Kg	U
SEE08311010JRP1	8/31/2010	Hexachloroethane	470	ug/Kg	U
SEE08311348MHS1	8/31/2010	Hexachloroethane	470	ug/Kg	U
SEE10170915JDF1	10/17/2010	Hexachloroethane	460	ug/Kg	UJ
SEE10071415ARM1	10/7/2010	Hexachloroethane	460	ug/Kg	UJ
SEE09291135JDF1	9/29/2010	Hexachloroethane	460	ug/Kg	UJ
SEE10221055DWS1	10/22/2010	Hexachloroethane	450	ug/Kg	U
SEE10191010JWP1	10/19/2010	Hexachloroethane	450	ug/Kg	U
SEE10071151RCM1	10/7/2010	Hexachloroethane	430	ug/Kg	UJ
SEE08300920JRP1	8/30/2010	Hexachloroethane	410	ug/Kg	U
SEE08291550KAP1	8/29/2010	Hexachloroethane	410	ug/kg	U
SEE10221450DWS1	10/22/2010	Hexachloroethane	390	ug/Kg	U
SEE09051500MHS1	9/5/2010	Hexachloroethane	380	ug/Kg	UJ
SEE10141025ARM1	10/14/2010	Hexachloroethane	370	ug/Kg	UJ
SEE10211345JWP1	10/21/2010	Hexachloroethane	330	ug/Kg	U
SEE10091200ARM1	10/9/2010	Hexachloroethane	330	ug/Kg	UJ
SEE09130915JRP1	9/13/2010	Hexachloroethane	330	ug/Kg	U
SEE08291354KAP1	8/29/2010	Hexachloroethane	330	ug/kg	U
SEE09061610JAW1	9/6/2010	Hexachloroethane	290	ug/Kg	U
SEE10051415ARM1	10/5/2010	Hexachloroethane	280	ug/Kg	UJ
SEE10171535ARM1	10/17/2010	Hexachloroethane	270	ug/Kg	UJ
SEE08291445PML1	8/29/2010	Hexachloroethane	270	ug/kg	U
SEE08261700JRP1	8/26/2010	Hexachloroethane	270	ug/Kg	U
SEE09100945RCM1	9/10/2010	Hexachloroethane	260	ug/Kg	UJ
SEE08301410JRP1	8/30/2010	Hexachloroethane	260	ug/Kg	U
SEE10011125ARM1	10/1/2010	Hexachloroethane	250	ug/Kg	UJ
SEE09211120ARM1	9/21/2010	Hexachloroethane	250	ug/Kg	UJ
SEE09201110ARM1	9/20/2010	Hexachloroethane	250	ug/Kg	UJ
SEE10221450DWS1	10/22/2010	Hexachloroethane	240	ug/Kg	U
SEF10221050MAE3	10/22/2010	Hexachloroethane	240	ug/Kg	U
SEF10191135NAC3	10/19/2010	Hexachloroethane	240	ug/Kg	U
SEE10081035ARM1	10/8/2010	Hexachloroethane	240	ug/Kg	UJ
SEE09171200ARM1	9/17/2010	Hexachloroethane	240	ug/Kg	UJ
SEF10011045TDF1	10/1/2010	Hexachloroethane	230	ug/Kg	UJ
SEE09290915MAE1	9/29/2010	Hexachloroethane	230	ug/Kg	UJ
SEE09271500ARM1	9/27/2010	Hexachloroethane	230	ug/Kg	UJ
SEE09231205RCM1	9/23/2010	Hexachloroethane	230	ug/Kg	UJ
SEE09200911RCM1	9/20/2010	Hexachloroethane	230	ug/Kg	UJ
SEE09140945JRP1	9/14/2010	Hexachloroethane	230	ug/Kg	UJ
SEE08271445JRP1	8/27/2010	Hexachloroethane	230	ug/kg	U
SEE10211345JWP1	10/21/2010	Hexachloroethane	220	ug/Kg	U
SEF10081108TDF3	10/8/2010	Hexachloroethane	220	ug/Kg	UJ

**TABLE B-2b**  
**Upstream Sediment Samples (Morrow Lake)**

Sample ID	Sample Date	Analyte	Result	Unit	Data Qualifier
SEE10071045ARM1	10/7/2010	Hexachloroethane	220	ug/Kg	UJ
SEE10041045ARM1	10/4/2010	Hexachloroethane	220	ug/Kg	UJ
SEE10011043RCM1	10/1/2010	Hexachloroethane	220	ug/Kg	UJ
SEE09281445RCM1	9/28/2010	Hexachloroethane	220	ug/Kg	UJ
SEE09251235ARM1	9/25/2010	Hexachloroethane	220	ug/Kg	UJ
SEE09231035ARM1	9/23/2010	Hexachloroethane	220	ug/Kg	UJ
SEE09170935RCM1	9/17/2010	Hexachloroethane	220	ug/Kg	UJ
SEE09150915JRP1	9/15/2010	Hexachloroethane	220	ug/Kg	UJ
SEE09070930JRP1	9/7/2010	Hexachloroethane	220	ug/Kg	UJ
SEB09011143JLS1	9/1/2010	Hexachloroethane	220	ug/Kg	U
SEE08301100JRP1	8/30/2010	Hexachloroethane	220	ug/Kg	U
SEE08271536TWH1	8/27/2010	Hexachloroethane	220	ug/kg	U
SEE10191115JWP1	10/19/2010	Hexachloroethane	210	ug/Kg	U
SEF10151030PMB3	10/15/2010	Hexachloroethane	210	ug/Kg	UJ
SEF10121130PMB3	10/12/2010	Hexachloroethane	210	ug/Kg	UJ
SEE10061135ARM1	10/6/2010	Hexachloroethane	210	ug/Kg	UJ
SEF10051206TDF3	10/5/2010	Hexachloroethane	210	ug/Kg	UJ
SEE09100920JRP1	9/10/2010	Hexachloroethane	210	ug/Kg	UJ
SEE09051500JAW1	9/5/2010	Hexachloroethane	210	ug/Kg	UJ
SEB08281400JLS1	8/28/2010	Hexachloroethane	210	ug/kg	UJ
SEE08281540JRP1	8/28/2010	Hexachloroethane	210	ug/kg	U
SEE10131035ARM1	10/13/2010	Hexachloroethane	200	ug/Kg	UJ
SEE10121040ARM1	10/12/2010	Hexachloroethane	200	ug/Kg	UJ
SEE10051145RCM1	10/5/2010	Hexachloroethane	200	ug/Kg	UJ
SEE09301025MAE1	9/30/2010	Hexachloroethane	200	ug/Kg	UJ
SEF09281139TDF1	9/28/2010	Hexachloroethane	200	ug/Kg	UJ
SEE09221045ARM1	9/22/2010	Hexachloroethane	200	ug/Kg	UJ
SEE09080930JRP1	9/8/2010	Hexachloroethane	200	ug/Kg	UJ
SEE09011515JAW1	9/1/2010	Hexachloroethane	200	ug/Kg	U
SEE10181030JWP1	10/18/2010	Hexachloroethane	190	ug/Kg	UJ
SEF10221050MAE3	10/22/2010	Hexachloroethane	150	ug/Kg	U
SEF10191135NAC3	10/19/2010	Hexachloroethane	150	ug/Kg	U
SEE10191115JWP1	10/19/2010	Hexachloroethane	130	ug/Kg	U
ML-07-S-081810	8/18/2010	Hexachloroethane	0.37	mg/Kg	UJ
ML-06-S-082310	8/23/2010	Hexachloroethane	0.33	mg/Kg	U
ML-04-S-081710	8/17/2010	Hexachloroethane	0.32	mg/Kg	U
ML-04-S-082610	8/26/2010	Hexachloroethane	0.31	mg/Kg	U
ML-03-S-082310	8/23/2010	Hexachloroethane	0.31	mg/Kg	U
ML-10-S-081910	8/19/2010	Hexachloroethane	0.31	mg/Kg	U
ML-10-S-081910	8/19/2010	Hexachloroethane	0.31	mg/Kg	U
ML-09-S-081810	8/18/2010	Hexachloroethane	0.31	mg/Kg	UJ
ML-06-S-081710	8/17/2010	Hexachloroethane	0.31	mg/Kg	U
ML-10-S-082610	8/26/2010	Hexachloroethane	0.30	mg/Kg	U
ML-10-S-082610	8/26/2010	Hexachloroethane	0.30	mg/Kg	U
ML-05-S-082310	8/23/2010	Hexachloroethane	0.28	mg/Kg	U
ML-01-S-081910	8/19/2010	Hexachloroethane	0.27	mg/Kg	U
ML-05-S-081710	8/17/2010	Hexachloroethane	0.26	mg/Kg	U
ML-02-S-082310	8/23/2010	Hexachloroethane	0.25	mg/Kg	U
ML-02-S-081710	8/17/2010	Hexachloroethane	0.24	mg/Kg	U
ML-06-S-082510	8/25/2010	Hexachloroethane	0.18	mg/Kg	U
ML-07-S-082410	8/24/2010	Hexachloroethane	0.18	mg/Kg	UJ
ML-07-S-082110	8/21/2010	Hexachloroethane	0.18	mg/Kg	U
ML-05-S-082610	8/26/2010	Hexachloroethane	0.17	mg/Kg	U
ML-07-S-082510	8/25/2010	Hexachloroethane	0.17	mg/Kg	U
ML-08-S-082110	8/21/2010	Hexachloroethane	0.17	mg/Kg	U
ML-07-S-081610	8/16/2010	Hexachloroethane	0.17	mg/Kg	U
ML-08-S-081610	8/16/2010	Hexachloroethane	0.17	mg/Kg	U
ML-08-S-082510	8/25/2010	Hexachloroethane	0.16	mg/Kg	U
ML-08-S-082410	8/24/2010	Hexachloroethane	0.16	mg/Kg	UJ
ML-06-S-082010	8/20/2010	Hexachloroethane	0.16	mg/Kg	U

**TABLE B-2b**  
**Upstream Sediment Samples (Morrow Lake)**

Sample ID	Sample Date	Analyte	Result	Unit	Data Qualifier
ML-01-S-081610	8/16/2010	Hexachloroethane	0.16	mg/Kg	U
ML-01-S-082510	8/25/2010	Hexachloroethane	0.15	mg/Kg	U
ML-09-S-082510	8/25/2010	Hexachloroethane	0.15	mg/Kg	U
ML-04-S-082410	8/24/2010	Hexachloroethane	0.15	mg/Kg	UJ
ML-10-S-082410	8/24/2010	Hexachloroethane	0.15	mg/Kg	UJ
ML-10-S-082410	8/24/2010	Hexachloroethane	0.15	mg/Kg	UJ
ML-09-S-082110	8/21/2010	Hexachloroethane	0.15	mg/Kg	U
ML-10-S-082110	8/21/2010	Hexachloroethane	0.15	mg/Kg	U
ML-05-S-082010	8/20/2010	Hexachloroethane	0.15	mg/Kg	U
ML-10-S-081610	8/16/2010	Hexachloroethane	0.15	mg/Kg	U
ML-10-S-081610	8/16/2010	Hexachloroethane	0.15	mg/Kg	U
ML-02-S-082510	8/25/2010	Hexachloroethane	0.14	mg/Kg	U
ML-09-S-082410	8/24/2010	Hexachloroethane	0.14	mg/Kg	UJ
ML-01-S-082110	8/21/2010	Hexachloroethane	0.14	mg/Kg	U
ML-03-S-082510	8/25/2010	Hexachloroethane	0.13	mg/Kg	U
ML-02-S-082010	8/20/2010	Hexachloroethane	0.13	mg/Kg	U
ML-03-S-082010	8/20/2010	Hexachloroethane	0.13	mg/Kg	U
ML-04-S-082010	8/20/2010	Hexachloroethane	0.13	mg/Kg	U
ML-03-S-081610	8/16/2010	Hexachloroethane	0.12	mg/Kg	U
SEE10041335JDF1	10/4/2010	Indeno(1,2,3-cd)pyrene	1600	ug/Kg	
SEE10031425JDF1	10/3/2010	Indeno(1,2,3-cd)pyrene	1500	ug/Kg	
SEE10071205PML1	10/7/2010	Indeno(1,2,3-cd)pyrene	1300	ug/Kg	
SEE10071540PML1	10/7/2010	Indeno(1,2,3-cd)pyrene	1200	ug/Kg	
SEE10040945JDF1	10/4/2010	Indeno(1,2,3-cd)pyrene	1200	ug/Kg	
SEE10041150JDF1	10/4/2010	Indeno(1,2,3-cd)pyrene	1200	ug/Kg	
SEE09221615JDF1	9/22/2010	Indeno(1,2,3-cd)pyrene	1200	ug/Kg	
SEE09061610JAW1	9/6/2010	Indeno(1,2,3-cd)pyrene	1200	ug/Kg	
SEE09301255MAE1	9/30/2010	Indeno(1,2,3-cd)pyrene	1100	ug/Kg	
SEE09290925JDF1	9/29/2010	Indeno(1,2,3-cd)pyrene	1100	ug/Kg	
SEE09221105JDF1	9/22/2010	Indeno(1,2,3-cd)pyrene	1100	ug/Kg	
SEE09051430PML1	9/5/2010	Indeno(1,2,3-cd)pyrene	1100	ug/Kg	
SEE09011255PML1	9/1/2010	Indeno(1,2,3-cd)pyrene	1100	ug/Kg	
SEE10071101PML1	10/7/2010	Indeno(1,2,3-cd)pyrene	1000	ug/Kg	
SEE09271515JDF1	9/27/2010	Indeno(1,2,3-cd)pyrene	1000	ug/Kg	
SEE10121030JDF1	10/12/2010	Indeno(1,2,3-cd)pyrene	990	ug/Kg	
SEE10061205PML1	10/6/2010	Indeno(1,2,3-cd)pyrene	980	ug/Kg	
SEE09131620PML1	9/13/2010	Indeno(1,2,3-cd)pyrene	980	ug/Kg	J
SEE10041050JDF1	10/4/2010	Indeno(1,2,3-cd)pyrene	970	ug/Kg	
SEE09291035JDF1	9/29/2010	Indeno(1,2,3-cd)pyrene	970	ug/Kg	
SEE09031115JAW1	9/3/2010	Indeno(1,2,3-cd)pyrene	930	ug/Kg	
SEE09011635PML1	9/1/2010	Indeno(1,2,3-cd)pyrene	930	ug/Kg	
SEE10111350JDF1	10/11/2010	Indeno(1,2,3-cd)pyrene	920	ug/Kg	
SEE09130955JRP1	9/13/2010	Indeno(1,2,3-cd)pyrene	910	ug/Kg	
SEE09121450PML1	9/12/2010	Indeno(1,2,3-cd)pyrene	900	ug/Kg	J
SEE10041355ARM1	10/4/2010	Indeno(1,2,3-cd)pyrene	890	ug/Kg	
SEE09161045PML1	9/16/2010	Indeno(1,2,3-cd)pyrene	890	ug/Kg	
SEE10170915JDF1	10/17/2010	Indeno(1,2,3-cd)pyrene	880	ug/Kg	
SEE09051015PML1	9/5/2010	Indeno(1,2,3-cd)pyrene	880	ug/Kg	
SEE09171125PML1	9/17/2010	Indeno(1,2,3-cd)pyrene	860	ug/Kg	
SEE09011545PML1	9/1/2010	Indeno(1,2,3-cd)pyrene	850	ug/Kg	
SEE09301255JDF1	9/30/2010	Indeno(1,2,3-cd)pyrene	840	ug/Kg	
SEE09221440JDF1	9/22/2010	Indeno(1,2,3-cd)pyrene	840	ug/Kg	
SEE09131125PML1	9/13/2010	Indeno(1,2,3-cd)pyrene	840	ug/Kg	
SEE09091605PML1	9/9/2010	Indeno(1,2,3-cd)pyrene	800	ug/Kg	
SEE10111125JDF1	10/11/2010	Indeno(1,2,3-cd)pyrene	780	ug/Kg	
SEE09301105JDF1	9/30/2010	Indeno(1,2,3-cd)pyrene	770	ug/Kg	
SEE09171530PML1	9/17/2010	Indeno(1,2,3-cd)pyrene	770	ug/Kg	
SEE10120930JDF1	10/12/2010	Indeno(1,2,3-cd)pyrene	760	ug/Kg	
SEE10111011JDF1	10/11/2010	Indeno(1,2,3-cd)pyrene	750	ug/Kg	

**TABLE B-2b**  
**Upstream Sediment Samples (Morrow Lake)**

Sample ID	Sample Date	Analyte	Result	Unit	Data Qualifier
SEE09091515PML1	9/9/2010	Indeno(1,2,3-cd)pyrene	750	ug/Kg	
SEE10051125PML1	10/5/2010	Indeno(1,2,3-cd)pyrene	730	ug/Kg	
SEE09041350PML1	9/4/2010	Indeno(1,2,3-cd)pyrene	730	ug/Kg	
SEE09011145PML1	9/1/2010	Indeno(1,2,3-cd)pyrene	730	ug/Kg	
SEE10171535ARM1	10/17/2010	Indeno(1,2,3-cd)pyrene	720	ug/Kg	
SEE09131505PML1	9/13/2010	Indeno(1,2,3-cd)pyrene	720	ug/Kg	
SEE08301530JAW1	8/30/2010	Indeno(1,2,3-cd)pyrene	720	ug/Kg	
SEE09291135JDF1	9/29/2010	Indeno(1,2,3-cd)pyrene	710	ug/Kg	
SEE09171415PML1	9/17/2010	Indeno(1,2,3-cd)pyrene	700	ug/Kg	
SEE09091025JRP1	9/9/2010	Indeno(1,2,3-cd)pyrene	700	ug/Kg	
SEE09051130PML1	9/5/2010	Indeno(1,2,3-cd)pyrene	700	ug/Kg	
SEE10081231PML1	10/8/2010	Indeno(1,2,3-cd)pyrene	670	ug/Kg	
SEE09011050PML1	9/1/2010	Indeno(1,2,3-cd)pyrene	670	ug/Kg	
SEE09130940PML1	9/13/2010	Indeno(1,2,3-cd)pyrene	660	ug/Kg	
SEE10071415ARM1	10/7/2010	Indeno(1,2,3-cd)pyrene	650	ug/Kg	
SEE09201645ARM1	9/20/2010	Indeno(1,2,3-cd)pyrene	650	ug/Kg	
SEE09211155JDF1	9/21/2010	Indeno(1,2,3-cd)pyrene	640	ug/Kg	
SEE09211530JDF1	9/21/2010	Indeno(1,2,3-cd)pyrene	640	ug/Kg	
SEE10061051RCM1	10/6/2010	Indeno(1,2,3-cd)pyrene	630	ug/Kg	
SEE10051653PML1	10/5/2010	Indeno(1,2,3-cd)pyrene	630	ug/Kg	
SEE09271025ARM1	9/27/2010	Indeno(1,2,3-cd)pyrene	630	ug/Kg	
SEE10171410JDF1	10/17/2010	Indeno(1,2,3-cd)pyrene	610	ug/Kg	
SEE09091145PML1	9/9/2010	Indeno(1,2,3-cd)pyrene	600	ug/Kg	
SEE09011545MHS1	9/1/2010	Indeno(1,2,3-cd)pyrene	600	ug/Kg	
SEE10091200ARM1	10/9/2010	Indeno(1,2,3-cd)pyrene	590	ug/Kg	J
SEE09251135JDF1	9/25/2010	Indeno(1,2,3-cd)pyrene	590	ug/Kg	
SEE09091410PML1	9/9/2010	Indeno(1,2,3-cd)pyrene	590	ug/Kg	
SEE09170945PML1	9/17/2010	Indeno(1,2,3-cd)pyrene	580	ug/Kg	
SEE09231130ARM1	9/23/2010	Indeno(1,2,3-cd)pyrene	570	ug/Kg	
SEE09061500PML1	9/6/2010	Indeno(1,2,3-cd)pyrene	570	ug/Kg	
SEE09021400PML1	9/2/2010	Indeno(1,2,3-cd)pyrene	570	ug/Kg	
SEE09260930RCM1	9/26/2010	Indeno(1,2,3-cd)pyrene	560	ug/Kg	
SEE09040950PML1	9/4/2010	Indeno(1,2,3-cd)pyrene	560	ug/Kg	
SEE08301145MHS1	8/30/2010	Indeno(1,2,3-cd)pyrene	560	ug/Kg	
SEE10181035JDF1	10/18/2010	Indeno(1,2,3-cd)pyrene	550	ug/Kg	
SEE10131150JDF1	10/13/2010	Indeno(1,2,3-cd)pyrene	550	ug/Kg	
SEE10041530JDF1	10/4/2010	Indeno(1,2,3-cd)pyrene	550	ug/Kg	
SEE10031115JDF1	10/3/2010	Indeno(1,2,3-cd)pyrene	550	ug/Kg	
SEE10031115JDF1	10/3/2010	Indeno(1,2,3-cd)pyrene	550	ug/Kg	
SEE09081020RCM1	9/8/2010	Indeno(1,2,3-cd)pyrene	550	ug/Kg	
SEE09031645MHS1	9/3/2010	Indeno(1,2,3-cd)pyrene	540	ug/Kg	
SEE10171115JDF1	10/17/2010	Indeno(1,2,3-cd)pyrene	530	ug/Kg	
SEE10121415ARM1	10/12/2010	Indeno(1,2,3-cd)pyrene	530	ug/Kg	
SEE10091401PML1	10/9/2010	Indeno(1,2,3-cd)pyrene	530	ug/Kg	J
SEE09291023RCM1	9/29/2010	Indeno(1,2,3-cd)pyrene	520	ug/Kg	
SEE09250905RCM1	9/25/2010	Indeno(1,2,3-cd)pyrene	520	ug/Kg	
SEE09121055PML1	9/12/2010	Indeno(1,2,3-cd)pyrene	520	ug/Kg	J
SEE09121055PML1	9/12/2010	Indeno(1,2,3-cd)pyrene	520	ug/Kg	J
SEE08301015JRP1	8/30/2010	Indeno(1,2,3-cd)pyrene	520	ug/Kg	
SEE08301638MHS1	8/30/2010	Indeno(1,2,3-cd)pyrene	520	ug/Kg	
SEE09091010PML1	9/9/2010	Indeno(1,2,3-cd)pyrene	500	ug/Kg	
SEE09061525MHS1	9/6/2010	Indeno(1,2,3-cd)pyrene	500	ug/Kg	
SEE10071042RCM1	10/7/2010	Indeno(1,2,3-cd)pyrene	490	ug/Kg	
SEE09191445RCM1	9/19/2010	Indeno(1,2,3-cd)pyrene	490	ug/Kg	
SEE09141135PML1	9/14/2010	Indeno(1,2,3-cd)pyrene	490	ug/Kg	
SEE09121436RCM1	9/12/2010	Indeno(1,2,3-cd)pyrene	490	ug/Kg	J
SEE09030925PML1	9/3/2010	Indeno(1,2,3-cd)pyrene	490	ug/Kg	
SEE08271500PML1	8/27/2010	Indeno(1,2,3-cd)pyrene	490	ug/kg	J
SEE10101215PML1	10/10/2010	Indeno(1,2,3-cd)pyrene	480	ug/Kg	
SEE10101215PML1	10/10/2010	Indeno(1,2,3-cd)pyrene	480	ug/Kg	

**TABLE B-2b**  
**Upstream Sediment Samples (Morrow Lake)**

Sample ID	Sample Date	Analyte	Result	Unit	Data Qualifier
SEE09051550MHS1	9/5/2010	Indeno(1,2,3-cd)pyrene	480	ug/Kg	
SEE09021010PML1	9/2/2010	Indeno(1,2,3-cd)pyrene	480	ug/Kg	
SEE08301130PML1	8/30/2010	Indeno(1,2,3-cd)pyrene	480	ug/Kg	
SEE08301520JRP1	8/30/2010	Indeno(1,2,3-cd)pyrene	480	ug/Kg	
SEE10081051RCM1	10/8/2010	Indeno(1,2,3-cd)pyrene	470	ug/Kg	
SEE10041138RCM1	10/4/2010	Indeno(1,2,3-cd)pyrene	470	ug/Kg	
SEE09261625JDF1	9/26/2010	Indeno(1,2,3-cd)pyrene	470	ug/Kg	
SEE09261625JDF1	9/26/2010	Indeno(1,2,3-cd)pyrene	470	ug/Kg	
SEE10161055JDF1	10/16/2010	Indeno(1,2,3-cd)pyrene	460	ug/Kg	
SEE10141550JDF1	10/14/2010	Indeno(1,2,3-cd)pyrene	460	ug/Kg	
SEE10141550JDF1	10/14/2010	Indeno(1,2,3-cd)pyrene	460	ug/Kg	
SEE10011120JDF1	10/1/2010	Indeno(1,2,3-cd)pyrene	460	ug/Kg	
SEE09141515PML1	9/14/2010	Indeno(1,2,3-cd)pyrene	460	ug/Kg	
SEE09261215JDF1	9/26/2010	Indeno(1,2,3-cd)pyrene	450	ug/Kg	
SEE09151145PML1	9/15/2010	Indeno(1,2,3-cd)pyrene	450	ug/Kg	
SEE09151145PML1	9/15/2010	Indeno(1,2,3-cd)pyrene	450	ug/Kg	
SEE09140945PML1	9/14/2010	Indeno(1,2,3-cd)pyrene	450	ug/Kg	
SEE09131026RCM1	9/13/2010	Indeno(1,2,3-cd)pyrene	450	ug/Kg	
SEE09061130MHS1	9/6/2010	Indeno(1,2,3-cd)pyrene	450	ug/Kg	
SEE10181210JDF1	10/18/2010	Indeno(1,2,3-cd)pyrene	440	ug/Kg	
SEE09161035RCM1	9/16/2010	Indeno(1,2,3-cd)pyrene	440	ug/Kg	
SEE09121105RCM1	9/12/2010	Indeno(1,2,3-cd)pyrene	440	ug/Kg	J
SEE10151355ARM1	10/15/2010	Indeno(1,2,3-cd)pyrene	420	ug/Kg	
SEE10091614PML1	10/9/2010	Indeno(1,2,3-cd)pyrene	410	ug/Kg	J
SEE09271130JDF1	9/27/2010	Indeno(1,2,3-cd)pyrene	410	ug/Kg	
SEE09170839RCM1	9/17/2010	Indeno(1,2,3-cd)pyrene	410	ug/Kg	
SEE10181510JDF1	10/18/2010	Indeno(1,2,3-cd)pyrene	400	ug/Kg	
SEE10181510JDF1	10/18/2010	Indeno(1,2,3-cd)pyrene	400	ug/Kg	
SEE10161115ARM1	10/16/2010	Indeno(1,2,3-cd)pyrene	400	ug/Kg	
SEE10121155JDF1	10/12/2010	Indeno(1,2,3-cd)pyrene	400	ug/Kg	
SEE10051415ARM1	10/5/2010	Indeno(1,2,3-cd)pyrene	400	ug/Kg	
SEE09191530PML1	9/19/2010	Indeno(1,2,3-cd)pyrene	400	ug/Kg	
SEE09181235PML1	9/18/2010	Indeno(1,2,3-cd)pyrene	400	ug/Kg	
SEE09111015PML1	9/11/2010	Indeno(1,2,3-cd)pyrene	400	ug/Kg	J
SEE10141150JDF1	10/14/2010	Indeno(1,2,3-cd)pyrene	390	ug/Kg	
SEE09220935RCM1	9/22/2010	Indeno(1,2,3-cd)pyrene	390	ug/Kg	
SEE09181705PML1	9/18/2010	Indeno(1,2,3-cd)pyrene	390	ug/Kg	
SEE09090900JRP1	9/9/2010	Indeno(1,2,3-cd)pyrene	380	ug/Kg	
SEE09031140MHS1	9/3/2010	Indeno(1,2,3-cd)pyrene	380	ug/Kg	
SEE08301445JRP1	8/30/2010	Indeno(1,2,3-cd)pyrene	380	ug/Kg	
SEE10161530JDF1	10/16/2010	Indeno(1,2,3-cd)pyrene	370	ug/Kg	
SEE10081115PML1	10/8/2010	Indeno(1,2,3-cd)pyrene	370	ug/Kg	
SEE09291645JDF1	9/29/2010	Indeno(1,2,3-cd)pyrene	370	ug/Kg	
SEE10151055ARM1	10/15/2010	Indeno(1,2,3-cd)pyrene	360	ug/Kg	
SEE10141555ARM1	10/14/2010	Indeno(1,2,3-cd)pyrene	360	ug/Kg	
SEE08311045PML1	8/31/2010	Indeno(1,2,3-cd)pyrene	360	ug/Kg	
SEE09061105PML1	9/6/2010	Indeno(1,2,3-cd)pyrene	350	ug/Kg	
SEE09031650PML1	9/3/2010	Indeno(1,2,3-cd)pyrene	350	ug/Kg	
SEE09031650PML1	9/3/2010	Indeno(1,2,3-cd)pyrene	350	ug/Kg	
SEE10141015JDF1	10/14/2010	Indeno(1,2,3-cd)pyrene	340	ug/Kg	
SEE10061640PML1	10/6/2010	Indeno(1,2,3-cd)pyrene	340	ug/Kg	
SEE10061640PML1	10/6/2010	Indeno(1,2,3-cd)pyrene	340	ug/Kg	
SEE10181430JWP1	10/18/2010	Indeno(1,2,3-cd)pyrene	330	ug/Kg	
SEE09131445RCM1	9/13/2010	Indeno(1,2,3-cd)pyrene	330	ug/Kg	
SEE09071050PML1	9/7/2010	Indeno(1,2,3-cd)pyrene	330	ug/Kg	
SEE08311420PML1	8/31/2010	Indeno(1,2,3-cd)pyrene	330	ug/Kg	
SEE08311420PML1	8/31/2010	Indeno(1,2,3-cd)pyrene	330	ug/Kg	
SEE08281505PML1	8/28/2010	Indeno(1,2,3-cd)pyrene	330	ug/kg	J
SEE09130915JRP1	9/13/2010	Indeno(1,2,3-cd)pyrene	320	ug/Kg	
SEE09081205PML1	9/8/2010	Indeno(1,2,3-cd)pyrene	320	ug/Kg	

**TABLE B-2b**  
**Upstream Sediment Samples (Morrow Lake)**

Sample ID	Sample Date	Analyte	Result	Unit	Data Qualifier
SEE08301550PML1	8/30/2010	Indeno(1,2,3-cd)pyrene	320	ug/Kg	
SEE08271215PML1	8/27/2010	Indeno(1,2,3-cd)pyrene	320	ug/kg	J
SEE09201115RCM1	9/20/2010	Indeno(1,2,3-cd)pyrene	310	ug/Kg	
SEE09081010PML1	9/8/2010	Indeno(1,2,3-cd)pyrene	310	ug/Kg	
SEE10161415JDF1	10/16/2010	Indeno(1,2,3-cd)pyrene	300	ug/Kg	
SEE10150945JDF1	10/15/2010	Indeno(1,2,3-cd)pyrene	300	ug/Kg	
SEE09031100PML1	9/3/2010	Indeno(1,2,3-cd)pyrene	280	ug/Kg	
SEE08300920JRP1	8/30/2010	Indeno(1,2,3-cd)pyrene	280	ug/Kg	
SEE10191515JDF1	10/19/2010	Indeno(1,2,3-cd)pyrene	270	ug/Kg	
SEE10101010PML1	10/10/2010	Indeno(1,2,3-cd)pyrene	270	ug/Kg	
SEE09211112RCM1	9/21/2010	Indeno(1,2,3-cd)pyrene	270	ug/Kg	
SEE09200945PML1	9/20/2010	Indeno(1,2,3-cd)pyrene	270	ug/Kg	
SEE09200945PML1	9/20/2010	Indeno(1,2,3-cd)pyrene	270	ug/Kg	
SEE09191040PML1	9/19/2010	Indeno(1,2,3-cd)pyrene	270	ug/Kg	
SEE09101625PML1	9/10/2010	Indeno(1,2,3-cd)pyrene	270	ug/Kg	J
SEE08291550KAP1	8/29/2010	Indeno(1,2,3-cd)pyrene	270	ug/kg	J
SEE09101215PML1	9/10/2010	Indeno(1,2,3-cd)pyrene	260	ug/Kg	J
SEE08281215PML1	8/28/2010	Indeno(1,2,3-cd)pyrene	260	ug/kg	J
SEE08281630RCM1	8/28/2010	Indeno(1,2,3-cd)pyrene	260	ug/kg	J
SEE09171445RCM1	9/17/2010	Indeno(1,2,3-cd)pyrene	250	ug/Kg	
SEE09091005RCM1	9/9/2010	Indeno(1,2,3-cd)pyrene	250	ug/Kg	
SEE09231645JDF1	9/23/2010	Indeno(1,2,3-cd)pyrene	240	ug/Kg	
SEE09101022PML1	9/10/2010	Indeno(1,2,3-cd)pyrene	230	ug/Kg	J
SEE09091410RCM1	9/9/2010	Indeno(1,2,3-cd)pyrene	220	ug/Kg	
SEE09301205RCM1	9/30/2010	Indeno(1,2,3-cd)pyrene	200	ug/Kg	
SEE09151015PML1	9/15/2010	Indeno(1,2,3-cd)pyrene	200	ug/Kg	
SEE09141312RCM1	9/14/2010	Indeno(1,2,3-cd)pyrene	200	ug/Kg	
SEE08281607TWH1	8/28/2010	Indeno(1,2,3-cd)pyrene	190	ug/kg	J
SEE08271614TWH1	8/27/2010	Indeno(1,2,3-cd)pyrene	190	ug/kg	J
SEE08261420RCM1	8/26/2010	Indeno(1,2,3-cd)pyrene	190	ug/kg	J
SEE10211035JDF1	10/21/2010	Indeno(1,2,3-cd)pyrene	180	ug/Kg	UU
SEE08261445JRP1	8/26/2010	Indeno(1,2,3-cd)pyrene	180	ug/Kg	
SEE09231210JDF1	9/23/2010	Indeno(1,2,3-cd)pyrene	170	ug/Kg	
SEE10221110JDF1	10/22/2010	Indeno(1,2,3-cd)pyrene	160	ug/Kg	U
SEE10221110JDF1	10/22/2010	Indeno(1,2,3-cd)pyrene	160	ug/Kg	U
SEE10221450DWS1	10/22/2010	Indeno(1,2,3-cd)pyrene	160	ug/Kg	
SEE10211430JDF1	10/21/2010	Indeno(1,2,3-cd)pyrene	160	ug/Kg	U
SEE10191005JDF1	10/19/2010	Indeno(1,2,3-cd)pyrene	160	ug/Kg	U
SEE09230955RCM1	9/23/2010	Indeno(1,2,3-cd)pyrene	160	ug/Kg	
SEE10191155JDF1	10/19/2010	Indeno(1,2,3-cd)pyrene	150	ug/Kg	U
SEE10191415JDF1	10/19/2010	Indeno(1,2,3-cd)pyrene	150	ug/Kg	U
SEE10071151RCM1	10/7/2010	Indeno(1,2,3-cd)pyrene	150	ug/Kg	
SEE09271500ARM1	9/27/2010	Indeno(1,2,3-cd)pyrene	150	ug/Kg	
SEE08291354KAP1	8/29/2010	Indeno(1,2,3-cd)pyrene	150	ug/kg	J
SEE10211010JWP1	10/21/2010	Indeno(1,2,3-cd)pyrene	140	ug/Kg	U
SEE10191100JDF1	10/19/2010	Indeno(1,2,3-cd)pyrene	140	ug/Kg	U
SEE08311348MHS1	8/31/2010	Indeno(1,2,3-cd)pyrene	140	ug/Kg	
SEE08291421KAP1	8/29/2010	Indeno(1,2,3-cd)pyrene	140	ug/kg	J
SEE08281420TWH1	8/28/2010	Indeno(1,2,3-cd)pyrene	140	ug/kg	J
SEE08281510TWH1	8/28/2010	Indeno(1,2,3-cd)pyrene	140	ug/kg	J
SEE08271145RCM1	8/27/2010	Indeno(1,2,3-cd)pyrene	140	ug/kg	J
SEE10221055DWS1	10/22/2010	Indeno(1,2,3-cd)pyrene	130	ug/Kg	U
SEE10191010JWP1	10/19/2010	Indeno(1,2,3-cd)pyrene	130	ug/Kg	U
SEE08271652TWH1	8/27/2010	Indeno(1,2,3-cd)pyrene	120	ug/kg	J
SEE10011125ARM1	10/1/2010	Indeno(1,2,3-cd)pyrene	110	ug/Kg	
SEE09290915MAE1	9/29/2010	Indeno(1,2,3-cd)pyrene	110	ug/Kg	
SEE08261620RCM1	8/26/2010	Indeno(1,2,3-cd)pyrene	98	ug/kg	J
SEE10061135ARM1	10/6/2010	Indeno(1,2,3-cd)pyrene	91	ug/Kg	
SEE09201110ARM1	9/20/2010	Indeno(1,2,3-cd)pyrene	88	ug/Kg	
SEE10071045ARM1	10/7/2010	Indeno(1,2,3-cd)pyrene	86	ug/Kg	



**TABLE B-2b**  
**Upstream Sediment Samples (Morrow Lake)**

Sample ID	Sample Date	Analyte	Result	Unit	Data Qualifier
SEE10141025ARM1	10/14/2010	Indeno(1,2,3-cd)pyrene	78	ug/Kg	
SEE10121040ARM1	10/12/2010	Indeno(1,2,3-cd)pyrene	74	ug/Kg	
SEE09051500MHS1	9/5/2010	Indeno(1,2,3-cd)pyrene	71	ug/Kg	J
SEE08261700JRP1	8/26/2010	Indeno(1,2,3-cd)pyrene	71	ug/Kg	
SEE09171200ARM1	9/17/2010	Indeno(1,2,3-cd)pyrene	66	ug/Kg	
SEE08291445PML1	8/29/2010	Indeno(1,2,3-cd)pyrene	65	ug/kg	J
SEE10211345JWP1	10/21/2010	Indeno(1,2,3-cd)pyrene	62	ug/Kg	U
SEE09140945JRP1	9/14/2010	Indeno(1,2,3-cd)pyrene	62	ug/Kg	
SEE08311010JRP1	8/31/2010	Indeno(1,2,3-cd)pyrene	62	ug/Kg	J
SEE08291110PML1	8/29/2010	Indeno(1,2,3-cd)pyrene	62	ug/kg	J
SEE09301025MAE1	9/30/2010	Indeno(1,2,3-cd)pyrene	60	ug/Kg	
SEE10191115JWP1	10/19/2010	Indeno(1,2,3-cd)pyrene	59	ug/Kg	
SEE09100945RCM1	9/10/2010	Indeno(1,2,3-cd)pyrene	52	ug/Kg	UJ
SEE09150915JRP1	9/15/2010	Indeno(1,2,3-cd)pyrene	50	ug/Kg	
SEF10011045TDF1	10/1/2010	Indeno(1,2,3-cd)pyrene	49	ug/Kg	
SEE09211120ARM1	9/21/2010	Indeno(1,2,3-cd)pyrene	48	ug/Kg	J
SEE09231035ARM1	9/23/2010	Indeno(1,2,3-cd)pyrene	47	ug/Kg	
SEF10221050MAE3	10/22/2010	Indeno(1,2,3-cd)pyrene	46	ug/Kg	U
SEE09200911RCM1	9/20/2010	Indeno(1,2,3-cd)pyrene	46	ug/Kg	U
SEE08271445JRP1	8/27/2010	Indeno(1,2,3-cd)pyrene	46	ug/kg	J
SEF10191135NAC3	10/19/2010	Indeno(1,2,3-cd)pyrene	44	ug/Kg	U
SEF10081108TDF3	10/8/2010	Indeno(1,2,3-cd)pyrene	43	ug/Kg	U
SEE10011043RCM1	10/1/2010	Indeno(1,2,3-cd)pyrene	43	ug/Kg	U
SEF10151030PMB3	10/15/2010	Indeno(1,2,3-cd)pyrene	42	ug/Kg	U
SEF10121130PMB3	10/12/2010	Indeno(1,2,3-cd)pyrene	42	ug/Kg	U
SEE10131035ARM1	10/13/2010	Indeno(1,2,3-cd)pyrene	40	ug/Kg	U
SEE10051145RCM1	10/5/2010	Indeno(1,2,3-cd)pyrene	40	ug/Kg	U
SEE09221045ARM1	9/22/2010	Indeno(1,2,3-cd)pyrene	40	ug/Kg	U
SEE09080930JRP1	9/8/2010	Indeno(1,2,3-cd)pyrene	40	ug/Kg	U
SEE09011515JAW1	9/1/2010	Indeno(1,2,3-cd)pyrene	40	ug/Kg	U
SEF09281139TDF1	9/28/2010	Indeno(1,2,3-cd)pyrene	39	ug/Kg	U
SEE09231205RCM1	9/23/2010	Indeno(1,2,3-cd)pyrene	38	ug/Kg	J
SEE10181030JWP1	10/18/2010	Indeno(1,2,3-cd)pyrene	37	ug/Kg	U
SEE09070930JRP1	9/7/2010	Indeno(1,2,3-cd)pyrene	37	ug/Kg	J
SEE10041045ARM1	10/4/2010	Indeno(1,2,3-cd)pyrene	34	ug/Kg	J
SEE09251235ARM1	9/25/2010	Indeno(1,2,3-cd)pyrene	33	ug/Kg	J
SEE08281540JRP1	8/28/2010	Indeno(1,2,3-cd)pyrene	32	ug/kg	J
SEE08301410JRP1	8/30/2010	Indeno(1,2,3-cd)pyrene	29	ug/Kg	J
SEE09100920JRP1	9/10/2010	Indeno(1,2,3-cd)pyrene	26	ug/Kg	J
SEE08271536TWH1	8/27/2010	Indeno(1,2,3-cd)pyrene	24	ug/kg	J
SEB08281400JLS1	8/28/2010	Indeno(1,2,3-cd)pyrene	23	ug/kg	J
SEE08301100JRP1	8/30/2010	Indeno(1,2,3-cd)pyrene	22	ug/Kg	J
SEE09051500JAW1	9/5/2010	Indeno(1,2,3-cd)pyrene	19	ug/Kg	J
SEE09281445RCM1	9/28/2010	Indeno(1,2,3-cd)pyrene	17	ug/Kg	J
SEE09170935RCM1	9/17/2010	Indeno(1,2,3-cd)pyrene	17	ug/Kg	J
SEF10051206TDF3	10/5/2010	Indeno(1,2,3-cd)pyrene	16	ug/Kg	J
SEE10081035ARM1	10/8/2010	Indeno(1,2,3-cd)pyrene	13	ug/Kg	J
SEB09011143JLS1	9/1/2010	Indeno(1,2,3-cd)pyrene	11	ug/Kg	J
ML-05-S-081710	8/17/2010	Indeno(1,2,3-cd)pyrene	0.80	mg/Kg	
ML-03-S-082310	8/23/2010	Indeno(1,2,3-cd)pyrene	0.71	mg/Kg	
ML-05-S-082310	8/23/2010	Indeno(1,2,3-cd)pyrene	0.66	mg/Kg	
ML-03-S-081610	8/16/2010	Indeno(1,2,3-cd)pyrene	0.65	mg/Kg	
ML-02-S-082310	8/23/2010	Indeno(1,2,3-cd)pyrene	0.57	mg/Kg	
ML-03-S-082010	8/20/2010	Indeno(1,2,3-cd)pyrene	0.54	mg/Kg	
ML-04-S-082010	8/20/2010	Indeno(1,2,3-cd)pyrene	0.54	mg/Kg	
ML-04-S-081710	8/17/2010	Indeno(1,2,3-cd)pyrene	0.53	mg/Kg	
ML-04-S-082610	8/26/2010	Indeno(1,2,3-cd)pyrene	0.52	mg/Kg	
ML-01-S-081610	8/16/2010	Indeno(1,2,3-cd)pyrene	0.51	mg/Kg	
ML-05-S-082010	8/20/2010	Indeno(1,2,3-cd)pyrene	0.47	mg/Kg	
ML-03-S-082510	8/25/2010	Indeno(1,2,3-cd)pyrene	0.46	mg/Kg	

**TABLE B-2b**  
**Upstream Sediment Samples (Morrow Lake)**

Sample ID	Sample Date	Analyte	Result	Unit	Data Qualifier
ML-04-S-082410	8/24/2010	Indeno(1,2,3-cd)pyrene	0.46	mg/Kg	J
ML-02-S-082510	8/25/2010	Indeno(1,2,3-cd)pyrene	0.42	mg/Kg	
ML-01-S-082510	8/25/2010	Indeno(1,2,3-cd)pyrene	0.40	mg/Kg	
ML-07-S-082110	8/21/2010	Indeno(1,2,3-cd)pyrene	0.39	mg/Kg	
ML-02-S-082010	8/20/2010	Indeno(1,2,3-cd)pyrene	0.39	mg/Kg	
ML-01-S-082110	8/21/2010	Indeno(1,2,3-cd)pyrene	0.37	mg/Kg	
ML-05-S-082610	8/26/2010	Indeno(1,2,3-cd)pyrene	0.36	mg/Kg	
ML-07-S-082410	8/24/2010	Indeno(1,2,3-cd)pyrene	0.36	mg/Kg	J
ML-01-S-081910	8/19/2010	Indeno(1,2,3-cd)pyrene	0.36	mg/Kg	
ML-06-S-082510	8/25/2010	Indeno(1,2,3-cd)pyrene	0.34	mg/Kg	
ML-08-S-082510	8/25/2010	Indeno(1,2,3-cd)pyrene	0.33	mg/Kg	
ML-02-S-081710	8/17/2010	Indeno(1,2,3-cd)pyrene	0.30	mg/Kg	J
ML-07-S-081610	8/16/2010	Indeno(1,2,3-cd)pyrene	0.29	mg/Kg	
ML-09-S-082110	8/21/2010	Indeno(1,2,3-cd)pyrene	0.28	mg/Kg	
ML-08-S-081610	8/16/2010	Indeno(1,2,3-cd)pyrene	0.28	mg/Kg	
ML-10-S-081610	8/16/2010	Indeno(1,2,3-cd)pyrene	0.28	mg/Kg	
ML-10-S-081610	8/16/2010	Indeno(1,2,3-cd)pyrene	0.28	mg/Kg	
ML-10-S-082110	8/21/2010	Indeno(1,2,3-cd)pyrene	0.26	mg/Kg	
ML-10-S-082110	8/21/2010	Indeno(1,2,3-cd)pyrene	0.26	mg/Kg	
ML-10-S-081910	8/19/2010	Indeno(1,2,3-cd)pyrene	0.22	mg/Kg	J
ML-10-S-081910	8/19/2010	Indeno(1,2,3-cd)pyrene	0.22	mg/Kg	J
ML-07-S-082510	8/25/2010	Indeno(1,2,3-cd)pyrene	0.21	mg/Kg	
ML-06-S-082010	8/20/2010	Indeno(1,2,3-cd)pyrene	0.20	mg/Kg	
ML-06-S-081710	8/17/2010	Indeno(1,2,3-cd)pyrene	0.20	mg/Kg	J
ML-10-S-082410	8/24/2010	Indeno(1,2,3-cd)pyrene	0.19	mg/Kg	J
ML-10-S-082410	8/24/2010	Indeno(1,2,3-cd)pyrene	0.19	mg/Kg	J
ML-08-S-082110	8/21/2010	Indeno(1,2,3-cd)pyrene	0.19	mg/Kg	
ML-09-S-082410	8/24/2010	Indeno(1,2,3-cd)pyrene	0.18	mg/Kg	J
ML-07-S-081810	8/18/2010	Indeno(1,2,3-cd)pyrene	0.18	mg/Kg	J
ML-09-S-081810	8/18/2010	Indeno(1,2,3-cd)pyrene	0.18	mg/Kg	J
ML-06-S-082310	8/23/2010	Indeno(1,2,3-cd)pyrene	0.17	mg/Kg	J
ML-10-S-082610	8/26/2010	Indeno(1,2,3-cd)pyrene	0.16	mg/Kg	J
ML-10-S-082610	8/26/2010	Indeno(1,2,3-cd)pyrene	0.16	mg/Kg	J
ML-08-S-082410	8/24/2010	Indeno(1,2,3-cd)pyrene	0.15	mg/Kg	J
ML-09-S-082510	8/25/2010	Indeno(1,2,3-cd)pyrene	0.098	mg/Kg	J
SEE08300920JRP1	8/30/2010	Iron	42000000	ug/Kg	
SEE08281510TWH1	8/28/2010	Iron	42000000	ug/kg	
SEE10161415JDF1	10/16/2010	Iron	41000000	ug/Kg	
SEE09131125PML1	9/13/2010	Iron	40000000	ug/Kg	J
SEE09091145PML1	9/9/2010	Iron	39000000	ug/Kg	
SEE08271215PML1	8/27/2010	Iron	38800000	ug/kg	
SEE10071205PML1	10/7/2010	Iron	38000000	ug/Kg	
SEE09051015PML1	9/5/2010	Iron	38000000	ug/Kg	
SEE08271500PML1	8/27/2010	Iron	37700000	ug/kg	
SEE10111350JDF1	10/11/2010	Iron	37000000	ug/Kg	
SEE09290925JDF1	9/29/2010	Iron	37000000	ug/Kg	
SEE09221105JDF1	9/22/2010	Iron	37000000	ug/Kg	
SEE09161045PML1	9/16/2010	Iron	37000000	ug/Kg	
SEE09051430PML1	9/5/2010	Iron	37000000	ug/Kg	
SEE09011050PML1	9/1/2010	Iron	37000000	ug/Kg	
SEE08261445JRP1	8/26/2010	Iron	37000000	ug/Kg	B
SEE10041050JDF1	10/4/2010	Iron	36000000	ug/Kg	B
SEE10031425JDF1	10/3/2010	Iron	36000000	ug/Kg	
SEE09221615JDF1	9/22/2010	Iron	36000000	ug/Kg	
SEE09171530PML1	9/17/2010	Iron	36000000	ug/Kg	
SEE09131505PML1	9/13/2010	Iron	36000000	ug/Kg	J
SEE09131620PML1	9/13/2010	Iron	36000000	ug/Kg	J
SEE09121450PML1	9/12/2010	Iron	36000000	ug/Kg	
SEE09091605PML1	9/9/2010	Iron	36000000	ug/Kg	
SEE09011255PML1	9/1/2010	Iron	36000000	ug/Kg	

**TABLE B-2b**  
**Upstream Sediment Samples (Morrow Lake)**

Sample ID	Sample Date	Analyte	Result	Unit	Data Qualifier
SEE09011545PML1	9/1/2010	Iron	36000000	ug/Kg	
SEE08301530JAW1	8/30/2010	Iron	36000000	ug/Kg	
SEE08281630RCM1	8/28/2010	Iron	35800000	ug/kg	
SEE08281505PML1	8/28/2010	Iron	35700000	ug/kg	
SEE10071540PML1	10/7/2010	Iron	35000000	ug/Kg	
SEE10061051RCM1	10/6/2010	Iron	35000000	ug/Kg	
SEE09271130JDF1	9/27/2010	Iron	35000000	ug/Kg	J
SEE09271515JDF1	9/27/2010	Iron	35000000	ug/Kg	J
SEE09221440JDF1	9/22/2010	Iron	35000000	ug/Kg	
SEE09171125PML1	9/17/2010	Iron	35000000	ug/Kg	
SEE09091025JRP1	9/9/2010	Iron	35000000	ug/Kg	
SEE09011545MHS1	9/1/2010	Iron	35000000	ug/Kg	
SEE08281607TWH1	8/28/2010	Iron	34500000	ug/kg	
SEE10161055JDF1	10/16/2010	Iron	34000000	ug/Kg	
SEE10161530JDF1	10/16/2010	Iron	34000000	ug/Kg	
SEE09091010PML1	9/9/2010	Iron	34000000	ug/Kg	
SEE09091410PML1	9/9/2010	Iron	34000000	ug/Kg	
SEE09081020RCM1	9/8/2010	Iron	34000000	ug/Kg	
SEE09031115JAW1	9/3/2010	Iron	34000000	ug/Kg	J
SEE09011635PML1	9/1/2010	Iron	34000000	ug/Kg	
SEE10150945JDF1	10/15/2010	Iron	33000000	ug/Kg	J
SEE10120930JDF1	10/12/2010	Iron	33000000	ug/Kg	
SEE10111011JDF1	10/11/2010	Iron	33000000	ug/Kg	
SEE10111125JDF1	10/11/2010	Iron	33000000	ug/Kg	
SEE10081051RCM1	10/8/2010	Iron	33000000	ug/Kg	
SEE10081231PML1	10/8/2010	Iron	33000000	ug/Kg	
SEE09271025ARM1	9/27/2010	Iron	33000000	ug/Kg	J
SEE09211155JDF1	9/21/2010	Iron	33000000	ug/Kg	
SEE09191445RCM1	9/19/2010	Iron	33000000	ug/Kg	J
SEE09171415PML1	9/17/2010	Iron	33000000	ug/Kg	
SEE09130940PML1	9/13/2010	Iron	33000000	ug/Kg	J
SEE09121436RCM1	9/12/2010	Iron	33000000	ug/Kg	
SEE09091515PML1	9/9/2010	Iron	33000000	ug/Kg	
SEE09051130PML1	9/5/2010	Iron	33000000	ug/Kg	
SEE09040950PML1	9/4/2010	Iron	33000000	ug/Kg	
SEE09041350PML1	9/4/2010	Iron	33000000	ug/Kg	
SEE09011145PML1	9/1/2010	Iron	33000000	ug/Kg	
SEE08281215PML1	8/28/2010	Iron	32400000	ug/kg	
SEE10040945JDF1	10/4/2010	Iron	32000000	ug/Kg	B
SEE09301255MAE1	9/30/2010	Iron	32000000	ug/Kg	
SEE09260930RCM1	9/26/2010	Iron	32000000	ug/Kg	
SEE09231130ARM1	9/23/2010	Iron	32000000	ug/Kg	
SEE09220935RCM1	9/22/2010	Iron	32000000	ug/Kg	
SEE09211530JDF1	9/21/2010	Iron	32000000	ug/Kg	
SEE09170945PML1	9/17/2010	Iron	32000000	ug/Kg	
SEE09141135PML1	9/14/2010	Iron	32000000	ug/Kg	
SEE09130955JRP1	9/13/2010	Iron	32000000	ug/Kg	J
SEE09101215PML1	9/10/2010	Iron	32000000	ug/Kg	
SEE08301015JRP1	8/30/2010	Iron	32000000	ug/Kg	
SEE08301445JRP1	8/30/2010	Iron	32000000	ug/Kg	
SEE08301520JRP1	8/30/2010	Iron	32000000	ug/Kg	
SEE08261620RCM1	8/26/2010	Iron	31200000	ug/kg	B
SEE10171410JDF1	10/17/2010	Iron	31000000	ug/Kg	
SEE10121030JDF1	10/12/2010	Iron	31000000	ug/Kg	
SEE10091401PML1	10/9/2010	Iron	31000000	ug/Kg	
SEE10071101PML1	10/7/2010	Iron	31000000	ug/Kg	
SEE10071415ARM1	10/7/2010	Iron	31000000	ug/Kg	
SEE10051125PML1	10/5/2010	Iron	31000000	ug/Kg	
SEE09301105JDF1	9/30/2010	Iron	31000000	ug/Kg	
SEE09291023RCM1	9/29/2010	Iron	31000000	ug/Kg	

**TABLE B-2b**  
**Upstream Sediment Samples (Morrow Lake)**

Sample ID	Sample Date	Analyte	Result	Unit	Data Qualifier
SEE09291035JDF1	9/29/2010	Iron	31000000	ug/Kg	
SEE09201645ARM1	9/20/2010	Iron	31000000	ug/Kg	
SEE09181235PML1	9/18/2010	Iron	31000000	ug/Kg	
SEE09170839RCM1	9/17/2010	Iron	31000000	ug/Kg	
SEE09061500PML1	9/6/2010	Iron	31000000	ug/Kg	
SEE09051550MHS1	9/5/2010	Iron	31000000	ug/Kg	
SEE09030925PML1	9/3/2010	Iron	31000000	ug/Kg	J
SEE09021400PML1	9/2/2010	Iron	31000000	ug/Kg	
SEE08301130PML1	8/30/2010	Iron	31000000	ug/Kg	
SEE10170915JDF1	10/17/2010	Iron	30000000	ug/Kg	
SEE10151055ARM1	10/15/2010	Iron	30000000	ug/Kg	J
SEE10141555ARM1	10/14/2010	Iron	30000000	ug/Kg	
SEE10121415ARM1	10/12/2010	Iron	30000000	ug/Kg	
SEE10041150JDF1	10/4/2010	Iron	30000000	ug/Kg	B
SEE10041335JDF1	10/4/2010	Iron	30000000	ug/Kg	B
SEE09101022PML1	9/10/2010	Iron	30000000	ug/Kg	
SEE09101625PML1	9/10/2010	Iron	30000000	ug/Kg	
SEE10161115ARM1	10/16/2010	Iron	29000000	ug/Kg	
SEE09301205RCM1	9/30/2010	Iron	29000000	ug/Kg	
SEE09231645JDF1	9/23/2010	Iron	29000000	ug/Kg	
SEE09191040PML1	9/19/2010	Iron	29000000	ug/Kg	J
SEE09031645MHS1	9/3/2010	Iron	29000000	ug/Kg	J
SEE08311010JRP1	8/31/2010	Iron	29000000	ug/Kg	
SEE10181430JWP1	10/18/2010	Iron	28000000	ug/Kg	
SEE10131150JDF1	10/13/2010	Iron	28000000	ug/Kg	J
SEE10091614PML1	10/9/2010	Iron	28000000	ug/Kg	
SEE10081115PML1	10/8/2010	Iron	28000000	ug/Kg	
SEE09141515PML1	9/14/2010	Iron	28000000	ug/Kg	
SEE09121105RCM1	9/12/2010	Iron	28000000	ug/Kg	
SEE09091410RCM1	9/9/2010	Iron	28000000	ug/Kg	
SEE09071050PML1	9/7/2010	Iron	28000000	ug/Kg	
SEE08261420RCM1	8/26/2010	Iron	27100000	ug/kg	B
SEE10141015JDF1	10/14/2010	Iron	27000000	ug/Kg	
SEE10051653PML1	10/5/2010	Iron	27000000	ug/Kg	
SEE10041355ARM1	10/4/2010	Iron	27000000	ug/Kg	B
SEE09301255JDF1	9/30/2010	Iron	27000000	ug/Kg	
SEE09251135JDF1	9/25/2010	Iron	27000000	ug/Kg	
SEE09230955RCM1	9/23/2010	Iron	27000000	ug/Kg	
SEE09140945PML1	9/14/2010	Iron	27000000	ug/Kg	
SEE09131026RCM1	9/13/2010	Iron	27000000	ug/Kg	J
SEE09091005RCM1	9/9/2010	Iron	27000000	ug/Kg	
SEE09061130MHS1	9/6/2010	Iron	27000000	ug/Kg	
SEE08301550PML1	8/30/2010	Iron	27000000	ug/Kg	
SEE10181035JDF1	10/18/2010	Iron	26000000	ug/Kg	
SEE10171115JDF1	10/17/2010	Iron	26000000	ug/Kg	
SEE10041138RCM1	10/4/2010	Iron	26000000	ug/Kg	B
SEE09131445RCM1	9/13/2010	Iron	26000000	ug/Kg	J
SEE09061525MHS1	9/6/2010	Iron	26000000	ug/Kg	
SEE09031140MHS1	9/3/2010	Iron	26000000	ug/Kg	J
SEE09021010PML1	9/2/2010	Iron	26000000	ug/Kg	
SEE08301638MHS1	8/30/2010	Iron	26000000	ug/Kg	
SEE08291550KAP1	8/29/2010	Iron	25900000	ug/kg	B
SEE08281420TWH1	8/28/2010	Iron	25200000	ug/kg	
SEE10151355ARM1	10/15/2010	Iron	25000000	ug/Kg	J
SEE10071042RCM1	10/7/2010	Iron	25000000	ug/Kg	
SEE09231210JDF1	9/23/2010	Iron	25000000	ug/Kg	
SEE09181705PML1	9/18/2010	Iron	25000000	ug/Kg	
SEE09161035RCM1	9/16/2010	Iron	25000000	ug/Kg	
SEE08301145MHS1	8/30/2010	Iron	25000000	ug/Kg	
SEE10101215PML1	10/10/2010	Iron	24000000	ug/Kg	

**TABLE B-2b**  
**Upstream Sediment Samples (Morrow Lake)**

Sample ID	Sample Date	Analyte	Result	Unit	Data Qualifier
SEE10101215PML1	10/10/2010	Iron	24000000	ug/Kg	
SEE10041530JDF1	10/4/2010	Iron	24000000	ug/Kg	B
SEE10031115JDF1	10/3/2010	Iron	24000000	ug/Kg	
SEE10031115JDF1	10/3/2010	Iron	24000000	ug/Kg	
SEE10011120JDF1	10/1/2010	Iron	24000000	ug/Kg	
SEE09261215JDF1	9/26/2010	Iron	24000000	ug/Kg	
SEE09201115RCM1	9/20/2010	Iron	24000000	ug/Kg	
SEE09191530PML1	9/19/2010	Iron	24000000	ug/Kg	J
SEE09090900JRP1	9/9/2010	Iron	24000000	ug/Kg	
SEE10141550JDF1	10/14/2010	Iron	23000000	ug/Kg	
SEE10141550JDF1	10/14/2010	Iron	23000000	ug/Kg	
SEE10101010PML1	10/10/2010	Iron	23000000	ug/Kg	
SEE10091200ARM1	10/9/2010	Iron	23000000	ug/Kg	
SEE09261625JDF1	9/26/2010	Iron	23000000	ug/Kg	
SEE09261625JDF1	9/26/2010	Iron	23000000	ug/Kg	
SEE09171445RCM1	9/17/2010	Iron	23000000	ug/Kg	
SEE09151145PML1	9/15/2010	Iron	23000000	ug/Kg	
SEE09151145PML1	9/15/2010	Iron	23000000	ug/Kg	
SEE09121055PML1	9/12/2010	Iron	23000000	ug/Kg	
SEE09121055PML1	9/12/2010	Iron	23000000	ug/Kg	
SEE09081205PML1	9/8/2010	Iron	23000000	ug/Kg	
SEE09061105PML1	9/6/2010	Iron	23000000	ug/Kg	
SEE09031100PML1	9/3/2010	Iron	23000000	ug/Kg	J
SEE08311045PML1	8/31/2010	Iron	23000000	ug/Kg	
SEE08311420PML1	8/31/2010	Iron	23000000	ug/Kg	
SEE08311420PML1	8/31/2010	Iron	23000000	ug/Kg	
SEE08271652TWH1	8/27/2010	Iron	22500000	ug/kg	
SEE10181510JDF1	10/18/2010	Iron	22000000	ug/Kg	
SEE10181510JDF1	10/18/2010	Iron	22000000	ug/Kg	
SEE10121155JDF1	10/12/2010	Iron	22000000	ug/Kg	
SEE10061205PML1	10/6/2010	Iron	22000000	ug/Kg	
SEE10061640PML1	10/6/2010	Iron	22000000	ug/Kg	
SEE10061640PML1	10/6/2010	Iron	22000000	ug/Kg	
SEE09200945PML1	9/20/2010	Iron	22000000	ug/Kg	
SEE09200945PML1	9/20/2010	Iron	22000000	ug/Kg	
SEE09151015PML1	9/15/2010	Iron	22000000	ug/Kg	
SEE09081010PML1	9/8/2010	Iron	22000000	ug/Kg	
SEE09031650PML1	9/3/2010	Iron	22000000	ug/Kg	J
SEE09031650PML1	9/3/2010	Iron	22000000	ug/Kg	J
SEE08291421KAP1	8/29/2010	Iron	21300000	ug/kg	B
SEE08271536TWH1	8/27/2010	Iron	21200000	ug/kg	
SEE08271145RCM1	8/27/2010	Iron	21100000	ug/kg	
SEE10181210JDF1	10/18/2010	Iron	21000000	ug/Kg	
SEE10141150JDF1	10/14/2010	Iron	21000000	ug/Kg	
SEE09291135JDF1	9/29/2010	Iron	21000000	ug/Kg	
SEE09111015PML1	9/11/2010	Iron	21000000	ug/Kg	
SEE09250905RCM1	9/25/2010	Iron	20000000	ug/Kg	
SEE09211112RCM1	9/21/2010	Iron	20000000	ug/Kg	
SEE08291354KAP1	8/29/2010	Iron	18300000	ug/kg	B
SEE09141312RCM1	9/14/2010	Iron	17000000	ug/Kg	
SEE09130915JRP1	9/13/2010	Iron	17000000	ug/Kg	J
SEE10011125ARM1	10/1/2010	Iron	16000000	ug/Kg	
SEE08291110PML1	8/29/2010	Iron	15600000	ug/kg	B
SEE09061610JAW1	9/6/2010	Iron	15000000	ug/Kg	
SEE08301100JRP1	8/30/2010	Iron	14000000	ug/Kg	
SEE10171535ARM1	10/17/2010	Iron	13000000	ug/Kg	
SEE08271614TWH1	8/27/2010	Iron	12400000	ug/kg	
SEE08291445PML1	8/29/2010	Iron	12300000	ug/kg	B
SEE10081035ARM1	10/8/2010	Iron	12000000	ug/Kg	
SEE09291645JDF1	9/29/2010	Iron	12000000	ug/Kg	

**TABLE B-2b**  
**Upstream Sediment Samples (Morrow Lake)**

Sample ID	Sample Date	Analyte	Result	Unit	Data Qualifier
SEE08311348MHS1	8/31/2010	Iron	12000000	ug/Kg	
SEE10051415ARM1	10/5/2010	Iron	11000000	ug/Kg	
SEE09201110ARM1	9/20/2010	Iron	11000000	ug/Kg	
SEE09171200ARM1	9/17/2010	Iron	10000000	ug/Kg	
SEB09011143JLS1	9/1/2010	Iron	10000000	ug/Kg	
SEE08261700JRP1	8/26/2010	Iron	9600000	ug/Kg	B
SEE09231205RCM1	9/23/2010	Iron	9500000	ug/Kg	
SEE09211120ARM1	9/21/2010	Iron	9400000	ug/Kg	
SEE09271500ARM1	9/27/2010	Iron	9100000	ug/Kg	J
SEE10071151RCM1	10/7/2010	Iron	9000000	ug/Kg	
SEE10141025ARM1	10/14/2010	Iron	8900000	ug/Kg	
SEE10071045ARM1	10/7/2010	Iron	8800000	ug/Kg	
SEE08271445JRP1	8/27/2010	Iron	8790000	ug/kg	
SEE09140945JRP1	9/14/2010	Iron	8700000	ug/Kg	
SEE09231035ARM1	9/23/2010	Iron	8600000	ug/Kg	
SEE09100920JRP1	9/10/2010	Iron	8500000	ug/Kg	
SEB08281400JLS1	8/28/2010	Iron	7600000	ug/kg	
SEE09301025MAE1	9/30/2010	Iron	7200000	ug/Kg	
SEE09290915MAE1	9/29/2010	Iron	7200000	ug/Kg	
SEF09281139TDF1	9/28/2010	Iron	7200000	ug/Kg	
SEE08301410JRP1	8/30/2010	Iron	7100000	ug/Kg	
SEE09070930JRP1	9/7/2010	Iron	6900000	ug/Kg	
SEE10131035ARM1	10/13/2010	Iron	6500000	ug/Kg	J
SEE10121040ARM1	10/12/2010	Iron	6300000	ug/Kg	
SEE09051500MHS1	9/5/2010	Iron	6300000	ug/Kg	
SEE09251235ARM1	9/25/2010	Iron	6100000	ug/Kg	
SEE10181030JWP1	10/18/2010	Iron	5800000	ug/Kg	
SEE10041045ARM1	10/4/2010	Iron	5800000	ug/Kg	B
SEE10061135ARM1	10/6/2010	Iron	5600000	ug/Kg	
SEE08281540JRP1	8/28/2010	Iron	5200000	ug/kg	
SEE09011515JAW1	9/1/2010	Iron	5000000	ug/Kg	
SEE09100945RCM1	9/10/2010	Iron	4900000	ug/Kg	
SEE09051500JAW1	9/5/2010	Iron	4900000	ug/Kg	
SEF10121130PMB3	10/12/2010	Iron	4800000	ug/Kg	
SEE09221045ARM1	9/22/2010	Iron	4700000	ug/Kg	
SEE09150915JRP1	9/15/2010	Iron	4700000	ug/Kg	
SEF10011045TDF1	10/1/2010	Iron	4600000	ug/Kg	
SEE09080930JRP1	9/8/2010	Iron	4600000	ug/Kg	
SEE09281445RCM1	9/28/2010	Iron	4400000	ug/Kg	
SEE10051145RCM1	10/5/2010	Iron	4200000	ug/Kg	
SEF10151030PMB3	10/15/2010	Iron	3800000	ug/Kg	J
SEE10011043RCM1	10/1/2010	Iron	3700000	ug/Kg	
SEE09200911RCM1	9/20/2010	Iron	3500000	ug/Kg	
SEE09170935RCM1	9/17/2010	Iron	3500000	ug/Kg	
SEF10081108TDF3	10/8/2010	Iron	3200000	ug/Kg	
SEF10051206TDF3	10/5/2010	Iron	3100000	ug/Kg	
SEE09051430PML1	9/5/2010	Isophorone	3000	ug/Kg	U
SEE09011635PML1	9/1/2010	Isophorone	3000	ug/Kg	U
SEE08271145RCM1	8/27/2010	Isophorone	1600	ug/kg	U
SEE08261620RCM1	8/26/2010	Isophorone	1400	ug/kg	U
SEE08261420RCM1	8/26/2010	Isophorone	1200	ug/kg	U
SEE10211035JDF1	10/21/2010	Isophorone	960	ug/Kg	UJ
SEE10051125PML1	10/5/2010	Isophorone	930	ug/Kg	U
SEE09061500PML1	9/6/2010	Isophorone	920	ug/Kg	U
SEE09021400PML1	9/2/2010	Isophorone	920	ug/Kg	U
SEE09301105JDF1	9/30/2010	Isophorone	910	ug/Kg	U
SEE08301130PML1	8/30/2010	Isophorone	910	ug/Kg	U
SEE10191005JDF1	10/19/2010	Isophorone	880	ug/Kg	U
SEE10171410JDF1	10/17/2010	Isophorone	880	ug/Kg	U
SEE09181235PML1	9/18/2010	Isophorone	880	ug/Kg	UJ

**TABLE B-2b**  
**Upstream Sediment Samples (Morrow Lake)**

Sample ID	Sample Date	Analyte	Result	Unit	Data Qualifier
SEE09101022PML1	9/10/2010	Isophorone	880	ug/Kg	UJ
SEE09011545PML1	9/1/2010	Isophorone	870	ug/Kg	U
SEE10211430JDF1	10/21/2010	Isophorone	860	ug/Kg	U
SEE09231645JDF1	9/23/2010	Isophorone	860	ug/Kg	U
SEE09141135PML1	9/14/2010	Isophorone	860	ug/Kg	U
SEE09091410RCM1	9/9/2010	Isophorone	860	ug/Kg	U
SEE10081115PML1	10/8/2010	Isophorone	850	ug/Kg	UJ
SEE09121105RCM1	9/12/2010	Isophorone	850	ug/Kg	UJ
SEE09101215PML1	9/10/2010	Isophorone	850	ug/Kg	UJ
SEE09081020RCM1	9/8/2010	Isophorone	850	ug/Kg	U
SEE09031645MHS1	9/3/2010	Isophorone	850	ug/Kg	U
SEE09011545MHS1	9/1/2010	Isophorone	850	ug/Kg	U
SEE08311420PML1	8/31/2010	Isophorone	850	ug/Kg	U
SEE08311420PML1	8/31/2010	Isophorone	850	ug/Kg	U
SEE10131150JDF1	10/13/2010	Isophorone	840	ug/Kg	U
SEE09301255JDF1	9/30/2010	Isophorone	840	ug/Kg	U
SEE10221110JDF1	10/22/2010	Isophorone	830	ug/Kg	U
SEE10221110JDF1	10/22/2010	Isophorone	830	ug/Kg	U
SEE09030925PML1	9/3/2010	Isophorone	830	ug/Kg	U
SEE08281607TWH1	8/28/2010	Isophorone	830	ug/kg	U
SEE08281630RCM1	8/28/2010	Isophorone	830	ug/kg	U
SEE10191515JDF1	10/19/2010	Isophorone	820	ug/Kg	U
SEE10091401PML1	10/9/2010	Isophorone	820	ug/Kg	UJ
SEE09051550MHS1	9/5/2010	Isophorone	820	ug/Kg	U
SEE09291023RCM1	9/29/2010	Isophorone	810	ug/Kg	U
SEE09121436RCM1	9/12/2010	Isophorone	810	ug/Kg	UJ
SEE09021010PML1	9/2/2010	Isophorone	810	ug/Kg	U
SEE10041530JDF1	10/4/2010	Isophorone	800	ug/Kg	U
SEE09101625PML1	9/10/2010	Isophorone	800	ug/Kg	UJ
SEE09061525MHS1	9/6/2010	Isophorone	800	ug/Kg	U
SEE09031100PML1	9/3/2010	Isophorone	800	ug/Kg	U
SEE08301638MHS1	8/30/2010	Isophorone	800	ug/Kg	U
SEE10191415JDF1	10/19/2010	Isophorone	790	ug/Kg	U
SEE10181035JDF1	10/18/2010	Isophorone	790	ug/Kg	U
SEE10091614PML1	10/9/2010	Isophorone	790	ug/Kg	UJ
SEE10051653PML1	10/5/2010	Isophorone	790	ug/Kg	U
SEE09231210JDF1	9/23/2010	Isophorone	790	ug/Kg	U
SEE09141515PML1	9/14/2010	Isophorone	790	ug/Kg	U
SEE09131026RCM1	9/13/2010	Isophorone	790	ug/Kg	U
SEE09051130PML1	9/5/2010	Isophorone	790	ug/Kg	U
SEE08301550PML1	8/30/2010	Isophorone	790	ug/Kg	U
SEE10191155JDF1	10/19/2010	Isophorone	780	ug/Kg	U
SEE10171115JDF1	10/17/2010	Isophorone	780	ug/Kg	U
SEE10141015JDF1	10/14/2010	Isophorone	780	ug/Kg	UJ
SEE09220935RCM1	9/22/2010	Isophorone	780	ug/Kg	U
SEE09191445RCM1	9/19/2010	Isophorone	780	ug/Kg	U
SEE09161045PML1	9/16/2010	Isophorone	780	ug/Kg	UJ
SEE09071050PML1	9/7/2010	Isophorone	780	ug/Kg	UJ
SEE10211010JWP1	10/21/2010	Isophorone	770	ug/Kg	U
SEE10181510JDF1	10/18/2010	Isophorone	770	ug/Kg	U
SEE10181510JDF1	10/18/2010	Isophorone	770	ug/Kg	U
SEE10061205PML1	10/6/2010	Isophorone	770	ug/Kg	U
SEE10031115JDF1	10/3/2010	Isophorone	770	ug/Kg	U
SEE10031115JDF1	10/3/2010	Isophorone	770	ug/Kg	U
SEE09171415PML1	9/17/2010	Isophorone	770	ug/Kg	U
SEE09140945PML1	9/14/2010	Isophorone	770	ug/Kg	U
SEE09131445RCM1	9/13/2010	Isophorone	770	ug/Kg	U
SEE09131505PML1	9/13/2010	Isophorone	770	ug/Kg	U
SEE08301145MHS1	8/30/2010	Isophorone	770	ug/Kg	U
SEE10141555ARM1	10/14/2010	Isophorone	760	ug/Kg	UJ

**TABLE B-2b**  
**Upstream Sediment Samples (Morrow Lake)**

Sample ID	Sample Date	Analyte	Result	Unit	Data Qualifier
SEE10101215PML1	10/10/2010	Isophorone	760	ug/Kg	U
SEE10101215PML1	10/10/2010	Isophorone	760	ug/Kg	U
SEE09170839RCM1	9/17/2010	Isophorone	760	ug/Kg	U
SEE09081205PML1	9/8/2010	Isophorone	760	ug/Kg	U
SEE09031140MHS1	9/3/2010	Isophorone	760	ug/Kg	U
SEE10061051RCM1	10/6/2010	Isophorone	750	ug/Kg	U
SEE10041138RCM1	10/4/2010	Isophorone	750	ug/Kg	U
SEE09251135JDF1	9/25/2010	Isophorone	750	ug/Kg	UJ
SEE09200945PML1	9/20/2010	Isophorone	750	ug/Kg	U
SEE09200945PML1	9/20/2010	Isophorone	750	ug/Kg	U
SEE09191040PML1	9/19/2010	Isophorone	750	ug/Kg	U
SEE09181705PML1	9/18/2010	Isophorone	750	ug/Kg	UJ
SEE09091005RCM1	9/9/2010	Isophorone	750	ug/Kg	U
SEE09061105PML1	9/6/2010	Isophorone	750	ug/Kg	U
SEE09031650PML1	9/3/2010	Isophorone	750	ug/Kg	U
SEE09031650PML1	9/3/2010	Isophorone	750	ug/Kg	U
SEE10191100JDF1	10/19/2010	Isophorone	740	ug/Kg	U
SEE10141150JDF1	10/14/2010	Isophorone	740	ug/Kg	UJ
SEE10101010PML1	10/10/2010	Isophorone	740	ug/Kg	U
SEE10081051RCM1	10/8/2010	Isophorone	740	ug/Kg	UJ
SEE09261625JDF1	9/26/2010	Isophorone	740	ug/Kg	U
SEE09261625JDF1	9/26/2010	Isophorone	740	ug/Kg	U
SEE09191530PML1	9/19/2010	Isophorone	740	ug/Kg	U
SEE09151145PML1	9/15/2010	Isophorone	740	ug/Kg	U
SEE09151145PML1	9/15/2010	Isophorone	740	ug/Kg	U
SEE09121055PML1	9/12/2010	Isophorone	740	ug/Kg	UJ
SEE09121055PML1	9/12/2010	Isophorone	740	ug/Kg	UJ
SEE09091515PML1	9/9/2010	Isophorone	740	ug/Kg	U
SEE09081010PML1	9/8/2010	Isophorone	740	ug/Kg	U
SEE08311045PML1	8/31/2010	Isophorone	740	ug/Kg	U
SEE10161530JDF1	10/16/2010	Isophorone	730	ug/Kg	U
SEE10141550JDF1	10/14/2010	Isophorone	730	ug/Kg	UJ
SEE10141550JDF1	10/14/2010	Isophorone	730	ug/Kg	UJ
SEE10121155JDF1	10/12/2010	Isophorone	730	ug/Kg	U
SEE10011120JDF1	10/1/2010	Isophorone	730	ug/Kg	UJ
SEE09260930RCM1	9/26/2010	Isophorone	730	ug/Kg	U
SEE09230955RCM1	9/23/2010	Isophorone	730	ug/Kg	U
SEE09151015PML1	9/15/2010	Isophorone	730	ug/Kg	U
SEE09111015PML1	9/11/2010	Isophorone	730	ug/Kg	UJ
SEE08281505PML1	8/28/2010	Isophorone	730	ug/kg	U
SEE10181210JDF1	10/18/2010	Isophorone	720	ug/Kg	U
SEE10150945JDF1	10/15/2010	Isophorone	720	ug/Kg	U
SEE10120930JDF1	10/12/2010	Isophorone	720	ug/Kg	U
SEE10081231PML1	10/8/2010	Isophorone	720	ug/Kg	UJ
SEE10071042RCM1	10/7/2010	Isophorone	720	ug/Kg	U
SEE10071101PML1	10/7/2010	Isophorone	720	ug/Kg	U
SEE09261215JDF1	9/26/2010	Isophorone	720	ug/Kg	U
SEE09011050PML1	9/1/2010	Isophorone	720	ug/Kg	U
SEE08271215PML1	8/27/2010	Isophorone	720	ug/kg	U
SEE10221055DWS1	10/22/2010	Isophorone	710	ug/Kg	U
SEE09221440JDF1	9/22/2010	Isophorone	710	ug/Kg	U
SEE09040950PML1	9/4/2010	Isophorone	710	ug/Kg	U
SEE10181430JWP1	10/18/2010	Isophorone	700	ug/Kg	U
SEE10161115ARM1	10/16/2010	Isophorone	700	ug/Kg	U
SEE10061640PML1	10/6/2010	Isophorone	700	ug/Kg	U
SEE10061640PML1	10/6/2010	Isophorone	700	ug/Kg	U
SEE09301205RCM1	9/30/2010	Isophorone	700	ug/Kg	U
SEE09211155JDF1	9/21/2010	Isophorone	700	ug/Kg	UJ
SEE09201115RCM1	9/20/2010	Isophorone	700	ug/Kg	U
SEE09171445RCM1	9/17/2010	Isophorone	700	ug/Kg	U



**TABLE B-2b**  
**Upstream Sediment Samples (Morrow Lake)**

Sample ID	Sample Date	Analyte	Result	Unit	Data Qualifier
SEE09161035RCM1	9/16/2010	Isophorone	700	ug/Kg	UJ
SEE10191010JWP1	10/19/2010	Isophorone	690	ug/Kg	U
SEE10041150JDF1	10/4/2010	Isophorone	690	ug/Kg	U
SEE09121450PML1	9/12/2010	Isophorone	690	ug/Kg	UJ
SEE08301520JRP1	8/30/2010	Isophorone	690	ug/Kg	U
SEE08271614TWH1	8/27/2010	Isophorone	690	ug/kg	U
SEE10111125JDF1	10/11/2010	Isophorone	680	ug/Kg	U
SEE09271130JDF1	9/27/2010	Isophorone	680	ug/Kg	U
SEE09131620PML1	9/13/2010	Isophorone	680	ug/Kg	UJ
SEE09061130MHS1	9/6/2010	Isophorone	680	ug/Kg	U
SEE08261445JRP1	8/26/2010	Isophorone	680	ug/Kg	U
SEE10031425JDF1	10/3/2010	Isophorone	670	ug/Kg	U
SEE09291035JDF1	9/29/2010	Isophorone	670	ug/Kg	U
SEE09250905RCM1	9/25/2010	Isophorone	670	ug/Kg	UJ
SEE09211530JDF1	9/21/2010	Isophorone	670	ug/Kg	UJ
SEE09131125PML1	9/13/2010	Isophorone	670	ug/Kg	U
SEE09091605PML1	9/9/2010	Isophorone	670	ug/Kg	U
SEE09041350PML1	9/4/2010	Isophorone	670	ug/Kg	U
SEE09011255PML1	9/1/2010	Isophorone	670	ug/Kg	U
SEE09170945PML1	9/17/2010	Isophorone	660	ug/Kg	U
SEE09091145PML1	9/9/2010	Isophorone	660	ug/Kg	U
SEE08301445JRP1	8/30/2010	Isophorone	660	ug/Kg	U
SEE08271500PML1	8/27/2010	Isophorone	660	ug/kg	U
SEE09091410PML1	9/9/2010	Isophorone	650	ug/Kg	U
SEE09171125PML1	9/17/2010	Isophorone	640	ug/Kg	U
SEE09051015PML1	9/5/2010	Isophorone	640	ug/Kg	U
SEE10161415JDF1	10/16/2010	Isophorone	630	ug/Kg	U
SEE10111011JDF1	10/11/2010	Isophorone	630	ug/Kg	U
SEE09130940PML1	9/13/2010	Isophorone	630	ug/Kg	U
SEE08301015JRP1	8/30/2010	Isophorone	630	ug/Kg	U
SEE10121415ARM1	10/12/2010	Isophorone	620	ug/Kg	U
SEE10071540PML1	10/7/2010	Isophorone	620	ug/Kg	U
SEE09031115JAW1	9/3/2010	Isophorone	620	ug/Kg	U
SEE08301530JAW1	8/30/2010	Isophorone	620	ug/Kg	U
SEE10161055JDF1	10/16/2010	Isophorone	610	ug/Kg	U
SEE10071205PML1	10/7/2010	Isophorone	610	ug/Kg	U
SEE09271515JDF1	9/27/2010	Isophorone	610	ug/Kg	U
SEE09211112RCM1	9/21/2010	Isophorone	610	ug/Kg	UJ
SEE09201645ARM1	9/20/2010	Isophorone	610	ug/Kg	U
SEE09171530PML1	9/17/2010	Isophorone	610	ug/Kg	U
SEE09091010PML1	9/9/2010	Isophorone	610	ug/Kg	U
SEE09091025JRP1	9/9/2010	Isophorone	610	ug/Kg	U
SEE10111350JDF1	10/11/2010	Isophorone	600	ug/Kg	U
SEE09290925JDF1	9/29/2010	Isophorone	600	ug/Kg	U
SEE09221105JDF1	9/22/2010	Isophorone	600	ug/Kg	U
SEE09221615JDF1	9/22/2010	Isophorone	600	ug/Kg	U
SEE10151055ARM1	10/15/2010	Isophorone	590	ug/Kg	U
SEE09301255MAE1	9/30/2010	Isophorone	590	ug/Kg	U
SEE09011145PML1	9/1/2010	Isophorone	590	ug/Kg	U
SEE08291110PML1	8/29/2010	Isophorone	590	ug/kg	U
SEE10041050JDF1	10/4/2010	Isophorone	580	ug/Kg	U
SEE09231130ARM1	9/23/2010	Isophorone	580	ug/Kg	U
SEE10121030JDF1	10/12/2010	Isophorone	570	ug/Kg	U
SEE10041335JDF1	10/4/2010	Isophorone	570	ug/Kg	U
SEE09271025ARM1	9/27/2010	Isophorone	570	ug/Kg	U
SEE08281215PML1	8/28/2010	Isophorone	570	ug/kg	U
SEE08281420TWH1	8/28/2010	Isophorone	570	ug/kg	U
SEE10040945JDF1	10/4/2010	Isophorone	560	ug/Kg	U
SEE09130955JRP1	9/13/2010	Isophorone	560	ug/Kg	U
SEE09291645JDF1	9/29/2010	Isophorone	550	ug/Kg	U

**TABLE B-2b**  
**Upstream Sediment Samples (Morrow Lake)**

Sample ID	Sample Date	Analyte	Result	Unit	Data Qualifier
SEE08281510TWH1	8/28/2010	Isophorone	540	ug/kg	U
SEE09141312RCM1	9/14/2010	Isophorone	530	ug/Kg	U
SEE08291421KAP1	8/29/2010	Isophorone	510	ug/kg	U
SEE08271652TWH1	8/27/2010	Isophorone	500	ug/kg	U
SEE10151355ARM1	10/15/2010	Isophorone	480	ug/Kg	U
SEE10041355ARM1	10/4/2010	Isophorone	480	ug/Kg	U
SEE09090900JRP1	9/9/2010	Isophorone	470	ug/Kg	U
SEE08311010JRP1	8/31/2010	Isophorone	470	ug/Kg	U
SEE08311348MHS1	8/31/2010	Isophorone	470	ug/Kg	U
SEE10170915JDF1	10/17/2010	Isophorone	460	ug/Kg	U
SEE10071415ARM1	10/7/2010	Isophorone	460	ug/Kg	U
SEE09291135JDF1	9/29/2010	Isophorone	460	ug/Kg	U
SEE10071151RCM1	10/7/2010	Isophorone	430	ug/Kg	U
SEE08300920JRP1	8/30/2010	Isophorone	410	ug/Kg	U
SEE08291550KAP1	8/29/2010	Isophorone	410	ug/kg	U
SEE10221450DWS1	10/22/2010	Isophorone	390	ug/Kg	U
SEE09051500MHS1	9/5/2010	Isophorone	380	ug/Kg	U
SEE10141025ARM1	10/14/2010	Isophorone	370	ug/Kg	UJ
SEE10211345JWP1	10/21/2010	Isophorone	330	ug/Kg	U
SEE10091200ARM1	10/9/2010	Isophorone	330	ug/Kg	UJ
SEE09130915JRP1	9/13/2010	Isophorone	330	ug/Kg	U
SEE08291354KAP1	8/29/2010	Isophorone	330	ug/kg	U
SEE09061610JAW1	9/6/2010	Isophorone	290	ug/Kg	U
SEE10051415ARM1	10/5/2010	Isophorone	280	ug/Kg	U
SEE10171535ARM1	10/17/2010	Isophorone	270	ug/Kg	U
SEE08291445PML1	8/29/2010	Isophorone	270	ug/kg	U
SEE08261700JRP1	8/26/2010	Isophorone	270	ug/Kg	U
SEE09100945RCM1	9/10/2010	Isophorone	260	ug/Kg	UJ
SEE08301410JRP1	8/30/2010	Isophorone	260	ug/Kg	U
SEE10011125ARM1	10/1/2010	Isophorone	250	ug/Kg	UJ
SEE09211120ARM1	9/21/2010	Isophorone	250	ug/Kg	UJ
SEE09201110ARM1	9/20/2010	Isophorone	250	ug/Kg	U
SEF10221050MAE3	10/22/2010	Isophorone	240	ug/Kg	U
SEF10191135NAC3	10/19/2010	Isophorone	240	ug/Kg	U
SEE10081035ARM1	10/8/2010	Isophorone	240	ug/Kg	UJ
SEE09171200ARM1	9/17/2010	Isophorone	240	ug/Kg	U
SEF10011045TDF1	10/1/2010	Isophorone	230	ug/Kg	UJ
SEE09290915MAE1	9/29/2010	Isophorone	230	ug/Kg	U
SEE09271500ARM1	9/27/2010	Isophorone	230	ug/Kg	U
SEE09231205RCM1	9/23/2010	Isophorone	230	ug/Kg	U
SEE09200911RCM1	9/20/2010	Isophorone	230	ug/Kg	U
SEE09140945JRP1	9/14/2010	Isophorone	230	ug/Kg	U
SEE08271445JRP1	8/27/2010	Isophorone	230	ug/kg	U
SEF10081108TDF3	10/8/2010	Isophorone	220	ug/Kg	UJ
SEE10071045ARM1	10/7/2010	Isophorone	220	ug/Kg	U
SEE10041045ARM1	10/4/2010	Isophorone	220	ug/Kg	U
SEE10011043RCM1	10/1/2010	Isophorone	220	ug/Kg	UJ
SEE09281445RCM1	9/28/2010	Isophorone	220	ug/Kg	U
SEE09251235ARM1	9/25/2010	Isophorone	220	ug/Kg	UJ
SEE09231035ARM1	9/23/2010	Isophorone	220	ug/Kg	U
SEE09170935RCM1	9/17/2010	Isophorone	220	ug/Kg	U
SEE09150915JRP1	9/15/2010	Isophorone	220	ug/Kg	U
SEE09070930JRP1	9/7/2010	Isophorone	220	ug/Kg	UJ
SEB09011143JLS1	9/1/2010	Isophorone	220	ug/Kg	U
SEE08301100JRP1	8/30/2010	Isophorone	220	ug/Kg	U
SEE08271536TWH1	8/27/2010	Isophorone	220	ug/kg	U
SEE10191115JWP1	10/19/2010	Isophorone	210	ug/Kg	U
SEF10151030PMB3	10/15/2010	Isophorone	210	ug/Kg	U
SEF10121130PMB3	10/12/2010	Isophorone	210	ug/Kg	U
SEE10061135ARM1	10/6/2010	Isophorone	210	ug/Kg	U

**TABLE B-2b**  
**Upstream Sediment Samples (Morrow Lake)**

Sample ID	Sample Date	Analyte	Result	Unit	Data Qualifier
SEF10051206TDF3	10/5/2010	Isophorone	210	ug/Kg	U
SEE09100920JRP1	9/10/2010	Isophorone	210	ug/Kg	UJ
SEE09051500JAW1	9/5/2010	Isophorone	210	ug/Kg	U
SEB08281400JLS1	8/28/2010	Isophorone	210	ug/kg	U
SEE08281540JRP1	8/28/2010	Isophorone	210	ug/kg	U
SEE10131035ARM1	10/13/2010	Isophorone	200	ug/Kg	U
SEE10121040ARM1	10/12/2010	Isophorone	200	ug/Kg	U
SEE10051145RCM1	10/5/2010	Isophorone	200	ug/Kg	U
SEE09301025MAE1	9/30/2010	Isophorone	200	ug/Kg	U
SEF09281139TDF1	9/28/2010	Isophorone	200	ug/Kg	U
SEE09221045ARM1	9/22/2010	Isophorone	200	ug/Kg	U
SEE09080930JRP1	9/8/2010	Isophorone	200	ug/Kg	U
SEE09011515JAW1	9/1/2010	Isophorone	200	ug/Kg	U
SEE10181030JWP1	10/18/2010	Isophorone	190	ug/Kg	U
ML-07-S-081810	8/18/2010	Isophorone	0.37	mg/Kg	UJ
ML-06-S-082310	8/23/2010	Isophorone	0.33	mg/Kg	U
ML-04-S-081710	8/17/2010	Isophorone	0.32	mg/Kg	U
ML-04-S-082610	8/26/2010	Isophorone	0.31	mg/Kg	U
ML-03-S-082310	8/23/2010	Isophorone	0.31	mg/Kg	U
ML-10-S-081910	8/19/2010	Isophorone	0.31	mg/Kg	U
ML-10-S-081910	8/19/2010	Isophorone	0.31	mg/Kg	U
ML-09-S-081810	8/18/2010	Isophorone	0.31	mg/Kg	UJ
ML-06-S-081710	8/17/2010	Isophorone	0.31	mg/Kg	U
ML-10-S-082610	8/26/2010	Isophorone	0.30	mg/Kg	U
ML-10-S-082610	8/26/2010	Isophorone	0.30	mg/Kg	U
ML-05-S-082310	8/23/2010	Isophorone	0.28	mg/Kg	U
ML-01-S-081910	8/19/2010	Isophorone	0.27	mg/Kg	U
ML-05-S-081710	8/17/2010	Isophorone	0.26	mg/Kg	U
ML-02-S-082310	8/23/2010	Isophorone	0.25	mg/Kg	U
ML-02-S-081710	8/17/2010	Isophorone	0.24	mg/Kg	U
ML-06-S-082510	8/25/2010	Isophorone	0.18	mg/Kg	U
ML-07-S-082410	8/24/2010	Isophorone	0.18	mg/Kg	UJ
ML-07-S-082110	8/21/2010	Isophorone	0.18	mg/Kg	U
ML-05-S-082610	8/26/2010	Isophorone	0.17	mg/Kg	U
ML-07-S-082510	8/25/2010	Isophorone	0.17	mg/Kg	U
ML-08-S-082110	8/21/2010	Isophorone	0.17	mg/Kg	U
ML-07-S-081610	8/16/2010	Isophorone	0.17	mg/Kg	U
ML-08-S-081610	8/16/2010	Isophorone	0.17	mg/Kg	U
ML-08-S-082510	8/25/2010	Isophorone	0.16	mg/Kg	U
ML-08-S-082410	8/24/2010	Isophorone	0.16	mg/Kg	UJ
ML-06-S-082010	8/20/2010	Isophorone	0.16	mg/Kg	U
ML-01-S-081610	8/16/2010	Isophorone	0.16	mg/Kg	U
ML-01-S-082510	8/25/2010	Isophorone	0.15	mg/Kg	U
ML-09-S-082510	8/25/2010	Isophorone	0.15	mg/Kg	U
ML-04-S-082410	8/24/2010	Isophorone	0.15	mg/Kg	UJ
ML-10-S-082410	8/24/2010	Isophorone	0.15	mg/Kg	UJ
ML-10-S-082410	8/24/2010	Isophorone	0.15	mg/Kg	UJ
ML-09-S-082110	8/21/2010	Isophorone	0.15	mg/Kg	U
ML-10-S-082110	8/21/2010	Isophorone	0.15	mg/Kg	U
ML-10-S-082110	8/21/2010	Isophorone	0.15	mg/Kg	U
ML-05-S-082010	8/20/2010	Isophorone	0.15	mg/Kg	U
ML-10-S-081610	8/16/2010	Isophorone	0.15	mg/Kg	U
ML-10-S-081610	8/16/2010	Isophorone	0.15	mg/Kg	U
ML-02-S-082510	8/25/2010	Isophorone	0.14	mg/Kg	U
ML-09-S-082410	8/24/2010	Isophorone	0.14	mg/Kg	UJ
ML-01-S-082110	8/21/2010	Isophorone	0.14	mg/Kg	U
ML-03-S-082510	8/25/2010	Isophorone	0.13	mg/Kg	U
ML-02-S-082010	8/20/2010	Isophorone	0.13	mg/Kg	U
ML-03-S-082010	8/20/2010	Isophorone	0.13	mg/Kg	U
ML-04-S-082010	8/20/2010	Isophorone	0.13	mg/Kg	U

**TABLE B-2b**  
**Upstream Sediment Samples (Morrow Lake)**

Sample ID	Sample Date	Analyte	Result	Unit	Data Qualifier
ML-03-S-081610	8/16/2010	Isophorone	0.12	mg/Kg	U
SEE10141015JDF1	10/14/2010	Isopropylbenzene	280	ug/Kg	U
SEE09200945PML1	9/20/2010	Isopropylbenzene	60	ug/Kg	U
SEE09200945PML1	9/20/2010	Isopropylbenzene	60	ug/Kg	U
SEE09201115RCM1	9/20/2010	Isopropylbenzene	58	ug/Kg	U
SEE09201645ARM1	9/20/2010	Isopropylbenzene	48	ug/Kg	U
SEE10071042RCM1	10/7/2010	Isopropylbenzene	45	ug/Kg	UJ
SEE09061500PML1	9/6/2010	Isopropylbenzene	45	ug/Kg	U
SEE08281607TWH1	8/28/2010	Isopropylbenzene	44	ug/kg	U
SEE09301105JDF1	9/30/2010	Isopropylbenzene	42	ug/Kg	U
SEE09181705PML1	9/18/2010	Isopropylbenzene	42	ug/Kg	U
SEE09021400PML1	9/2/2010	Isopropylbenzene	41	ug/Kg	U
SEE08301130PML1	8/30/2010	Isopropylbenzene	41	ug/Kg	U
SEE10091401PML1	10/9/2010	Isopropylbenzene	40	ug/Kg	U
SEE10181035JDF1	10/18/2010	Isopropylbenzene	39	ug/Kg	U
SEE10051125PML1	10/5/2010	Isopropylbenzene	39	ug/Kg	U
SEE08311045PML1	8/31/2010	Isopropylbenzene	39	ug/Kg	U
SEE10141555ARM1	10/14/2010	Isopropylbenzene	38	ug/Kg	U
SEE09101215PML1	9/10/2010	Isopropylbenzene	38	ug/Kg	U
SEE10161530JDF1	10/16/2010	Isopropylbenzene	37	ug/Kg	U
SEE10081115PML1	10/8/2010	Isopropylbenzene	37	ug/Kg	U
SEE09030925PML1	9/3/2010	Isopropylbenzene	37	ug/Kg	UJ
SEE09031115JAW1	9/3/2010	Isopropylbenzene	37	ug/Kg	UJ
SEE08281505PML1	8/28/2010	Isopropylbenzene	37	ug/kg	U
SEE10171410JDF1	10/17/2010	Isopropylbenzene	36	ug/Kg	U
SEE09191530PML1	9/19/2010	Isopropylbenzene	36	ug/Kg	U
SEE09181235PML1	9/18/2010	Isopropylbenzene	36	ug/Kg	U
SEE09141135PML1	9/14/2010	Isopropylbenzene	36	ug/Kg	U
SEE09101022PML1	9/10/2010	Isopropylbenzene	36	ug/Kg	U
SEE10171115JDF1	10/17/2010	Isopropylbenzene	35	ug/Kg	U
SEE08311420PML1	8/31/2010	Isopropylbenzene	35	ug/Kg	U
SEE08311420PML1	8/31/2010	Isopropylbenzene	35	ug/Kg	U
SEE08271215PML1	8/27/2010	Isopropylbenzene	35	ug/kg	U
SEE10041530JDF1	10/4/2010	Isopropylbenzene	34	ug/Kg	U
SEE09121105RCM1	9/12/2010	Isopropylbenzene	34	ug/Kg	U
SEE09011545PML1	9/1/2010	Isopropylbenzene	34	ug/Kg	U
SEE08301550PML1	8/30/2010	Isopropylbenzene	34	ug/Kg	U
SEE10181210JDF1	10/18/2010	Isopropylbenzene	33	ug/Kg	U
SEE10181430JWP1	10/18/2010	Isopropylbenzene	33	ug/Kg	U
SEE10181510JDF1	10/18/2010	Isopropylbenzene	33	ug/Kg	U
SEE10181510JDF1	10/18/2010	Isopropylbenzene	33	ug/Kg	U
SEE10131150JDF1	10/13/2010	Isopropylbenzene	33	ug/Kg	U
SEE10101010PML1	10/10/2010	Isopropylbenzene	33	ug/Kg	U
SEE10101215PML1	10/10/2010	Isopropylbenzene	33	ug/Kg	U
SEE10101215PML1	10/10/2010	Isopropylbenzene	33	ug/Kg	U
SEE09140945PML1	9/14/2010	Isopropylbenzene	33	ug/Kg	U
SEE09061525MHS1	9/6/2010	Isopropylbenzene	33	ug/Kg	U
SEE09051130PML1	9/5/2010	Isopropylbenzene	33	ug/Kg	U
SEE09031100PML1	9/3/2010	Isopropylbenzene	33	ug/Kg	UJ
SEE09021010PML1	9/2/2010	Isopropylbenzene	33	ug/Kg	U
SEE08281630RCM1	8/28/2010	Isopropylbenzene	33	ug/kg	U
SEE10031115JDF1	10/3/2010	Isopropylbenzene	32	ug/Kg	U
SEE10031115JDF1	10/3/2010	Isopropylbenzene	32	ug/Kg	U
SEE09301205RCM1	9/30/2010	Isopropylbenzene	32	ug/Kg	U
SEE09301255JDF1	9/30/2010	Isopropylbenzene	32	ug/Kg	U
SEE09231645JDF1	9/23/2010	Isopropylbenzene	32	ug/Kg	U
SEE09141515PML1	9/14/2010	Isopropylbenzene	32	ug/Kg	U
SEE09101625PML1	9/10/2010	Isopropylbenzene	32	ug/Kg	U
SEE09091005RCM1	9/9/2010	Isopropylbenzene	32	ug/Kg	U
SEE09061105PML1	9/6/2010	Isopropylbenzene	32	ug/Kg	U

**TABLE B-2b**  
**Upstream Sediment Samples (Morrow Lake)**

Sample ID	Sample Date	Analyte	Result	Unit	Data Qualifier
SEE09031650PML1	9/3/2010	Isopropylbenzene	32	ug/Kg	UJ
SEE09031650PML1	9/3/2010	Isopropylbenzene	32	ug/Kg	UJ
SEE10081231PML1	10/8/2010	Isopropylbenzene	31	ug/Kg	U
SEE09231210JDF1	9/23/2010	Isopropylbenzene	31	ug/Kg	U
SEE09161045PML1	9/16/2010	Isopropylbenzene	31	ug/Kg	U
SEE09081205PML1	9/8/2010	Isopropylbenzene	31	ug/Kg	U
SEE09071050PML1	9/7/2010	Isopropylbenzene	31	ug/Kg	U
SEE08301145MHS1	8/30/2010	Isopropylbenzene	31	ug/Kg	U
SEE10161115ARM1	10/16/2010	Isopropylbenzene	30	ug/Kg	U
SEE10120930JDF1	10/12/2010	Isopropylbenzene	30	ug/Kg	U
SEE10071101PML1	10/7/2010	Isopropylbenzene	30	ug/Kg	UJ
SEE09261625JDF1	9/26/2010	Isopropylbenzene	30	ug/Kg	U
SEE09261625JDF1	9/26/2010	Isopropylbenzene	30	ug/Kg	U
SEE09131445RCM1	9/13/2010	Isopropylbenzene	30	ug/Kg	U
SEE09121055PML1	9/12/2010	Isopropylbenzene	30	ug/Kg	U
SEE09121055PML1	9/12/2010	Isopropylbenzene	30	ug/Kg	U
SEE09121436RCM1	9/12/2010	Isopropylbenzene	30	ug/Kg	U
SEE09091410RCM1	9/9/2010	Isopropylbenzene	30	ug/Kg	U
SEE09011050PML1	9/1/2010	Isopropylbenzene	30	ug/Kg	U
SEE10081051RCM1	10/8/2010	Isopropylbenzene	29	ug/Kg	U
SEE10061640PML1	10/6/2010	Isopropylbenzene	29	ug/Kg	U
SEE10061640PML1	10/6/2010	Isopropylbenzene	29	ug/Kg	U
SEE10051653PML1	10/5/2010	Isopropylbenzene	29	ug/Kg	U
SEE09261215JDF1	9/26/2010	Isopropylbenzene	29	ug/Kg	U
SEE09231130ARM1	9/23/2010	Isopropylbenzene	29	ug/Kg	U
SEE09191040PML1	9/19/2010	Isopropylbenzene	29	ug/Kg	U
SEE09131026RCM1	9/13/2010	Isopropylbenzene	29	ug/Kg	U
SEE09131505PML1	9/13/2010	Isopropylbenzene	29	ug/Kg	U
SEE09040950PML1	9/4/2010	Isopropylbenzene	29	ug/Kg	U
SEE10011120JDF1	10/1/2010	Isopropylbenzene	28	ug/Kg	U
SEE09211155JDF1	9/21/2010	Isopropylbenzene	28	ug/Kg	U
SEE09171415PML1	9/17/2010	Isopropylbenzene	28	ug/Kg	U
SEE09151145PML1	9/15/2010	Isopropylbenzene	28	ug/Kg	U
SEE09151145PML1	9/15/2010	Isopropylbenzene	28	ug/Kg	U
SEE09131620PML1	9/13/2010	Isopropylbenzene	28	ug/Kg	U
SEE09121450PML1	9/12/2010	Isopropylbenzene	28	ug/Kg	U
SEE09091515PML1	9/9/2010	Isopropylbenzene	28	ug/Kg	U
SEE09081010PML1	9/8/2010	Isopropylbenzene	28	ug/Kg	U
SEE09081020RCM1	9/8/2010	Isopropylbenzene	28	ug/Kg	U
SEE09011255PML1	9/1/2010	Isopropylbenzene	28	ug/Kg	U
SEE08301015JRP1	8/30/2010	Isopropylbenzene	28	ug/Kg	U
SEE08261420RCM1	8/26/2010	Isopropylbenzene	28	ug/kg	U
SEE10091614PML1	10/9/2010	Isopropylbenzene	27	ug/Kg	U
SEE10061205PML1	10/6/2010	Isopropylbenzene	27	ug/Kg	U
SEE10041150JDF1	10/4/2010	Isopropylbenzene	27	ug/Kg	U
SEE09251135JDF1	9/25/2010	Isopropylbenzene	27	ug/Kg	U
SEE09221440JDF1	9/22/2010	Isopropylbenzene	27	ug/Kg	U
SEE09170839RCM1	9/17/2010	Isopropylbenzene	27	ug/Kg	U
SEE09151015PML1	9/15/2010	Isopropylbenzene	27	ug/Kg	U
SEE08291110PML1	8/29/2010	Isopropylbenzene	27	ug/kg	U
SEE10141150JDF1	10/14/2010	Isopropylbenzene	26	ug/Kg	U
SEE10141550JDF1	10/14/2010	Isopropylbenzene	26	ug/Kg	U
SEE10141550JDF1	10/14/2010	Isopropylbenzene	26	ug/Kg	U
SEE10121155JDF1	10/12/2010	Isopropylbenzene	26	ug/Kg	U
SEE09271130JDF1	9/27/2010	Isopropylbenzene	26	ug/Kg	U
SEE09131125PML1	9/13/2010	Isopropylbenzene	26	ug/Kg	U
SEE09091010PML1	9/9/2010	Isopropylbenzene	26	ug/Kg	U
SEE09091145PML1	9/9/2010	Isopropylbenzene	26	ug/Kg	U
SEE09091410PML1	9/9/2010	Isopropylbenzene	26	ug/Kg	U
SEE09061130MHS1	9/6/2010	Isopropylbenzene	26	ug/Kg	U

**TABLE B-2b**  
**Upstream Sediment Samples (Morrow Lake)**

Sample ID	Sample Date	Analyte	Result	Unit	Data Qualifier
SEE09011145PML1	9/1/2010	Isopropylbenzene	26	ug/Kg	U
SEE08301638MHS1	8/30/2010	Isopropylbenzene	26	ug/Kg	U
SEE10151055ARM1	10/15/2010	Isopropylbenzene	25	ug/Kg	U
SEE10121415ARM1	10/12/2010	Isopropylbenzene	25	ug/Kg	U
SEE10111125JDF1	10/11/2010	Isopropylbenzene	25	ug/Kg	U
SEE10031425JDF1	10/3/2010	Isopropylbenzene	25	ug/Kg	U
SEE09291035JDF1	9/29/2010	Isopropylbenzene	25	ug/Kg	U
SEE09220935RCM1	9/22/2010	Isopropylbenzene	25	ug/Kg	U
SEE09111015PML1	9/11/2010	Isopropylbenzene	25	ug/Kg	U
SEE09051015PML1	9/5/2010	Isopropylbenzene	25	ug/Kg	U
SEE08301445JRP1	8/30/2010	Isopropylbenzene	25	ug/Kg	U
SEE10161415JDF1	10/16/2010	Isopropylbenzene	24	ug/Kg	U
SEE10040945JDF1	10/4/2010	Isopropylbenzene	24	ug/Kg	U
SEE09230955RCM1	9/23/2010	Isopropylbenzene	24	ug/Kg	U
SEE09211530JDF1	9/21/2010	Isopropylbenzene	24	ug/Kg	U
SEE09170945PML1	9/17/2010	Isopropylbenzene	24	ug/Kg	U
SEE09171125PML1	9/17/2010	Isopropylbenzene	24	ug/Kg	U
SEE09130955JRP1	9/13/2010	Isopropylbenzene	24	ug/Kg	U
SEE09091605PML1	9/9/2010	Isopropylbenzene	24	ug/Kg	U
SEE09041350PML1	9/4/2010	Isopropylbenzene	24	ug/Kg	U
SEE10071205PML1	10/7/2010	Isopropylbenzene	23	ug/Kg	UJ
SEE10071540PML1	10/7/2010	Isopropylbenzene	23	ug/Kg	UJ
SEE10041335JDF1	10/4/2010	Isopropylbenzene	23	ug/Kg	U
SEE09271025ARM1	9/27/2010	Isopropylbenzene	23	ug/Kg	U
SEE09171530PML1	9/17/2010	Isopropylbenzene	23	ug/Kg	U
SEE09051430PML1	9/5/2010	Isopropylbenzene	23	ug/Kg	U
SEE08271500PML1	8/27/2010	Isopropylbenzene	23	ug/kg	U
SEE10150945JDF1	10/15/2010	Isopropylbenzene	22	ug/Kg	U
SEE10111011JDF1	10/11/2010	Isopropylbenzene	22	ug/Kg	U
SEE10111350JDF1	10/11/2010	Isopropylbenzene	22	ug/Kg	U
SEE10061051RCM1	10/6/2010	Isopropylbenzene	22	ug/Kg	U
SEE10041355ARM1	10/4/2010	Isopropylbenzene	22	ug/Kg	U
SEE09271515JDF1	9/27/2010	Isopropylbenzene	22	ug/Kg	U
SEE09221105JDF1	9/22/2010	Isopropylbenzene	22	ug/Kg	U
SEE09130940PML1	9/13/2010	Isopropylbenzene	22	ug/Kg	U
SEE08281215PML1	8/28/2010	Isopropylbenzene	22	ug/kg	U
SEE10121030JDF1	10/12/2010	Isopropylbenzene	21	ug/Kg	U
SEE09290925JDF1	9/29/2010	Isopropylbenzene	21	ug/Kg	U
SEE09091025JRP1	9/9/2010	Isopropylbenzene	21	ug/Kg	U
SEE09011635PML1	9/1/2010	Isopropylbenzene	21	ug/Kg	U
SEE08301520JRP1	8/30/2010	Isopropylbenzene	21	ug/Kg	U
SEE08281420TWH1	8/28/2010	Isopropylbenzene	21	ug/kg	U
SEE08261445JRP1	8/26/2010	Isopropylbenzene	21	ug/Kg	U
SEE10161055JDF1	10/16/2010	Isopropylbenzene	20	ug/Kg	U
SEE10151355ARM1	10/15/2010	Isopropylbenzene	20	ug/Kg	U
SEE10071415ARM1	10/7/2010	Isopropylbenzene	20	ug/Kg	UJ
SEE09031140MHS1	9/3/2010	Isopropylbenzene	20	ug/Kg	UJ
SEE08291421KAP1	8/29/2010	Isopropylbenzene	20	ug/kg	U
SEE08271145RCM1	8/27/2010	Isopropylbenzene	20	ug/kg	U
SEE10041050JDF1	10/4/2010	Isopropylbenzene	19	ug/Kg	U
SEE09301255MAE1	9/30/2010	Isopropylbenzene	19	ug/Kg	U
SEE09291645JDF1	9/29/2010	Isopropylbenzene	19	ug/Kg	U
SEE09051550MHS1	9/5/2010	Isopropylbenzene	19	ug/Kg	U
SEE09031645MHS1	9/3/2010	Isopropylbenzene	19	ug/Kg	UJ
SEE10041138RCM1	10/4/2010	Isopropylbenzene	18	ug/Kg	U
SEE09221615JDF1	9/22/2010	Isopropylbenzene	18	ug/Kg	U
SEE09191445RCM1	9/19/2010	Isopropylbenzene	18	ug/Kg	U
SEE08311010JRP1	8/31/2010	Isopropylbenzene	18	ug/Kg	U
SEE09250905RCM1	9/25/2010	Isopropylbenzene	17	ug/Kg	U
SEE09200911RCM1	9/20/2010	Isopropylbenzene	17	ug/Kg	U

**TABLE B-2b**  
**Upstream Sediment Samples (Morrow Lake)**

Sample ID	Sample Date	Analyte	Result	Unit	Data Qualifier
SEE09090900JRP1	9/9/2010	Isopropylbenzene	17	ug/Kg	U
SEE09011545MHS1	9/1/2010	Isopropylbenzene	17	ug/Kg	U
SEE08281510TWH1	8/28/2010	Isopropylbenzene	17	ug/kg	U
SEE10170915JDF1	10/17/2010	Isopropylbenzene	16	ug/Kg	U
SEE09291135JDF1	9/29/2010	Isopropylbenzene	16	ug/Kg	U
SEE09260930RCM1	9/26/2010	Isopropylbenzene	16	ug/Kg	U
SEE09201110ARM1	9/20/2010	Isopropylbenzene	15	ug/Kg	U
SEE08301530JAW1	8/30/2010	Isopropylbenzene	15	ug/Kg	U
SEE08291550KAP1	8/29/2010	Isopropylbenzene	15	ug/kg	U
SEE10071151RCM1	10/7/2010	Isopropylbenzene	14	ug/Kg	UJ
SEE09211112RCM1	9/21/2010	Isopropylbenzene	14	ug/Kg	U
SEE08311348MHS1	8/31/2010	Isopropylbenzene	14	ug/Kg	U
SEE08300920JRP1	8/30/2010	Isopropylbenzene	14	ug/Kg	U
SEE08261620RCM1	8/26/2010	Isopropylbenzene	14	ug/kg	U
SEE10141025ARM1	10/14/2010	Isopropylbenzene	12	ug/Kg	U
SEE09130915JRP1	9/13/2010	Isopropylbenzene	12	ug/Kg	U
SEE10091200ARM1	10/9/2010	Isopropylbenzene	11	ug/Kg	U
SEE09291023RCM1	9/29/2010	Isopropylbenzene	11	ug/Kg	U
SEE09171445RCM1	9/17/2010	Isopropylbenzene	11	ug/Kg	U
SEE09161035RCM1	9/16/2010	Isopropylbenzene	11	ug/Kg	U
SEE09141312RCM1	9/14/2010	Isopropylbenzene	10	ug/Kg	U
SEE08291445PML1	8/29/2010	Isopropylbenzene	10	ug/kg	U
SEE08291354KAP1	8/29/2010	Isopropylbenzene	9.3	ug/kg	U
SEE10051415ARM1	10/5/2010	Isopropylbenzene	8.7	ug/Kg	U
SEE09061610JAW1	9/6/2010	Isopropylbenzene	8.5	ug/Kg	U
SEE10011125ARM1	10/1/2010	Isopropylbenzene	8.2	ug/Kg	U
SEE08261700JRP1	8/26/2010	Isopropylbenzene	8.2	ug/Kg	U
SEE09051500MHS1	9/5/2010	Isopropylbenzene	8.0	ug/Kg	U
SEE10171535ARM1	10/17/2010	Isopropylbenzene	7.9	ug/Kg	U
SEE09231035ARM1	9/23/2010	Isopropylbenzene	7.9	ug/Kg	U
SEE09171200ARM1	9/17/2010	Isopropylbenzene	7.9	ug/Kg	U
SEE08271614TWH1	8/27/2010	Isopropylbenzene	7.8	ug/kg	U
SEE10081035ARM1	10/8/2010	Isopropylbenzene	7.6	ug/Kg	U
SEE08271652TWH1	8/27/2010	Isopropylbenzene	7.6	ug/kg	U
SEE09100945RCM1	9/10/2010	Isopropylbenzene	7.5	ug/Kg	U
SEE09211120ARM1	9/21/2010	Isopropylbenzene	7.4	ug/Kg	U
SEB09011143JLS1	9/1/2010	Isopropylbenzene	7.1	ug/Kg	U
SEE08301410JRP1	8/30/2010	Isopropylbenzene	7.0	ug/Kg	U
SEE09281445RCM1	9/28/2010	Isopropylbenzene	6.5	ug/Kg	U
SEE08271536TWH1	8/27/2010	Isopropylbenzene	6.3	ug/kg	U
SEE09271500ARM1	9/27/2010	Isopropylbenzene	6.2	ug/Kg	U
SEE09170935RCM1	9/17/2010	Isopropylbenzene	6.1	ug/Kg	U
SEF10011045TDF1	10/1/2010	Isopropylbenzene	6.0	ug/Kg	U
SEE09150915JRP1	9/15/2010	Isopropylbenzene	6.0	ug/Kg	U
SEE10011043RCM1	10/1/2010	Isopropylbenzene	5.8	ug/Kg	U
SEE09290915MAE1	9/29/2010	Isopropylbenzene	5.8	ug/Kg	U
SEE10131035ARM1	10/13/2010	Isopropylbenzene	5.5	ug/Kg	U
SEE10071045ARM1	10/7/2010	Isopropylbenzene	5.5	ug/Kg	UJ
SEE10041045ARM1	10/4/2010	Isopropylbenzene	5.5	ug/Kg	U
SEF10151030PMB3	10/15/2010	Isopropylbenzene	5.4	ug/Kg	U
SEF10081108TDF3	10/8/2010	Isopropylbenzene	5.4	ug/Kg	U
SEE09251235ARM1	9/25/2010	Isopropylbenzene	5.4	ug/Kg	U
SEE08281540JRP1	8/28/2010	Isopropylbenzene	5.4	ug/kg	U
SEF10051206TDF3	10/5/2010	Isopropylbenzene	5.3	ug/Kg	U
SEE09140945JRP1	9/14/2010	Isopropylbenzene	5.3	ug/Kg	U
SEE09080930JRP1	9/8/2010	Isopropylbenzene	5.3	ug/Kg	U
SEE09011515JAW1	9/1/2010	Isopropylbenzene	5.3	ug/Kg	U
SEE08301100JRP1	8/30/2010	Isopropylbenzene	5.3	ug/Kg	U
SEE10121040ARM1	10/12/2010	Isopropylbenzene	5.2	ug/Kg	U
SEF10121130PMB3	10/12/2010	Isopropylbenzene	5.2	ug/Kg	U

**TABLE B-2b**  
**Upstream Sediment Samples (Morrow Lake)**

Sample ID	Sample Date	Analyte	Result	Unit	Data Qualifier
SEE09221045ARM1	9/22/2010	Isopropylbenzene	5.2	ug/Kg	U
SEE09100920JRP1	9/10/2010	Isopropylbenzene	5.1	ug/Kg	U
SEB08281400JLS1	8/28/2010	Isopropylbenzene	5.1	ug/kg	U
SEE09301025MAE1	9/30/2010	Isopropylbenzene	5.0	ug/Kg	U
SEE09051500JAW1	9/5/2010	Isopropylbenzene	5.0	ug/Kg	U
SEE10051145RCM1	10/5/2010	Isopropylbenzene	4.9	ug/Kg	U
SEE09070930JRP1	9/7/2010	Isopropylbenzene	4.9	ug/Kg	U
SEE10061135ARM1	10/6/2010	Isopropylbenzene	4.8	ug/Kg	U
SEE10181030JWP1	10/18/2010	Isopropylbenzene	4.6	ug/Kg	U
SEF09281139TDF1	9/28/2010	Isopropylbenzene	4.3	ug/Kg	U
SEE09231205RCM1	9/23/2010	Isopropylbenzene	3.3	ug/Kg	U
SEE08271445JRP1	8/27/2010	Isopropylbenzene	2.8	ug/kg	U
SEE10121415ARM1	10/12/2010	Lead	180000	ug/Kg	
SEE10151355ARM1	10/15/2010	Lead	160000	ug/Kg	J
SEE10151055ARM1	10/15/2010	Lead	150000	ug/Kg	J
SEE10181430JWP1	10/18/2010	Lead	130000	ug/Kg	J
SEE08301015JRP1	8/30/2010	Lead	130000	ug/Kg	B
SEE08301445JRP1	8/30/2010	Lead	130000	ug/Kg	B
SEE08301520JRP1	8/30/2010	Lead	120000	ug/Kg	B
SEE08291421KAP1	8/29/2010	Lead	118000	ug/kg	
SEE10141555ARM1	10/14/2010	Lead	110000	ug/Kg	
SEE09090900JRP1	9/9/2010	Lead	110000	ug/Kg	
SEE10161115ARM1	10/16/2010	Lead	93000	ug/Kg	
SEE10071415ARM1	10/7/2010	Lead	88000	ug/Kg	
SEE09061130MHS1	9/6/2010	Lead	87000	ug/Kg	
SEE09011545MHS1	9/1/2010	Lead	84000	ug/Kg	
SEE10061051RCM1	10/6/2010	Lead	83000	ug/Kg	
SEE08281630RCM1	8/28/2010	Lead	81200	ug/kg	
SEE08281607TWH1	8/28/2010	Lead	80800	ug/kg	
SEE10081051RCM1	10/8/2010	Lead	80000	ug/Kg	
SEE09191445RCM1	9/19/2010	Lead	80000	ug/Kg	J
SEE09260930RCM1	9/26/2010	Lead	78000	ug/Kg	
SEE09170839RCM1	9/17/2010	Lead	77000	ug/Kg	J
SEE09101215PML1	9/10/2010	Lead	76000	ug/Kg	
SEE09091005RCM1	9/9/2010	Lead	74000	ug/Kg	
SEE08281505PML1	8/28/2010	Lead	73800	ug/kg	
SEE10041138RCM1	10/4/2010	Lead	73000	ug/Kg	J
SEE09220935RCM1	9/22/2010	Lead	73000	ug/Kg	
SEE09121436RCM1	9/12/2010	Lead	73000	ug/Kg	
SEE09081020RCM1	9/8/2010	Lead	73000	ug/Kg	B
SEE08261620RCM1	8/26/2010	Lead	72100	ug/kg	
SEE09131026RCM1	9/13/2010	Lead	72000	ug/Kg	
SEE08271215PML1	8/27/2010	Lead	72000	ug/kg	
SEE10091401PML1	10/9/2010	Lead	71000	ug/Kg	
SEE09181235PML1	9/18/2010	Lead	71000	ug/Kg	
SEE09141135PML1	9/14/2010	Lead	71000	ug/Kg	
SEE09101625PML1	9/10/2010	Lead	71000	ug/Kg	
SEE09051550MHS1	9/5/2010	Lead	71000	ug/Kg	
SEE08301130PML1	8/30/2010	Lead	71000	ug/Kg	B
SEE09291023RCM1	9/29/2010	Lead	70000	ug/Kg	
SEE09230955RCM1	9/23/2010	Lead	70000	ug/Kg	J
SEE10071042RCM1	10/7/2010	Lead	69000	ug/Kg	
SEE10051125PML1	10/5/2010	Lead	69000	ug/Kg	
SEE09301105JDF1	9/30/2010	Lead	69000	ug/Kg	
SEE09030925PML1	9/3/2010	Lead	69000	ug/Kg	
SEE09021400PML1	9/2/2010	Lead	69000	ug/Kg	
SEE09011050PML1	9/1/2010	Lead	69000	ug/Kg	
SEE08261420RCM1	8/26/2010	Lead	68300	ug/kg	
SEE10171410JDF1	10/17/2010	Lead	68000	ug/Kg	
SEE10120930JDF1	10/12/2010	Lead	68000	ug/Kg	



**TABLE B-2b**  
**Upstream Sediment Samples (Morrow Lake)**

Sample ID	Sample Date	Analyte	Result	Unit	Data Qualifier
SEE10031425JDF1	10/3/2010	Lead	68000	ug/Kg	B
SEE09301205RCM1	9/30/2010	Lead	68000	ug/Kg	
SEE09161035RCM1	9/16/2010	Lead	68000	ug/Kg	
SEE09121450PML1	9/12/2010	Lead	68000	ug/Kg	
SEE09061500PML1	9/6/2010	Lead	68000	ug/Kg	
SEE09011545PML1	9/1/2010	Lead	68000	ug/Kg	
SEE10131150JDF1	10/13/2010	Lead	67000	ug/Kg	
SEE10051415ARM1	10/5/2010	Lead	67000	ug/Kg	
SEE09231645JDF1	9/23/2010	Lead	67000	ug/Kg	J
SEE09191040PML1	9/19/2010	Lead	67000	ug/Kg	J
SEE09131445RCM1	9/13/2010	Lead	67000	ug/Kg	
SEE09131505PML1	9/13/2010	Lead	67000	ug/Kg	
SEE09161045PML1	9/16/2010	Lead	66000	ug/Kg	
SEE09101022PML1	9/10/2010	Lead	66000	ug/Kg	
SEE09031140MHS1	9/3/2010	Lead	66000	ug/Kg	
SEE08301530JAW1	8/30/2010	Lead	66000	ug/Kg	B
SEE10071205PML1	10/7/2010	Lead	65000	ug/Kg	
SEE09251135JDF1	9/25/2010	Lead	65000	ug/Kg	
SEE08301550PML1	8/30/2010	Lead	65000	ug/Kg	B
SEE08301638MHS1	8/30/2010	Lead	65000	ug/Kg	B
SEE09221440JDF1	9/22/2010	Lead	64000	ug/Kg	
SEE09141515PML1	9/14/2010	Lead	64000	ug/Kg	
SEE09091025JRP1	9/9/2010	Lead	64000	ug/Kg	
SEE09071050PML1	9/7/2010	Lead	64000	ug/Kg	
SEE08301145MHS1	8/30/2010	Lead	64000	ug/Kg	B
SEE08281420TWH1	8/28/2010	Lead	63600	ug/kg	
SEE10141015JDF1	10/14/2010	Lead	63000	ug/Kg	
SEE10111125JDF1	10/11/2010	Lead	63000	ug/Kg	
SEE10051653PML1	10/5/2010	Lead	63000	ug/Kg	
SEE09201115RCM1	9/20/2010	Lead	63000	ug/Kg	
SEE09091410RCM1	9/9/2010	Lead	63000	ug/Kg	
SEE10091614PML1	10/9/2010	Lead	62000	ug/Kg	
SEE09271130JDF1	9/27/2010	Lead	62000	ug/Kg	J
SEE09171415PML1	9/17/2010	Lead	62000	ug/Kg	J
SEE09130955JRP1	9/13/2010	Lead	62000	ug/Kg	
SEE09121105RCM1	9/12/2010	Lead	62000	ug/Kg	
SEE09031645MHS1	9/3/2010	Lead	62000	ug/Kg	
SEE08281215PML1	8/28/2010	Lead	61600	ug/kg	
SEE10161530JDF1	10/16/2010	Lead	61000	ug/Kg	
SEE10081115PML1	10/8/2010	Lead	61000	ug/Kg	
SEE10081231PML1	10/8/2010	Lead	61000	ug/Kg	
SEE09211155JDF1	9/21/2010	Lead	61000	ug/Kg	
SEE09091010PML1	9/9/2010	Lead	61000	ug/Kg	
SEE09051130PML1	9/5/2010	Lead	61000	ug/Kg	
SEE09040950PML1	9/4/2010	Lead	61000	ug/Kg	
SEE09021010PML1	9/2/2010	Lead	61000	ug/Kg	
SEE10161055JDF1	10/16/2010	Lead	60000	ug/Kg	
SEE10161415JDF1	10/16/2010	Lead	60000	ug/Kg	
SEE09271025ARM1	9/27/2010	Lead	60000	ug/Kg	J
SEE09261215JDF1	9/26/2010	Lead	60000	ug/Kg	
SEE09171445RCM1	9/17/2010	Lead	60000	ug/Kg	J
SEE09131125PML1	9/13/2010	Lead	60000	ug/Kg	
SEE09091145PML1	9/9/2010	Lead	60000	ug/Kg	
SEE09051015PML1	9/5/2010	Lead	60000	ug/Kg	
SEE08261445JRP1	8/26/2010	Lead	60000	ug/Kg	
SEE08271500PML1	8/27/2010	Lead	59500	ug/kg	
SEE10181035JDF1	10/18/2010	Lead	59000	ug/Kg	J
SEE10150945JDF1	10/15/2010	Lead	59000	ug/Kg	J
SEE10111350JDF1	10/11/2010	Lead	59000	ug/Kg	
SEE09301255JDF1	9/30/2010	Lead	59000	ug/Kg	

**TABLE B-2b**  
**Upstream Sediment Samples (Morrow Lake)**

Sample ID	Sample Date	Analyte	Result	Unit	Data Qualifier
SEE09271515JDF1	9/27/2010	Lead	59000	ug/Kg	J
SEE09181705PML1	9/18/2010	Lead	59000	ug/Kg	
SEE08311045PML1	8/31/2010	Lead	59000	ug/Kg	J
SEE10171115JDF1	10/17/2010	Lead	58000	ug/Kg	
SEE10041150JDF1	10/4/2010	Lead	58000	ug/Kg	J
SEE10011120JDF1	10/1/2010	Lead	58000	ug/Kg	J
SEE09291035JDF1	9/29/2010	Lead	58000	ug/Kg	
SEE09231130ARM1	9/23/2010	Lead	58000	ug/Kg	J
SEE09091410PML1	9/9/2010	Lead	58000	ug/Kg	
SEE09091515PML1	9/9/2010	Lead	58000	ug/Kg	
SEE09061525MHS1	9/6/2010	Lead	58000	ug/Kg	
SEE10111011JDF1	10/11/2010	Lead	57000	ug/Kg	
SEE10041050JDF1	10/4/2010	Lead	57000	ug/Kg	J
SEE09140945PML1	9/14/2010	Lead	57000	ug/Kg	
SEE09031115JAW1	9/3/2010	Lead	57000	ug/Kg	
SEE10071540PML1	10/7/2010	Lead	56000	ug/Kg	
SEE09221105JDF1	9/22/2010	Lead	56000	ug/Kg	
SEE09191530PML1	9/19/2010	Lead	56000	ug/Kg	J
SEE09170945PML1	9/17/2010	Lead	56000	ug/Kg	J
SEE09051430PML1	9/5/2010	Lead	56000	ug/Kg	
SEE09011255PML1	9/1/2010	Lead	56000	ug/Kg	
SEE10071101PML1	10/7/2010	Lead	55000	ug/Kg	
SEE09290925JDF1	9/29/2010	Lead	55000	ug/Kg	
SEE09211530JDF1	9/21/2010	Lead	55000	ug/Kg	
SEE09130940PML1	9/13/2010	Lead	55000	ug/Kg	
SEE09091605PML1	9/9/2010	Lead	55000	ug/Kg	
SEE09081010PML1	9/8/2010	Lead	55000	ug/Kg	B
SEE09031100PML1	9/3/2010	Lead	55000	ug/Kg	
SEE10101010PML1	10/10/2010	Lead	54000	ug/Kg	
SEE10101215PML1	10/10/2010	Lead	54000	ug/Kg	
SEE10101215PML1	10/10/2010	Lead	54000	ug/Kg	
SEE10040945JDF1	10/4/2010	Lead	54000	ug/Kg	J
SEE09231210JDF1	9/23/2010	Lead	54000	ug/Kg	J
SEE09171125PML1	9/17/2010	Lead	54000	ug/Kg	J
SEE09131620PML1	9/13/2010	Lead	54000	ug/Kg	
SEE09121055PML1	9/12/2010	Lead	54000	ug/Kg	
SEE09121055PML1	9/12/2010	Lead	54000	ug/Kg	
SEE091111015PML1	9/11/2010	Lead	54000	ug/Kg	
SEE09081205PML1	9/8/2010	Lead	54000	ug/Kg	B
SEE09041350PML1	9/4/2010	Lead	54000	ug/Kg	
SEE09011145PML1	9/1/2010	Lead	54000	ug/Kg	
SEE08311420PML1	8/31/2010	Lead	54000	ug/Kg	J
SEE08311420PML1	8/31/2010	Lead	54000	ug/Kg	J
SEE08291550KAP1	8/29/2010	Lead	53400	ug/kg	
SEE10041530JDF1	10/4/2010	Lead	53000	ug/Kg	J
SEE10031115JDF1	10/3/2010	Lead	53000	ug/Kg	B
SEE10031115JDF1	10/3/2010	Lead	53000	ug/Kg	B
SEE09261625JDF1	9/26/2010	Lead	53000	ug/Kg	
SEE09261625JDF1	9/26/2010	Lead	53000	ug/Kg	
SEE09201645ARM1	9/20/2010	Lead	53000	ug/Kg	
SEE10141550JDF1	10/14/2010	Lead	52000	ug/Kg	
SEE10141550JDF1	10/14/2010	Lead	52000	ug/Kg	
SEE09301255MAE1	9/30/2010	Lead	52000	ug/Kg	
SEE09250905RCM1	9/25/2010	Lead	52000	ug/Kg	
SEE09171530PML1	9/17/2010	Lead	52000	ug/Kg	J
SEE09151145PML1	9/15/2010	Lead	52000	ug/Kg	
SEE09151145PML1	9/15/2010	Lead	52000	ug/Kg	
SEE09061105PML1	9/6/2010	Lead	52000	ug/Kg	
SEE09031650PML1	9/3/2010	Lead	52000	ug/Kg	
SEE09031650PML1	9/3/2010	Lead	52000	ug/Kg	

**TABLE B-2b**  
**Upstream Sediment Samples (Morrow Lake)**

Sample ID	Sample Date	Analyte	Result	Unit	Data Qualifier
SEE10181210JDF1	10/18/2010	Lead	51000	ug/Kg	J
SEE10121155JDF1	10/12/2010	Lead	51000	ug/Kg	
SEE10061205PML1	10/6/2010	Lead	51000	ug/Kg	
SEE10061640PML1	10/6/2010	Lead	51000	ug/Kg	
SEE10061640PML1	10/6/2010	Lead	51000	ug/Kg	
SEE09151015PML1	9/15/2010	Lead	51000	ug/Kg	
SEE10141150JDF1	10/14/2010	Lead	50000	ug/Kg	
SEE09221615JDF1	9/22/2010	Lead	50000	ug/Kg	
SEE09211112RCM1	9/21/2010	Lead	50000	ug/Kg	
SEE08271145RCM1	8/27/2010	Lead	49600	ug/kg	
SEE09200945PML1	9/20/2010	Lead	49000	ug/Kg	
SEE09200945PML1	9/20/2010	Lead	49000	ug/Kg	
SEE10181510JDF1	10/18/2010	Lead	48000	ug/Kg	J
SEE10181510JDF1	10/18/2010	Lead	48000	ug/Kg	J
SEE10041355ARM1	10/4/2010	Lead	48000	ug/Kg	J
SEE09011635PML1	9/1/2010	Lead	48000	ug/Kg	
SEE10121030JDF1	10/12/2010	Lead	47000	ug/Kg	
SEE08281510TWH1	8/28/2010	Lead	45100	ug/kg	
SEE10041335JDF1	10/4/2010	Lead	45000	ug/Kg	J
SEE09141312RCM1	9/14/2010	Lead	44000	ug/Kg	
SEE08300920JRP1	8/30/2010	Lead	44000	ug/Kg	B
SEE10170915JDF1	10/17/2010	Lead	42000	ug/Kg	
SEE10091200ARM1	10/9/2010	Lead	41000	ug/Kg	
SEE08291110PML1	8/29/2010	Lead	39300	ug/kg	
SEE08311010JRP1	8/31/2010	Lead	38000	ug/Kg	J
SEE08271614TWH1	8/27/2010	Lead	31700	ug/kg	
SEE09291135JDF1	9/29/2010	Lead	29000	ug/Kg	
SEE10171535ARM1	10/17/2010	Lead	27000	ug/Kg	
SEE08311348MHS1	8/31/2010	Lead	27000	ug/Kg	J
SEE09291645JDF1	9/29/2010	Lead	25000	ug/Kg	
SEE08291354KAP1	8/29/2010	Lead	24800	ug/kg	
SEE10141025ARM1	10/14/2010	Lead	22000	ug/Kg	
SEE09061610JAW1	9/6/2010	Lead	19000	ug/Kg	
SEE10071151RCM1	10/7/2010	Lead	18000	ug/Kg	
SEE08271652TWH1	8/27/2010	Lead	17200	ug/kg	
SEE10071045ARM1	10/7/2010	Lead	17000	ug/Kg	
SEE08301410JRP1	8/30/2010	Lead	15000	ug/Kg	B
SEE09130915JRP1	9/13/2010	Lead	14000	ug/Kg	
SEE09051500MHS1	9/5/2010	Lead	14000	ug/Kg	
SEE10011125ARM1	10/1/2010	Lead	12000	ug/Kg	J
SEE08291445PML1	8/29/2010	Lead	11100	ug/kg	
SEE08261700JRP1	8/26/2010	Lead	10000	ug/Kg	
SEE09231205RCM1	9/23/2010	Lead	9300	ug/Kg	J
SEE09201110ARM1	9/20/2010	Lead	9100	ug/Kg	
SEE09171200ARM1	9/17/2010	Lead	8300	ug/Kg	J
SEE09290915MAE1	9/29/2010	Lead	7600	ug/Kg	
SEE09211120ARM1	9/21/2010	Lead	6500	ug/Kg	
SEE09140945JRP1	9/14/2010	Lead	6300	ug/Kg	
SEE10061135ARM1	10/6/2010	Lead	6200	ug/Kg	
SEE08271445JRP1	8/27/2010	Lead	6160	ug/kg	
SEE09231035ARM1	9/23/2010	Lead	6100	ug/Kg	J
SEE09100920JRP1	9/10/2010	Lead	6000	ug/Kg	
SEE08301100JRP1	8/30/2010	Lead	6000	ug/Kg	B
SEE09271500ARM1	9/27/2010	Lead	5900	ug/Kg	J
SEE09100945RCM1	9/10/2010	Lead	5900	ug/Kg	
SEE10121040ARM1	10/12/2010	Lead	5600	ug/Kg	
SEE09251235ARM1	9/25/2010	Lead	5500	ug/Kg	
SEE08281540JRP1	8/28/2010	Lead	5270	ug/kg	
SEE09150915JRP1	9/15/2010	Lead	4800	ug/Kg	
SEE09301025MAE1	9/30/2010	Lead	4700	ug/Kg	

**TABLE B-2b**  
**Upstream Sediment Samples (Morrow Lake)**

Sample ID	Sample Date	Analyte	Result	Unit	Data Qualifier
SEE09051500JAW1	9/5/2010	Lead	4700	ug/Kg	
SEB08281400JLS1	8/28/2010	Lead	4450	ug/kg	
SEE10041045ARM1	10/4/2010	Lead	4400	ug/Kg	J
SEE09281445RCM1	9/28/2010	Lead	4300	ug/Kg	
SEF09281139TDF1	9/28/2010	Lead	4300	ug/Kg	
SEE09200911RCM1	9/20/2010	Lead	4200	ug/Kg	
SEE09170935RCM1	9/17/2010	Lead	4200	ug/Kg	J
SEE09070930JRP1	9/7/2010	Lead	4200	ug/Kg	
SEF10011045TDF1	10/1/2010	Lead	3600	ug/Kg	J
SEE09011515JAW1	9/1/2010	Lead	3500	ug/Kg	
SEE09080930JRP1	9/8/2010	Lead	3400	ug/Kg	B
SEE09221045ARM1	9/22/2010	Lead	3200	ug/Kg	
SEE10081035ARM1	10/8/2010	Lead	3100	ug/Kg	
SEE10181030JWP1	10/18/2010	Lead	3000	ug/Kg	J
SEE10011043RCM1	10/1/2010	Lead	3000	ug/Kg	J
SEF10051206TDF3	10/5/2010	Lead	2900	ug/Kg	
SEE08271536TWH1	8/27/2010	Lead	2860	ug/kg	
SEE10051145RCM1	10/5/2010	Lead	2700	ug/Kg	
SEE10131035ARM1	10/13/2010	Lead	2500	ug/Kg	
SEF10081108TDF3	10/8/2010	Lead	2400	ug/Kg	
SEF10121130PMB3	10/12/2010	Lead	2300	ug/Kg	
SEF10151030PMB3	10/15/2010	Lead	1700	ug/Kg	J
SEB09011143JLS1	9/1/2010	Lead	1700	ug/Kg	
SEE09200945PML1	9/20/2010	m,p-Xylene	120	ug/Kg	U
SEE09200945PML1	9/20/2010	m,p-Xylene	120	ug/Kg	U
SEE09201115RCM1	9/20/2010	m,p-Xylene	120	ug/Kg	U
SEE09201645ARM1	9/20/2010	m,p-Xylene	97	ug/Kg	U
SEE10071042RCM1	10/7/2010	m,p-Xylene	91	ug/Kg	U
SEE09061500PML1	9/6/2010	m,p-Xylene	90	ug/Kg	U
SEE08281607TWH1	8/28/2010	m,p-Xylene	87	ug/kg	U
SEE09301105JDF1	9/30/2010	m,p-Xylene	84	ug/Kg	U
SEE09181705PML1	9/18/2010	m,p-Xylene	84	ug/Kg	U
SEE09021400PML1	9/2/2010	m,p-Xylene	81	ug/Kg	U
SEE08301130PML1	8/30/2010	m,p-Xylene	81	ug/Kg	U
SEE10091401PML1	10/9/2010	m,p-Xylene	79	ug/Kg	U
SEE10181035JDF1	10/18/2010	m,p-Xylene	78	ug/Kg	U
SEE10051125PML1	10/5/2010	m,p-Xylene	77	ug/Kg	U
SEE08311045PML1	8/31/2010	m,p-Xylene	77	ug/Kg	U
SEE10141555ARM1	10/14/2010	m,p-Xylene	76	ug/Kg	U
SEE09101215PML1	9/10/2010	m,p-Xylene	76	ug/Kg	U
SEE10161530JDF1	10/16/2010	m,p-Xylene	74	ug/Kg	U
SEE10081115PML1	10/8/2010	m,p-Xylene	74	ug/Kg	U
SEE09030925PML1	9/3/2010	m,p-Xylene	74	ug/Kg	U
SEE09031115JAW1	9/3/2010	m,p-Xylene	74	ug/Kg	U
SEE10171410JDF1	10/17/2010	m,p-Xylene	73	ug/Kg	U
SEE09181235PML1	9/18/2010	m,p-Xylene	73	ug/Kg	U
SEE09101022PML1	9/10/2010	m,p-Xylene	73	ug/Kg	U
SEE08281505PML1	8/28/2010	m,p-Xylene	73	ug/kg	U
SEE09191530PML1	9/19/2010	m,p-Xylene	72	ug/Kg	U
SEE09141135PML1	9/14/2010	m,p-Xylene	71	ug/Kg	U
SEE10171115JDF1	10/17/2010	m,p-Xylene	70	ug/Kg	U
SEE08311420PML1	8/31/2010	m,p-Xylene	70	ug/Kg	U
SEE08311420PML1	8/31/2010	m,p-Xylene	70	ug/Kg	U
SEE08271215PML1	8/27/2010	m,p-Xylene	70	ug/kg	U
SEE10141015JDF1	10/14/2010	m,p-Xylene	69	ug/Kg	U
SEE09011545PML1	9/1/2010	m,p-Xylene	69	ug/Kg	U
SEE08301550PML1	8/30/2010	m,p-Xylene	69	ug/Kg	U
SEE10041530JDF1	10/4/2010	m,p-Xylene	68	ug/Kg	U
SEE10181430JWP1	10/18/2010	m,p-Xylene	67	ug/Kg	U
SEE10131150JDF1	10/13/2010	m,p-Xylene	67	ug/Kg	U

**TABLE B-2b**  
**Upstream Sediment Samples (Morrow Lake)**

Sample ID	Sample Date	Analyte	Result	Unit	Data Qualifier
SEE09121105RCM1	9/12/2010	m,p-Xylene	67	ug/Kg	U
SEE09031100PML1	9/3/2010	m,p-Xylene	67	ug/Kg	U
SEE10181510JDF1	10/18/2010	m,p-Xylene	66	ug/Kg	U
SEE10181510JDF1	10/18/2010	m,p-Xylene	66	ug/Kg	U
SEE10101010PML1	10/10/2010	m,p-Xylene	66	ug/Kg	U
SEE10101215PML1	10/10/2010	m,p-Xylene	66	ug/Kg	U
SEE10101215PML1	10/10/2010	m,p-Xylene	66	ug/Kg	U
SEE09140945PML1	9/14/2010	m,p-Xylene	66	ug/Kg	U
SEE09061525MHS1	9/6/2010	m,p-Xylene	66	ug/Kg	U
SEE09021010PML1	9/2/2010	m,p-Xylene	66	ug/Kg	U
SEE08281630RCM1	8/28/2010	m,p-Xylene	66	ug/kg	U
SEE10181210JDF1	10/18/2010	m,p-Xylene	65	ug/Kg	U
SEE09301255JDF1	9/30/2010	m,p-Xylene	65	ug/Kg	U
SEE09051130PML1	9/5/2010	m,p-Xylene	65	ug/Kg	U
SEE09301205RCM1	9/30/2010	m,p-Xylene	64	ug/Kg	U
SEE09141515PML1	9/14/2010	m,p-Xylene	64	ug/Kg	U
SEE09091005RCM1	9/9/2010	m,p-Xylene	64	ug/Kg	U
SEE09061105PML1	9/6/2010	m,p-Xylene	64	ug/Kg	U
SEE09031650PML1	9/3/2010	m,p-Xylene	64	ug/Kg	U
SEE09031650PML1	9/3/2010	m,p-Xylene	64	ug/Kg	U
SEE10031115JDF1	10/3/2010	m,p-Xylene	63	ug/Kg	U
SEE10031115JDF1	10/3/2010	m,p-Xylene	63	ug/Kg	U
SEE09231645JDF1	9/23/2010	m,p-Xylene	63	ug/Kg	U
SEE09101625PML1	9/10/2010	m,p-Xylene	63	ug/Kg	U
SEE09081205PML1	9/8/2010	m,p-Xylene	63	ug/Kg	U
SEE08301145MHS1	8/30/2010	m,p-Xylene	63	ug/Kg	U
SEE09231210JDF1	9/23/2010	m,p-Xylene	62	ug/Kg	U
SEE09071050PML1	9/7/2010	m,p-Xylene	62	ug/Kg	U
SEE10081231PML1	10/8/2010	m,p-Xylene	61	ug/Kg	U
SEE09161045PML1	9/16/2010	m,p-Xylene	61	ug/Kg	U
SEE09131445RCM1	9/13/2010	m,p-Xylene	61	ug/Kg	U
SEE10161115ARM1	10/16/2010	m,p-Xylene	60	ug/Kg	U
SEE10120930JDF1	10/12/2010	m,p-Xylene	60	ug/Kg	U
SEE10071101PML1	10/7/2010	m,p-Xylene	60	ug/Kg	U
SEE09121055PML1	9/12/2010	m,p-Xylene	60	ug/Kg	U
SEE09121055PML1	9/12/2010	m,p-Xylene	60	ug/Kg	U
SEE09091410RCM1	9/9/2010	m,p-Xylene	60	ug/Kg	U
SEE09011050PML1	9/1/2010	m,p-Xylene	60	ug/Kg	U
SEE09261625JDF1	9/26/2010	m,p-Xylene	59	ug/Kg	U
SEE09261625JDF1	9/26/2010	m,p-Xylene	59	ug/Kg	U
SEE09191040PML1	9/19/2010	m,p-Xylene	59	ug/Kg	U
SEE09121436RCM1	9/12/2010	m,p-Xylene	59	ug/Kg	U
SEE09040950PML1	9/4/2010	m,p-Xylene	59	ug/Kg	U
SEE10061640PML1	10/6/2010	m,p-Xylene	58	ug/Kg	U
SEE10061640PML1	10/6/2010	m,p-Xylene	58	ug/Kg	U
SEE10051653PML1	10/5/2010	m,p-Xylene	58	ug/Kg	U
SEE09231130ARM1	9/23/2010	m,p-Xylene	58	ug/Kg	U
SEE09131026RCM1	9/13/2010	m,p-Xylene	58	ug/Kg	U
SEE09131505PML1	9/13/2010	m,p-Xylene	58	ug/Kg	U
SEE10081051RCM1	10/8/2010	m,p-Xylene	57	ug/Kg	U
SEE09261215JDF1	9/26/2010	m,p-Xylene	57	ug/Kg	U
SEE09011255PML1	9/1/2010	m,p-Xylene	57	ug/Kg	U
SEE08301015JRP1	8/30/2010	m,p-Xylene	57	ug/Kg	U
SEE09151145PML1	9/15/2010	m,p-Xylene	56	ug/Kg	U
SEE09151145PML1	9/15/2010	m,p-Xylene	56	ug/Kg	U
SEE09131620PML1	9/13/2010	m,p-Xylene	56	ug/Kg	U
SEE09121450PML1	9/12/2010	m,p-Xylene	56	ug/Kg	U
SEE09081020RCM1	9/8/2010	m,p-Xylene	56	ug/Kg	U
SEE10011120JDF1	10/1/2010	m,p-Xylene	55	ug/Kg	U
SEE09251135JDF1	9/25/2010	m,p-Xylene	55	ug/Kg	U

**TABLE B-2b**  
**Upstream Sediment Samples (Morrow Lake)**

Sample ID	Sample Date	Analyte	Result	Unit	Data Qualifier
SEE09211155JDF1	9/21/2010	m,p-Xylene	55	ug/Kg	U
SEE09171415PML1	9/17/2010	m,p-Xylene	55	ug/Kg	U
SEE09151015PML1	9/15/2010	m,p-Xylene	55	ug/Kg	U
SEE09091515PML1	9/9/2010	m,p-Xylene	55	ug/Kg	U
SEE09081010PML1	9/8/2010	m,p-Xylene	55	ug/Kg	U
SEE08261420RCM1	8/26/2010	m,p-Xylene	55	ug/kg	U
SEE10091614PML1	10/9/2010	m,p-Xylene	54	ug/Kg	U
SEE10061205PML1	10/6/2010	m,p-Xylene	54	ug/Kg	U
SEE10041150JDF1	10/4/2010	m,p-Xylene	54	ug/Kg	U
SEE09221440JDF1	9/22/2010	m,p-Xylene	54	ug/Kg	U
SEE09170839RCM1	9/17/2010	m,p-Xylene	54	ug/Kg	U
SEE08291110PML1	8/29/2010	m,p-Xylene	54	ug/kg	U
SEE10121155JDF1	10/12/2010	m,p-Xylene	52	ug/Kg	U
SEE09131125PML1	9/13/2010	m,p-Xylene	52	ug/Kg	U
SEE09091010PML1	9/9/2010	m,p-Xylene	52	ug/Kg	U
SEE09091145PML1	9/9/2010	m,p-Xylene	52	ug/Kg	U
SEE09091410PML1	9/9/2010	m,p-Xylene	52	ug/Kg	U
SEE09061130MHS1	9/6/2010	m,p-Xylene	52	ug/Kg	U
SEE08301638MHS1	8/30/2010	m,p-Xylene	52	ug/Kg	U
SEE10141150JDF1	10/14/2010	m,p-Xylene	51	ug/Kg	U
SEE10141550JDF1	10/14/2010	m,p-Xylene	51	ug/Kg	U
SEE10141550JDF1	10/14/2010	m,p-Xylene	51	ug/Kg	U
SEE10031425JDF1	10/3/2010	m,p-Xylene	51	ug/Kg	U
SEE09271130JDF1	9/27/2010	m,p-Xylene	51	ug/Kg	U
SEE09011145PML1	9/1/2010	m,p-Xylene	51	ug/Kg	U
SEE10151055ARM1	10/15/2010	m,p-Xylene	50	ug/Kg	U
SEE10121415ARM1	10/12/2010	m,p-Xylene	50	ug/Kg	U
SEE10111125JDF1	10/11/2010	m,p-Xylene	50	ug/Kg	U
SEE09291035JDF1	9/29/2010	m,p-Xylene	50	ug/Kg	U
SEE09220935RCM1	9/22/2010	m,p-Xylene	50	ug/Kg	U
SEE09111015PML1	9/11/2010	m,p-Xylene	50	ug/Kg	U
SEE09051015PML1	9/5/2010	m,p-Xylene	50	ug/Kg	U
SEE10161415JDF1	10/16/2010	m,p-Xylene	49	ug/Kg	U
SEE09170945PML1	9/17/2010	m,p-Xylene	49	ug/Kg	U
SEE09091605PML1	9/9/2010	m,p-Xylene	49	ug/Kg	U
SEE09041350PML1	9/4/2010	m,p-Xylene	49	ug/Kg	U
SEE08301445JRP1	8/30/2010	m,p-Xylene	49	ug/Kg	U
SEE10040945JDF1	10/4/2010	m,p-Xylene	48	ug/Kg	U
SEE09211530JDF1	9/21/2010	m,p-Xylene	48	ug/Kg	U
SEE10071205PML1	10/7/2010	m,p-Xylene	47	ug/Kg	U
SEE09230955RCM1	9/23/2010	m,p-Xylene	47	ug/Kg	U
SEE09171125PML1	9/17/2010	m,p-Xylene	47	ug/Kg	U
SEE09130955JRP1	9/13/2010	m,p-Xylene	47	ug/Kg	U
SEE09051430PML1	9/5/2010	m,p-Xylene	47	ug/Kg	U
SEE10071540PML1	10/7/2010	m,p-Xylene	46	ug/Kg	U
SEE09171530PML1	9/17/2010	m,p-Xylene	46	ug/Kg	U
SEE10041335JDF1	10/4/2010	m,p-Xylene	45	ug/Kg	U
SEE09271025ARM1	9/27/2010	m,p-Xylene	45	ug/Kg	U
SEE09130940PML1	9/13/2010	m,p-Xylene	45	ug/Kg	U
SEE08271500PML1	8/27/2010	m,p-Xylene	45	ug/kg	U
SEE10150945JDF1	10/15/2010	m,p-Xylene	44	ug/Kg	U
SEE10111350JDF1	10/11/2010	m,p-Xylene	44	ug/Kg	U
SEE10061051RCM1	10/6/2010	m,p-Xylene	44	ug/Kg	U
SEE09221105JDF1	9/22/2010	m,p-Xylene	44	ug/Kg	U
SEE08281215PML1	8/28/2010	m,p-Xylene	44	ug/kg	U
SEE10111011JDF1	10/11/2010	m,p-Xylene	43	ug/Kg	U
SEE10041355ARM1	10/4/2010	m,p-Xylene	43	ug/Kg	U
SEE09290925JDF1	9/29/2010	m,p-Xylene	43	ug/Kg	U
SEE09271515JDF1	9/27/2010	m,p-Xylene	43	ug/Kg	U
SEE09091025JRP1	9/9/2010	m,p-Xylene	43	ug/Kg	U

**TABLE B-2b**  
**Upstream Sediment Samples (Morrow Lake)**

Sample ID	Sample Date	Analyte	Result	Unit	Data Qualifier
SEE08301520JRP1	8/30/2010	m,p-Xylene	43	ug/Kg	U
SEE10121030JDF1	10/12/2010	m,p-Xylene	42	ug/Kg	U
SEE08281420TWH1	8/28/2010	m,p-Xylene	42	ug/kg	U
SEE08261445JRP1	8/26/2010	m,p-Xylene	42	ug/Kg	U
SEE10161055JDF1	10/16/2010	m,p-Xylene	41	ug/Kg	U
SEE09031140MHS1	9/3/2010	m,p-Xylene	41	ug/Kg	U
SEE09011635PML1	9/1/2010	m,p-Xylene	41	ug/Kg	U
SEE10151355ARM1	10/15/2010	m,p-Xylene	40	ug/Kg	U
SEE10071415ARM1	10/7/2010	m,p-Xylene	40	ug/Kg	U
SEE08291421KAP1	8/29/2010	m,p-Xylene	40	ug/kg	U
SEE08271145RCM1	8/27/2010	m,p-Xylene	40	ug/kg	U
SEE10041050JDF1	10/4/2010	m,p-Xylene	39	ug/Kg	U
SEE09291645JDF1	9/29/2010	m,p-Xylene	39	ug/Kg	U
SEE09051550MHS1	9/5/2010	m,p-Xylene	39	ug/Kg	U
SEE10041138RCM1	10/4/2010	m,p-Xylene	37	ug/Kg	U
SEE09301255MAE1	9/30/2010	m,p-Xylene	37	ug/Kg	U
SEE09221615JDF1	9/22/2010	m,p-Xylene	37	ug/Kg	U
SEE09191445RCM1	9/19/2010	m,p-Xylene	37	ug/Kg	U
SEE09031645MHS1	9/3/2010	m,p-Xylene	37	ug/Kg	U
SEE08311010JRP1	8/31/2010	m,p-Xylene	35	ug/Kg	U
SEE09200911RCM1	9/20/2010	m,p-Xylene	34	ug/Kg	U
SEE09011545MHS1	9/1/2010	m,p-Xylene	34	ug/Kg	U
SEE08281510TWH1	8/28/2010	m,p-Xylene	34	ug/kg	U
SEE10170915JDF1	10/17/2010	m,p-Xylene	33	ug/Kg	U
SEE09250905RCM1	9/25/2010	m,p-Xylene	33	ug/Kg	U
SEE09090900JRP1	9/9/2010	m,p-Xylene	33	ug/Kg	U
SEE09291135JDF1	9/29/2010	m,p-Xylene	32	ug/Kg	U
SEE09260930RCM1	9/26/2010	m,p-Xylene	31	ug/Kg	U
SEE09201110ARM1	9/20/2010	m,p-Xylene	31	ug/Kg	U
SEE08291550KAP1	8/29/2010	m,p-Xylene	31	ug/kg	U
SEE08301530JAW1	8/30/2010	m,p-Xylene	30	ug/Kg	U
SEE09211112RCM1	9/21/2010	m,p-Xylene	29	ug/Kg	U
SEE08311348MHS1	8/31/2010	m,p-Xylene	29	ug/Kg	U
SEE08300920JRP1	8/30/2010	m,p-Xylene	28	ug/Kg	U
SEE08261620RCM1	8/26/2010	m,p-Xylene	28	ug/kg	U
SEE10071151RCM1	10/7/2010	m,p-Xylene	27	ug/Kg	U
SEE09130915JRP1	9/13/2010	m,p-Xylene	24	ug/Kg	U
SEE10141025ARM1	10/14/2010	m,p-Xylene	23	ug/Kg	U
SEE10091200ARM1	10/9/2010	m,p-Xylene	23	ug/Kg	U
SEE09161035RCM1	9/16/2010	m,p-Xylene	23	ug/Kg	U
SEE09171445RCM1	9/17/2010	m,p-Xylene	22	ug/Kg	U
SEE09291023RCM1	9/29/2010	m,p-Xylene	21	ug/Kg	U
SEE08291445PML1	8/29/2010	m,p-Xylene	21	ug/kg	U
SEE09141312RCM1	9/14/2010	m,p-Xylene	20	ug/Kg	U
SEE08291354KAP1	8/29/2010	m,p-Xylene	19	ug/kg	U
SEE10051415ARM1	10/5/2010	m,p-Xylene	17	ug/Kg	U
SEE09061610JAW1	9/6/2010	m,p-Xylene	17	ug/Kg	U
SEE10171535ARM1	10/17/2010	m,p-Xylene	16	ug/Kg	U
SEE10011125ARM1	10/1/2010	m,p-Xylene	16	ug/Kg	U
SEE09231035ARM1	9/23/2010	m,p-Xylene	16	ug/Kg	U
SEE09171200ARM1	9/17/2010	m,p-Xylene	16	ug/Kg	U
SEE09051500MHS1	9/5/2010	m,p-Xylene	16	ug/Kg	U
SEE08271614TWH1	8/27/2010	m,p-Xylene	16	ug/kg	U
SEE08261700JRP1	8/26/2010	m,p-Xylene	16	ug/Kg	U
SEE10081035ARM1	10/8/2010	m,p-Xylene	15	ug/Kg	U
SEE09211120ARM1	9/21/2010	m,p-Xylene	15	ug/Kg	U
SEE09100945RCM1	9/10/2010	m,p-Xylene	15	ug/Kg	U
SEE08271652TWH1	8/27/2010	m,p-Xylene	15	ug/kg	U
SEB09011143JLS1	9/1/2010	m,p-Xylene	14	ug/Kg	U
SEE08301410JRP1	8/30/2010	m,p-Xylene	14	ug/Kg	U

**TABLE B-2b**  
**Upstream Sediment Samples (Morrow Lake)**

Sample ID	Sample Date	Analyte	Result	Unit	Data Qualifier
SEE09281445RCM1	9/28/2010	m,p-Xylene	13	ug/Kg	U
SEE08271536TWH1	8/27/2010	m,p-Xylene	13	ug/kg	U
SEE10011043RCM1	10/1/2010	m,p-Xylene	12	ug/Kg	U
SEF10011045TDF1	10/1/2010	m,p-Xylene	12	ug/Kg	U
SEE09290915MAE1	9/29/2010	m,p-Xylene	12	ug/Kg	U
SEE09271500ARM1	9/27/2010	m,p-Xylene	12	ug/Kg	U
SEE09170935RCM1	9/17/2010	m,p-Xylene	12	ug/Kg	U
SEE09150915JRP1	9/15/2010	m,p-Xylene	12	ug/Kg	U
SEF10151030PMB3	10/15/2010	m,p-Xylene	11	ug/Kg	U
SEE10131035ARM1	10/13/2010	m,p-Xylene	11	ug/Kg	U
SEF10081108TDF3	10/8/2010	m,p-Xylene	11	ug/Kg	U
SEE10071045ARM1	10/7/2010	m,p-Xylene	11	ug/Kg	U
SEF10051206TDF3	10/5/2010	m,p-Xylene	11	ug/Kg	U
SEE10041045ARM1	10/4/2010	m,p-Xylene	11	ug/Kg	U
SEE09251235ARM1	9/25/2010	m,p-Xylene	11	ug/Kg	U
SEE09140945JRP1	9/14/2010	m,p-Xylene	11	ug/Kg	U
SEE09080930JRP1	9/8/2010	m,p-Xylene	11	ug/Kg	U
SEE09011515JAW1	9/1/2010	m,p-Xylene	11	ug/Kg	U
SEE08301100JRP1	8/30/2010	m,p-Xylene	11	ug/Kg	U
SEE08281540JRP1	8/28/2010	m,p-Xylene	11	ug/kg	U
SEE10121040ARM1	10/12/2010	m,p-Xylene	10	ug/Kg	U
SEF10121130PMB3	10/12/2010	m,p-Xylene	10	ug/Kg	U
SEE09301025MAE1	9/30/2010	m,p-Xylene	10	ug/Kg	U
SEE09221045ARM1	9/22/2010	m,p-Xylene	10	ug/Kg	U
SEE09100920JRP1	9/10/2010	m,p-Xylene	10	ug/Kg	U
SEE09051500JAW1	9/5/2010	m,p-Xylene	10	ug/Kg	U
SEB08281400JLS1	8/28/2010	m,p-Xylene	10	ug/kg	U
SEE09070930JRP1	9/7/2010	m,p-Xylene	9.8	ug/Kg	U
SEE10051145RCM1	10/5/2010	m,p-Xylene	9.7	ug/Kg	U
SEE10181030JWP1	10/18/2010	m,p-Xylene	9.2	ug/Kg	U
SEF09281139TDF1	9/28/2010	m,p-Xylene	8.6	ug/Kg	U
SEE09231205RCM1	9/23/2010	m,p-Xylene	6.5	ug/Kg	U
SEE08271445JRP1	8/27/2010	m,p-Xylene	5.7	ug/kg	U
SEE10061135ARM1	10/6/2010	m,p-Xylene	3.7	ug/Kg	J
SEF09281139TDF1	9/28/2010	Magnesium	16000000	ug/Kg	J
SEB09011143JLS1	9/1/2010	Magnesium	12000000	ug/Kg	
SEE08281510TWH1	8/28/2010	Magnesium	8860000	ug/kg	
SEE08281505PML1	8/28/2010	Magnesium	7690000	ug/kg	
SEE09011545PML1	9/1/2010	Magnesium	7400000	ug/Kg	
SEE08271215PML1	8/27/2010	Magnesium	7290000	ug/kg	
SEE08281630RCM1	8/28/2010	Magnesium	7120000	ug/kg	
SEE09221440JDF1	9/22/2010	Magnesium	7000000	ug/Kg	
SEE09131505PML1	9/13/2010	Magnesium	7000000	ug/Kg	J
SEE09011050PML1	9/1/2010	Magnesium	7000000	ug/Kg	
SEE10031425JDF1	10/3/2010	Magnesium	6900000	ug/Kg	B
SEE10161530JDF1	10/16/2010	Magnesium	6800000	ug/Kg	
SEE09161045PML1	9/16/2010	Magnesium	6800000	ug/Kg	
SEE09011545MHS1	9/1/2010	Magnesium	6800000	ug/Kg	
SEE10161415JDF1	10/16/2010	Magnesium	6700000	ug/Kg	
SEE09121450PML1	9/12/2010	Magnesium	6700000	ug/Kg	
SEE08271500PML1	8/27/2010	Magnesium	6640000	ug/kg	
SEE10061051RCM1	10/6/2010	Magnesium	6600000	ug/Kg	
SEE09171415PML1	9/17/2010	Magnesium	6600000	ug/Kg	
SEE09131125PML1	9/13/2010	Magnesium	6600000	ug/Kg	J
SEE09091025JRP1	9/9/2010	Magnesium	6600000	ug/Kg	
SEE08301530JAW1	8/30/2010	Magnesium	6600000	ug/Kg	
SEE10120930JDF1	10/12/2010	Magnesium	6500000	ug/Kg	
SEE10081231PML1	10/8/2010	Magnesium	6500000	ug/Kg	
SEE10071205PML1	10/7/2010	Magnesium	6500000	ug/Kg	
SEE09091515PML1	9/9/2010	Magnesium	6500000	ug/Kg	



**TABLE B-2b**  
**Upstream Sediment Samples (Morrow Lake)**

Sample ID	Sample Date	Analyte	Result	Unit	Data Qualifier
SEE08301015JRP1	8/30/2010	Magnesium	6500000	ug/Kg	
SEE08261620RCM1	8/26/2010	Magnesium	6480000	ug/kg	
SEE08281607TWH1	8/28/2010	Magnesium	6450000	ug/kg	
SEE10111125JDF1	10/11/2010	Magnesium	6400000	ug/Kg	
SEE10071415ARM1	10/7/2010	Magnesium	6400000	ug/Kg	
SEE09271130JDF1	9/27/2010	Magnesium	6400000	ug/Kg	J
SEE09191445RCM1	9/19/2010	Magnesium	6400000	ug/Kg	
SEE09081020RCM1	9/8/2010	Magnesium	6400000	ug/Kg	
SEE09051130PML1	9/5/2010	Magnesium	6400000	ug/Kg	
SEE08261445JRP1	8/26/2010	Magnesium	6400000	ug/Kg	B
SEE10121415ARM1	10/12/2010	Magnesium	6300000	ug/Kg	
SEE10111011JDF1	10/11/2010	Magnesium	6300000	ug/Kg	
SEE10081051RCM1	10/8/2010	Magnesium	6300000	ug/Kg	
SEE09291035JDF1	9/29/2010	Magnesium	6300000	ug/Kg	
SEE09260930RCM1	9/26/2010	Magnesium	6300000	ug/Kg	
SEE09211155JDF1	9/21/2010	Magnesium	6300000	ug/Kg	
SEE09121436RCM1	9/12/2010	Magnesium	6300000	ug/Kg	
SEE09091010PML1	9/9/2010	Magnesium	6300000	ug/Kg	
SEE09051015PML1	9/5/2010	Magnesium	6300000	ug/Kg	
SEE10161055JDF1	10/16/2010	Magnesium	6200000	ug/Kg	
SEE09271025ARM1	9/27/2010	Magnesium	6200000	ug/Kg	J
SEE09170839RCM1	9/17/2010	Magnesium	6200000	ug/Kg	
SEE09101215PML1	9/10/2010	Magnesium	6200000	ug/Kg	
SEE09091145PML1	9/9/2010	Magnesium	6200000	ug/Kg	
SEE08301445JRP1	8/30/2010	Magnesium	6200000	ug/Kg	
SEE08281215PML1	8/28/2010	Magnesium	6120000	ug/kg	
SEE10151055ARM1	10/15/2010	Magnesium	6100000	ug/Kg	J
SEE10111350JDF1	10/11/2010	Magnesium	6100000	ug/Kg	
SEE10041150JDF1	10/4/2010	Magnesium	6100000	ug/Kg	
SEE09290925JDF1	9/29/2010	Magnesium	6100000	ug/Kg	
SEE09271515JDF1	9/27/2010	Magnesium	6100000	ug/Kg	J
SEE09220935RCM1	9/22/2010	Magnesium	6100000	ug/Kg	
SEE09221105JDF1	9/22/2010	Magnesium	6100000	ug/Kg	
SEE09040950PML1	9/4/2010	Magnesium	6100000	ug/Kg	J
SEE09011255PML1	9/1/2010	Magnesium	6100000	ug/Kg	
SEE10150945JDF1	10/15/2010	Magnesium	6000000	ug/Kg	J
SEE10071540PML1	10/7/2010	Magnesium	6000000	ug/Kg	
SEE10041050JDF1	10/4/2010	Magnesium	6000000	ug/Kg	
SEE09291023RCM1	9/29/2010	Magnesium	6000000	ug/Kg	
SEE09221615JDF1	9/22/2010	Magnesium	6000000	ug/Kg	
SEE09141135PML1	9/14/2010	Magnesium	6000000	ug/Kg	
SEE09131620PML1	9/13/2010	Magnesium	6000000	ug/Kg	J
SEE09101625PML1	9/10/2010	Magnesium	6000000	ug/Kg	
SEE09091410PML1	9/9/2010	Magnesium	6000000	ug/Kg	
SEE09051430PML1	9/5/2010	Magnesium	6000000	ug/Kg	
SEE08301520JRP1	8/30/2010	Magnesium	6000000	ug/Kg	
SEE10091401PML1	10/9/2010	Magnesium	5900000	ug/Kg	
SEE09301105JDF1	9/30/2010	Magnesium	5900000	ug/Kg	
SEE09181235PML1	9/18/2010	Magnesium	5900000	ug/Kg	
SEE09171125PML1	9/17/2010	Magnesium	5900000	ug/Kg	
SEE09171530PML1	9/17/2010	Magnesium	5900000	ug/Kg	
SEE09130955JRP1	9/13/2010	Magnesium	5900000	ug/Kg	J
SEE09091605PML1	9/9/2010	Magnesium	5900000	ug/Kg	
SEE09051550MHS1	9/5/2010	Magnesium	5900000	ug/Kg	
SEE09030925PML1	9/3/2010	Magnesium	5900000	ug/Kg	
SEE09031115JAW1	9/3/2010	Magnesium	5900000	ug/Kg	
SEE09021400PML1	9/2/2010	Magnesium	5900000	ug/Kg	J
SEE09011145PML1	9/1/2010	Magnesium	5900000	ug/Kg	
SEE08301130PML1	8/30/2010	Magnesium	5900000	ug/Kg	
SEE10071101PML1	10/7/2010	Magnesium	5800000	ug/Kg	

**TABLE B-2b**  
**Upstream Sediment Samples (Morrow Lake)**

Sample ID	Sample Date	Analyte	Result	Unit	Data Qualifier
SEE09301255MAE1	9/30/2010	Magnesium	5800000	ug/Kg	
SEE09231130ARM1	9/23/2010	Magnesium	5800000	ug/Kg	
SEE09130940PML1	9/13/2010	Magnesium	5800000	ug/Kg	J
SEE09101022PML1	9/10/2010	Magnesium	5800000	ug/Kg	
SEE09071050PML1	9/7/2010	Magnesium	5800000	ug/Kg	
SEE09061500PML1	9/6/2010	Magnesium	5800000	ug/Kg	
SEE09011635PML1	9/1/2010	Magnesium	5800000	ug/Kg	
SEE10171410JDF1	10/17/2010	Magnesium	5700000	ug/Kg	
SEE10161115ARM1	10/16/2010	Magnesium	5700000	ug/Kg	
SEE10051125PML1	10/5/2010	Magnesium	5700000	ug/Kg	
SEE10040945JDF1	10/4/2010	Magnesium	5700000	ug/Kg	
SEE09261215JDF1	9/26/2010	Magnesium	5700000	ug/Kg	
SEE09251135JDF1	9/25/2010	Magnesium	5700000	ug/Kg	
SEE09230955RCM1	9/23/2010	Magnesium	5700000	ug/Kg	
SEE09191040PML1	9/19/2010	Magnesium	5700000	ug/Kg	
SEE09170945PML1	9/17/2010	Magnesium	5700000	ug/Kg	
SEE09131026RCM1	9/13/2010	Magnesium	5700000	ug/Kg	J
SEE09091410RCM1	9/9/2010	Magnesium	5700000	ug/Kg	
SEE08261420RCM1	8/26/2010	Magnesium	5670000	ug/kg	
SEE10011120JDF1	10/1/2010	Magnesium	5600000	ug/Kg	J
SEE09211530JDF1	9/21/2010	Magnesium	5600000	ug/Kg	
SEE09141515PML1	9/14/2010	Magnesium	5600000	ug/Kg	
SEE09041350PML1	9/4/2010	Magnesium	5600000	ug/Kg	J
SEE09031645MHS1	9/3/2010	Magnesium	5600000	ug/Kg	
SEB08281400JLS1	8/28/2010	Magnesium	5540000	ug/kg	
SEE10131150JDF1	10/13/2010	Magnesium	5500000	ug/Kg	J
SEE10081115PML1	10/8/2010	Magnesium	5500000	ug/Kg	
SEE09231645JDF1	9/23/2010	Magnesium	5500000	ug/Kg	
SEE09201645ARM1	9/20/2010	Magnesium	5500000	ug/Kg	
SEE09131445RCM1	9/13/2010	Magnesium	5500000	ug/Kg	J
SEE09121105RCM1	9/12/2010	Magnesium	5500000	ug/Kg	
SEE09091005RCM1	9/9/2010	Magnesium	5500000	ug/Kg	
SEE09061130MHS1	9/6/2010	Magnesium	5500000	ug/Kg	
SEE09031140MHS1	9/3/2010	Magnesium	5500000	ug/Kg	
SEE08301550PML1	8/30/2010	Magnesium	5500000	ug/Kg	
SEE10151355ARM1	10/15/2010	Magnesium	5400000	ug/Kg	J
SEE10141015JDF1	10/14/2010	Magnesium	5400000	ug/Kg	
SEE10101215PML1	10/10/2010	Magnesium	5400000	ug/Kg	
SEE10101215PML1	10/10/2010	Magnesium	5400000	ug/Kg	
SEE10031115JDF1	10/3/2010	Magnesium	5400000	ug/Kg	B
SEE10031115JDF1	10/3/2010	Magnesium	5400000	ug/Kg	B
SEE09261625JDF1	9/26/2010	Magnesium	5400000	ug/Kg	
SEE09261625JDF1	9/26/2010	Magnesium	5400000	ug/Kg	
SEE09250905RCM1	9/25/2010	Magnesium	5400000	ug/Kg	
SEE09140945PML1	9/14/2010	Magnesium	5400000	ug/Kg	
SEE09081205PML1	9/8/2010	Magnesium	5400000	ug/Kg	
SEE08311420PML1	8/31/2010	Magnesium	5400000	ug/Kg	
SEE08311420PML1	8/31/2010	Magnesium	5400000	ug/Kg	
SEE08291421KAP1	8/29/2010	Magnesium	5330000	ug/kg	
SEE10141555ARM1	10/14/2010	Magnesium	5300000	ug/Kg	
SEE10091614PML1	10/9/2010	Magnesium	5300000	ug/Kg	
SEE10051653PML1	10/5/2010	Magnesium	5300000	ug/Kg	
SEE10041530JDF1	10/4/2010	Magnesium	5300000	ug/Kg	
SEE09191530PML1	9/19/2010	Magnesium	5300000	ug/Kg	
SEE09121055PML1	9/12/2010	Magnesium	5300000	ug/Kg	
SEE09121055PML1	9/12/2010	Magnesium	5300000	ug/Kg	
SEE09061525MHS1	9/6/2010	Magnesium	5300000	ug/Kg	
SEE09021010PML1	9/2/2010	Magnesium	5300000	ug/Kg	J
SEE08301638MHS1	8/30/2010	Magnesium	5300000	ug/Kg	
SEE10181035JDF1	10/18/2010	Magnesium	5200000	ug/Kg	

**TABLE B-2b**  
**Upstream Sediment Samples (Morrow Lake)**

Sample ID	Sample Date	Analyte	Result	Unit	Data Qualifier
SEE10171115JDF1	10/17/2010	Magnesium	5200000	ug/Kg	
SEE10141550JDF1	10/14/2010	Magnesium	5200000	ug/Kg	
SEE10141550JDF1	10/14/2010	Magnesium	5200000	ug/Kg	
SEE10101010PML1	10/10/2010	Magnesium	5200000	ug/Kg	
SEE10071042RCM1	10/7/2010	Magnesium	5200000	ug/Kg	
SEE10041138RCM1	10/4/2010	Magnesium	5200000	ug/Kg	
SEE09301255JDF1	9/30/2010	Magnesium	5200000	ug/Kg	
SEE09231210JDF1	9/23/2010	Magnesium	5200000	ug/Kg	
SEE09181705PML1	9/18/2010	Magnesium	5200000	ug/Kg	
SEE09161035RCM1	9/16/2010	Magnesium	5200000	ug/Kg	
SEE09151145PML1	9/15/2010	Magnesium	5200000	ug/Kg	
SEE09151145PML1	9/15/2010	Magnesium	5200000	ug/Kg	
SEE09081010PML1	9/8/2010	Magnesium	5200000	ug/Kg	
SEE09031100PML1	9/3/2010	Magnesium	5200000	ug/Kg	
SEE09031650PML1	9/3/2010	Magnesium	5200000	ug/Kg	
SEE09031650PML1	9/3/2010	Magnesium	5200000	ug/Kg	
SEE08301145MHS1	8/30/2010	Magnesium	5200000	ug/Kg	
SEE08291550KAP1	8/29/2010	Magnesium	5150000	ug/kg	
SEE10011125ARM1	10/1/2010	Magnesium	5100000	ug/Kg	J
SEE09171445RCM1	9/17/2010	Magnesium	5100000	ug/Kg	
SEE09061105PML1	9/6/2010	Magnesium	5100000	ug/Kg	
SEE08311045PML1	8/31/2010	Magnesium	5100000	ug/Kg	
SEE08281420TWH1	8/28/2010	Magnesium	5020000	ug/kg	
SEE10181510JDF1	10/18/2010	Magnesium	5000000	ug/Kg	
SEE10181510JDF1	10/18/2010	Magnesium	5000000	ug/Kg	
SEE10041355ARM1	10/4/2010	Magnesium	5000000	ug/Kg	
SEE09201115RCM1	9/20/2010	Magnesium	5000000	ug/Kg	
SEE09151015PML1	9/15/2010	Magnesium	5000000	ug/Kg	
SEE09111015PML1	9/11/2010	Magnesium	5000000	ug/Kg	
SEE10181210JDF1	10/18/2010	Magnesium	4900000	ug/Kg	
SEE10181430JWP1	10/18/2010	Magnesium	4900000	ug/Kg	
SEE10170915JDF1	10/17/2010	Magnesium	4900000	ug/Kg	
SEE10061205PML1	10/6/2010	Magnesium	4900000	ug/Kg	
SEE10061640PML1	10/6/2010	Magnesium	4900000	ug/Kg	
SEE10061640PML1	10/6/2010	Magnesium	4900000	ug/Kg	
SEE09200945PML1	9/20/2010	Magnesium	4900000	ug/Kg	
SEE09200945PML1	9/20/2010	Magnesium	4900000	ug/Kg	
SEE09090900JRP1	9/9/2010	Magnesium	4900000	ug/Kg	
SEE08291110PML1	8/29/2010	Magnesium	4890000	ug/kg	
SEE10141150JDF1	10/14/2010	Magnesium	4800000	ug/Kg	
SEE10041335JDF1	10/4/2010	Magnesium	4800000	ug/Kg	
SEE08271145RCM1	8/27/2010	Magnesium	4770000	ug/kg	
SEE10121030JDF1	10/12/2010	Magnesium	4700000	ug/Kg	
SEE10121155JDF1	10/12/2010	Magnesium	4700000	ug/Kg	
SEE09130915JRP1	9/13/2010	Magnesium	4600000	ug/Kg	J
SEE09211112RCM1	9/21/2010	Magnesium	4400000	ug/Kg	
SEE08271614TWH1	8/27/2010	Magnesium	4020000	ug/kg	
SEF10011045TDF1	10/1/2010	Magnesium	4000000	ug/Kg	J
SEE09301205RCM1	9/30/2010	Magnesium	4000000	ug/Kg	
SEE08300920JRP1	8/30/2010	Magnesium	4000000	ug/Kg	
SEE09201110ARM1	9/20/2010	Magnesium	3900000	ug/Kg	
SEE09141312RCM1	9/14/2010	Magnesium	3800000	ug/Kg	
SEE09291135JDF1	9/29/2010	Magnesium	3600000	ug/Kg	
SEF10051206TDF3	10/5/2010	Magnesium	3500000	ug/Kg	
SEE10081035ARM1	10/8/2010	Magnesium	3400000	ug/Kg	
SEF10081108TDF3	10/8/2010	Magnesium	3300000	ug/Kg	
SEE10051415ARM1	10/5/2010	Magnesium	3300000	ug/Kg	
SEE08261700JRP1	8/26/2010	Magnesium	3300000	ug/Kg	B
SEE08271536TWH1	8/27/2010	Magnesium	3260000	ug/kg	
SEE09061610JAW1	9/6/2010	Magnesium	3200000	ug/Kg	

**TABLE B-2b**  
**Upstream Sediment Samples (Morrow Lake)**

Sample ID	Sample Date	Analyte	Result	Unit	Data Qualifier
SEE08291354KAP1	8/29/2010	Magnesium	3170000	ug/kg	
SEE08311348MHS1	8/31/2010	Magnesium	3100000	ug/Kg	
SEE10071151RCM1	10/7/2010	Magnesium	2700000	ug/Kg	
SEE09291645JDF1	9/29/2010	Magnesium	2600000	ug/Kg	
SEE08311010JRP1	8/31/2010	Magnesium	2600000	ug/Kg	
SEE10141025ARM1	10/14/2010	Magnesium	2200000	ug/Kg	
SEE10061135ARM1	10/6/2010	Magnesium	2200000	ug/Kg	
SEE09221045ARM1	9/22/2010	Magnesium	2200000	ug/Kg	
SEE09051500MHS1	9/5/2010	Magnesium	2100000	ug/Kg	
SEE10091200ARM1	10/9/2010	Magnesium	1900000	ug/Kg	
SEE08281540JRP1	8/28/2010	Magnesium	1780000	ug/kg	
SEE08291445PML1	8/29/2010	Magnesium	1730000	ug/kg	
SEE09231205RCM1	9/23/2010	Magnesium	1700000	ug/Kg	
SEE10171535ARM1	10/17/2010	Magnesium	1600000	ug/Kg	
SEE08271652TWH1	8/27/2010	Magnesium	1520000	ug/kg	
SEE09171200ARM1	9/17/2010	Magnesium	1500000	ug/Kg	
SEE09051500JAW1	9/5/2010	Magnesium	1400000	ug/Kg	
SEF10121130PMB3	10/12/2010	Magnesium	1300000	ug/Kg	
SEE09271500ARM1	9/27/2010	Magnesium	1300000	ug/Kg	J
SEE09211120ARM1	9/21/2010	Magnesium	1300000	ug/Kg	
SEE08271445JRP1	8/27/2010	Magnesium	1220000	ug/kg	
SEE09251235ARM1	9/25/2010	Magnesium	1200000	ug/Kg	
SEE09231035ARM1	9/23/2010	Magnesium	1200000	ug/Kg	
SEE09140945JRP1	9/14/2010	Magnesium	1200000	ug/Kg	
SEE10181030JWP1	10/18/2010	Magnesium	1100000	ug/Kg	
SEE10121040ARM1	10/12/2010	Magnesium	1100000	ug/Kg	
SEE10071045ARM1	10/7/2010	Magnesium	1100000	ug/Kg	
SEE09100920JRP1	9/10/2010	Magnesium	1100000	ug/Kg	
SEE08301410JRP1	8/30/2010	Magnesium	1100000	ug/Kg	
SEE09100945RCM1	9/10/2010	Magnesium	1000000	ug/Kg	
SEE09281445RCM1	9/28/2010	Magnesium	990000	ug/Kg	J
SEE09290915MAE1	9/29/2010	Magnesium	980000	ug/Kg	
SEE10131035ARM1	10/13/2010	Magnesium	950000	ug/Kg	J
SEE09150915JRP1	9/15/2010	Magnesium	950000	ug/Kg	
SEE09301025MAE1	9/30/2010	Magnesium	920000	ug/Kg	
SEE09011515JAW1	9/1/2010	Magnesium	900000	ug/Kg	
SEE09080930JRP1	9/8/2010	Magnesium	890000	ug/Kg	
SEE09070930JRP1	9/7/2010	Magnesium	880000	ug/Kg	
SEE09200911RCM1	9/20/2010	Magnesium	850000	ug/Kg	
SEF10151030PMB3	10/15/2010	Magnesium	820000	ug/Kg	J
SEE08301100JRP1	8/30/2010	Magnesium	720000	ug/Kg	
SEE09170935RCM1	9/17/2010	Magnesium	700000	ug/Kg	
SEE10041045ARM1	10/4/2010	Magnesium	680000	ug/Kg	
SEE10011043RCM1	10/1/2010	Magnesium	660000	ug/Kg	J
SEE10051145RCM1	10/5/2010	Magnesium	490000	ug/Kg	
SEE09291035JDF1	9/29/2010	Mercury	1500	ug/Kg	
SEE09090900JRP1	9/9/2010	Mercury	1100	ug/Kg	
SEE09011255PML1	9/1/2010	Mercury	1000	ug/Kg	
SEE10151355ARM1	10/15/2010	Mercury	810	ug/Kg	B
SEE09171415PML1	9/17/2010	Mercury	780	ug/Kg	B
SEE10051415ARM1	10/5/2010	Mercury	730	ug/Kg	J
SEE09271515JDF1	9/27/2010	Mercury	720	ug/Kg	
SEE10121415ARM1	10/12/2010	Mercury	630	ug/Kg	
SEE09271130JDF1	9/27/2010	Mercury	590	ug/Kg	
SEE08291421KAP1	8/29/2010	Mercury	588	ug/kg	
SEE08301445JRP1	8/30/2010	Mercury	580	ug/Kg	
SEE09291023RCM1	9/29/2010	Mercury	550	ug/Kg	
SEE08301015JRP1	8/30/2010	Mercury	540	ug/Kg	
SEE10151055ARM1	10/15/2010	Mercury	490	ug/Kg	B
SEE09301105JDF1	9/30/2010	Mercury	470	ug/Kg	

**TABLE B-2b**  
**Upstream Sediment Samples (Morrow Lake)**

Sample ID	Sample Date	Analyte	Result	Unit	Data Qualifier
SEE08301520JRP1	8/30/2010	Mercury	470	ug/Kg	
SEE08271614TWH1	8/27/2010	Mercury	462	ug/kg	
SEE09301205RCM1	9/30/2010	Mercury	460	ug/Kg	
SEE10120930JDF1	10/12/2010	Mercury	450	ug/Kg	
SEE10091401PML1	10/9/2010	Mercury	430	ug/Kg	
SEE10081051RCM1	10/8/2010	Mercury	430	ug/Kg	
SEE08281630RCM1	8/28/2010	Mercury	423	ug/kg	
SEE10181430JWP1	10/18/2010	Mercury	420	ug/Kg	J
SEE10111125JDF1	10/11/2010	Mercury	420	ug/Kg	
SEE09271025ARM1	9/27/2010	Mercury	420	ug/Kg	
SEE08281420TWH1	8/28/2010	Mercury	416	ug/kg	
SEE09301255JDF1	9/30/2010	Mercury	410	ug/Kg	
SEE09081020RCM1	9/8/2010	Mercury	410	ug/Kg	^
SEE09290925JDF1	9/29/2010	Mercury	400	ug/Kg	
SEE10111350JDF1	10/11/2010	Mercury	390	ug/Kg	
SEE10091614PML1	10/9/2010	Mercury	390	ug/Kg	
SEE10071415ARM1	10/7/2010	Mercury	390	ug/Kg	
SEE10061051RCM1	10/6/2010	Mercury	390	ug/Kg	
SEE09301255MAE1	9/30/2010	Mercury	390	ug/Kg	
SEE09191445RCM1	9/19/2010	Mercury	390	ug/Kg	
SEE08271215PML1	8/27/2010	Mercury	387	ug/kg	
SEE09141135PML1	9/14/2010	Mercury	380	ug/Kg	
SEE08281505PML1	8/28/2010	Mercury	377	ug/kg	
SEE09011545MHS1	9/1/2010	Mercury	370	ug/Kg	
SEE08261420RCM1	8/26/2010	Mercury	369	ug/kg	
SEE08261620RCM1	8/26/2010	Mercury	361	ug/kg	
SEE10161115ARM1	10/16/2010	Mercury	360	ug/Kg	B
SEE10081231PML1	10/8/2010	Mercury	360	ug/Kg	
SEE09170839RCM1	9/17/2010	Mercury	360	ug/Kg	B
SEE08301130PML1	8/30/2010	Mercury	360	ug/Kg	
SEE08271500PML1	8/27/2010	Mercury	358	ug/kg	
SEE09161045PML1	9/16/2010	Mercury	350	ug/Kg	
SEE09091605PML1	9/9/2010	Mercury	350	ug/Kg	
SEE09011050PML1	9/1/2010	Mercury	350	ug/Kg	
SEE08281607TWH1	8/28/2010	Mercury	338	ug/kg	
SEE10111011JDF1	10/11/2010	Mercury	330	ug/Kg	
SEE10071045ARM1	10/7/2010	Mercury	330	ug/Kg	
SEE10041150JDF1	10/4/2010	Mercury	330	ug/Kg	
SEE09260930RCM1	9/26/2010	Mercury	330	ug/Kg	
SEE09181235PML1	9/18/2010	Mercury	330	ug/Kg	
SEE09071050PML1	9/7/2010	Mercury	330	ug/Kg	
SEE10161055JDF1	10/16/2010	Mercury	320	ug/Kg	B
SEE09220935RCM1	9/22/2010	Mercury	320	ug/Kg	J
SEE09121450PML1	9/12/2010	Mercury	320	ug/Kg	
SEE08301638MHS1	8/30/2010	Mercury	320	ug/Kg	
SEE10091200ARM1	10/9/2010	Mercury	310	ug/Kg	
SEE10081115PML1	10/8/2010	Mercury	310	ug/Kg	
SEE10051125PML1	10/5/2010	Mercury	310	ug/Kg	J
SEE09171530PML1	9/17/2010	Mercury	310	ug/Kg	B
SEE09131026RCM1	9/13/2010	Mercury	310	ug/Kg	
SEE09131125PML1	9/13/2010	Mercury	310	ug/Kg	
SEE09131505PML1	9/13/2010	Mercury	310	ug/Kg	
SEE09121436RCM1	9/12/2010	Mercury	310	ug/Kg	
SEE09051550MHS1	9/5/2010	Mercury	310	ug/Kg	
SEE09031115JAW1	9/3/2010	Mercury	310	ug/Kg	
SEE09170945PML1	9/17/2010	Mercury	300	ug/Kg	B
SEE09130955JRP1	9/13/2010	Mercury	300	ug/Kg	
SEE09091010PML1	9/9/2010	Mercury	300	ug/Kg	
SEE09021010PML1	9/2/2010	Mercury	300	ug/Kg	
SEE10131150JDF1	10/13/2010	Mercury	290	ug/Kg	

**TABLE B-2b**  
**Upstream Sediment Samples (Morrow Lake)**

Sample ID	Sample Date	Analyte	Result	Unit	Data Qualifier
SEE10101215PML1	10/10/2010	Mercury	290	ug/Kg	
SEE10101215PML1	10/10/2010	Mercury	290	ug/Kg	
SEE10040945JDF1	10/4/2010	Mercury	290	ug/Kg	
SEE10041138RCM1	10/4/2010	Mercury	290	ug/Kg	
SEE09191040PML1	9/19/2010	Mercury	290	ug/Kg	
SEE09171125PML1	9/17/2010	Mercury	290	ug/Kg	B
SEE09101625PML1	9/10/2010	Mercury	290	ug/Kg	
SEE09091005RCM1	9/9/2010	Mercury	290	ug/Kg	
SEE09011145PML1	9/1/2010	Mercury	290	ug/Kg	
SEE09011545PML1	9/1/2010	Mercury	290	ug/Kg	
SEE08301145MHS1	8/30/2010	Mercury	290	ug/Kg	
SEE08301530JAW1	8/30/2010	Mercury	290	ug/Kg	
SEE08261445JRP1	8/26/2010	Mercury	290	ug/Kg	
SEE10101010PML1	10/10/2010	Mercury	280	ug/Kg	
SEE10071540PML1	10/7/2010	Mercury	280	ug/Kg	
SEE09101215PML1	9/10/2010	Mercury	280	ug/Kg	
SEE09091145PML1	9/9/2010	Mercury	280	ug/Kg	
SEE09081205PML1	9/8/2010	Mercury	280	ug/Kg	^
SEE10141555ARM1	10/14/2010	Mercury	270	ug/Kg	
SEE10121030JDF1	10/12/2010	Mercury	270	ug/Kg	
SEE10051653PML1	10/5/2010	Mercury	270	ug/Kg	J
SEE10041050JDF1	10/4/2010	Mercury	270	ug/Kg	
SEE09231130ARM1	9/23/2010	Mercury	270	ug/Kg	
SEE09231645JDF1	9/23/2010	Mercury	270	ug/Kg	
SEE09211155JDF1	9/21/2010	Mercury	270	ug/Kg	
SEE09171445RCM1	9/17/2010	Mercury	270	ug/Kg	B
SEE09161035RCM1	9/16/2010	Mercury	270	ug/Kg	
SEE09131445RCM1	9/13/2010	Mercury	270	ug/Kg	
SEE09131620PML1	9/13/2010	Mercury	270	ug/Kg	
SEE09101022PML1	9/10/2010	Mercury	270	ug/Kg	
SEE09091025JRP1	9/9/2010	Mercury	270	ug/Kg	
SEE09091410PML1	9/9/2010	Mercury	270	ug/Kg	
SEE08301550PML1	8/30/2010	Mercury	270	ug/Kg	
SEE10041355ARM1	10/4/2010	Mercury	260	ug/Kg	
SEE09291135JDF1	9/29/2010	Mercury	260	ug/Kg	
SEE09211530JDF1	9/21/2010	Mercury	260	ug/Kg	
SEE09181705PML1	9/18/2010	Mercury	260	ug/Kg	
SEE09130940PML1	9/13/2010	Mercury	260	ug/Kg	
SEE09121105RCM1	9/12/2010	Mercury	260	ug/Kg	
SEE09091515PML1	9/9/2010	Mercury	260	ug/Kg	
SEE09081010PML1	9/8/2010	Mercury	260	ug/Kg	^
SEE09051015PML1	9/5/2010	Mercury	260	ug/Kg	
SEE09021400PML1	9/2/2010	Mercury	260	ug/Kg	
SEE08311420PML1	8/31/2010	Mercury	260	ug/Kg	
SEE08311420PML1	8/31/2010	Mercury	260	ug/Kg	
SEE08271145RCM1	8/27/2010	Mercury	258	ug/kg	
SEE10071205PML1	10/7/2010	Mercury	250	ug/Kg	
SEE10011120JDF1	10/1/2010	Mercury	250	ug/Kg	
SEE09230955RCM1	9/23/2010	Mercury	250	ug/Kg	
SEE09201115RCM1	9/20/2010	Mercury	250	ug/Kg	
SEE09201645ARM1	9/20/2010	Mercury	250	ug/Kg	
SEE09051130PML1	9/5/2010	Mercury	250	ug/Kg	
SEE08291550KAP1	8/29/2010	Mercury	250	ug/kg	
SEE10071101PML1	10/7/2010	Mercury	240	ug/Kg	
SEE10041335JDF1	10/4/2010	Mercury	240	ug/Kg	
SEE09291645JDF1	9/29/2010	Mercury	240	ug/Kg	
SEE09221105JDF1	9/22/2010	Mercury	240	ug/Kg	J
SEE09151145PML1	9/15/2010	Mercury	240	ug/Kg	
SEE09151145PML1	9/15/2010	Mercury	240	ug/Kg	
SEE09141515PML1	9/14/2010	Mercury	240	ug/Kg	

**TABLE B-2b**  
**Upstream Sediment Samples (Morrow Lake)**

Sample ID	Sample Date	Analyte	Result	Unit	Data Qualifier
SEE09091410RCM1	9/9/2010	Mercury	240	ug/Kg	
SEE09031140MHS1	9/3/2010	Mercury	240	ug/Kg	
SEE09031645MHS1	9/3/2010	Mercury	240	ug/Kg	
SEE08311045PML1	8/31/2010	Mercury	240	ug/Kg	
SEE08281215PML1	8/28/2010	Mercury	239	ug/kg	
SEE08281510TWH1	8/28/2010	Mercury	235	ug/kg	
SEE10071042RCM1	10/7/2010	Mercury	230	ug/Kg	
SEE10061205PML1	10/6/2010	Mercury	230	ug/Kg	
SEE09191530PML1	9/19/2010	Mercury	230	ug/Kg	
SEE09140945PML1	9/14/2010	Mercury	230	ug/Kg	
SEE09111015PML1	9/11/2010	Mercury	230	ug/Kg	
SEE09030925PML1	9/3/2010	Mercury	230	ug/Kg	
SEE09031100PML1	9/3/2010	Mercury	230	ug/Kg	
SEE08300920JRP1	8/30/2010	Mercury	230	ug/Kg	
SEE10161415JDF1	10/16/2010	Mercury	220	ug/Kg	B
SEE10061640PML1	10/6/2010	Mercury	220	ug/Kg	
SEE10061640PML1	10/6/2010	Mercury	220	ug/Kg	
SEE10031425JDF1	10/3/2010	Mercury	220	ug/Kg	
SEE09251135JDF1	9/25/2010	Mercury	220	ug/Kg	
SEE09221440JDF1	9/22/2010	Mercury	220	ug/Kg	J
SEE09121055PML1	9/12/2010	Mercury	220	ug/Kg	
SEE09121055PML1	9/12/2010	Mercury	220	ug/Kg	
SEE09051430PML1	9/5/2010	Mercury	220	ug/Kg	
SEE09011635PML1	9/1/2010	Mercury	220	ug/Kg	
SEE10041530JDF1	10/4/2010	Mercury	210	ug/Kg	
SEE09211112RCM1	9/21/2010	Mercury	210	ug/Kg	
SEE09151015PML1	9/15/2010	Mercury	210	ug/Kg	
SEE10171410JDF1	10/17/2010	Mercury	200	ug/Kg	B
SEE10150945JDF1	10/15/2010	Mercury	200	ug/Kg	B
SEE10141015JDF1	10/14/2010	Mercury	200	ug/Kg	
SEE10161530JDF1	10/16/2010	Mercury	190	ug/Kg	B
SEE10121155JDF1	10/12/2010	Mercury	190	ug/Kg	
SEE09231210JDF1	9/23/2010	Mercury	190	ug/Kg	
SEE09200945PML1	9/20/2010	Mercury	190	ug/Kg	
SEE09200945PML1	9/20/2010	Mercury	190	ug/Kg	
SEE09061525MHS1	9/6/2010	Mercury	190	ug/Kg	
SEE09041350PML1	9/4/2010	Mercury	190	ug/Kg	
SEE09221615JDF1	9/22/2010	Mercury	180	ug/Kg	J
SEE08311010JRP1	8/31/2010	Mercury	180	ug/Kg	
SEE09031650PML1	9/3/2010	Mercury	170	ug/Kg	
SEE09031650PML1	9/3/2010	Mercury	170	ug/Kg	
SEE08291110PML1	8/29/2010	Mercury	167	ug/kg	
SEE09141312RCM1	9/14/2010	Mercury	160	ug/Kg	
SEE09040950PML1	9/4/2010	Mercury	160	ug/Kg	
SEE10170915JDF1	10/17/2010	Mercury	150	ug/Kg	B
SEE10171115JDF1	10/17/2010	Mercury	150	ug/Kg	B
SEE10031115JDF1	10/3/2010	Mercury	150	ug/Kg	
SEE10031115JDF1	10/3/2010	Mercury	150	ug/Kg	
SEE08271652TWH1	8/27/2010	Mercury	146	ug/kg	
SEE10181035JDF1	10/18/2010	Mercury	140	ug/Kg	J
SEE09261625JDF1	9/26/2010	Mercury	140	ug/Kg	
SEE09261625JDF1	9/26/2010	Mercury	140	ug/Kg	
SEE10171535ARM1	10/17/2010	Mercury	130	ug/Kg	B
SEE09250905RCM1	9/25/2010	Mercury	120	ug/Kg	
SEE08291354KAP1	8/29/2010	Mercury	112	ug/kg	
SEE09290915MAE1	9/29/2010	Mercury	100	ug/Kg	
SEE09061500PML1	9/6/2010	Mercury	96	ug/Kg	
SEE09261215JDF1	9/26/2010	Mercury	93	ug/Kg	
SEE08311348MHS1	8/31/2010	Mercury	91	ug/Kg	
SEE10141150JDF1	10/14/2010	Mercury	90	ug/Kg	

**TABLE B-2b**  
**Upstream Sediment Samples (Morrow Lake)**

Sample ID	Sample Date	Analyte	Result	Unit	Data Qualifier
SEE10011125ARM1	10/1/2010	Mercury	89	ug/Kg	
SEE09271500ARM1	9/27/2010	Mercury	80	ug/Kg	
SEE08261700JRP1	8/26/2010	Mercury	80	ug/Kg	
SEE09130915JRP1	9/13/2010	Mercury	79	ug/Kg	
SEE10181210JDF1	10/18/2010	Mercury	72	ug/Kg	J
SEE10181510JDF1	10/18/2010	Mercury	71	ug/Kg	J
SEE10181510JDF1	10/18/2010	Mercury	71	ug/Kg	J
SEE09061105PML1	9/6/2010	Mercury	63	ug/Kg	J
SEE09281445RCM1	9/28/2010	Mercury	60	ug/Kg	
SEE08271445JRP1	8/27/2010	Mercury	57	ug/kg	U
SEF09281139TDF1	9/28/2010	Mercury	55	ug/Kg	
SEB08281400JLS1	8/28/2010	Mercury	53	ug/kg	U
SEE08281540JRP1	8/28/2010	Mercury	52	ug/kg	U
SEE10081035ARM1	10/8/2010	Mercury	46	ug/Kg	
SEF10081108TDF3	10/8/2010	Mercury	45	ug/Kg	
SEE10141550JDF1	10/14/2010	Mercury	43	ug/Kg	U
SEE10141550JDF1	10/14/2010	Mercury	43	ug/Kg	U
SEE09301025MAE1	9/30/2010	Mercury	43	ug/Kg	
SEE08301410JRP1	8/30/2010	Mercury	43	ug/Kg	
SEE10071151RCM1	10/7/2010	Mercury	42	ug/Kg	U
SEE09171200ARM1	9/17/2010	Mercury	42	ug/Kg	B
SEF10011045TDF1	10/1/2010	Mercury	39	ug/Kg	
SEE09061130MHS1	9/6/2010	Mercury	39	ug/Kg	J
SEE09201110ARM1	9/20/2010	Mercury	38	ug/Kg	
SEE08291445PML1	8/29/2010	Mercury	35	ug/kg	J
SEE10141025ARM1	10/14/2010	Mercury	34	ug/Kg	U
SEE09051500MHS1	9/5/2010	Mercury	34	ug/Kg	U
SEE10121040ARM1	10/12/2010	Mercury	33	ug/Kg	
SEF10051206TDF3	10/5/2010	Mercury	32	ug/Kg	J
SEE08271536TWH1	8/27/2010	Mercury	32	ug/kg	J
SEE10011043RCM1	10/1/2010	Mercury	29	ug/Kg	
SEE09150915JRP1	9/15/2010	Mercury	29	ug/Kg	
SEE08301100JRP1	8/30/2010	Mercury	29	ug/Kg	
SEE10041045ARM1	10/4/2010	Mercury	26	ug/Kg	
SEE09211120ARM1	9/21/2010	Mercury	26	ug/Kg	
SEE09170935RCM1	9/17/2010	Mercury	26	ug/Kg	B
SEE09140945JRP1	9/14/2010	Mercury	26	ug/Kg	
SEF10121130PMB3	10/12/2010	Mercury	25	ug/Kg	
SEE09200911RCM1	9/20/2010	Mercury	23	ug/Kg	U
SEE09251235ARM1	9/25/2010	Mercury	22	ug/Kg	U
SEE09051500JAW1	9/5/2010	Mercury	22	ug/Kg	U
SEE09011515JAW1	9/1/2010	Mercury	21	ug/Kg	U
SEF10151030PMB3	10/15/2010	Mercury	20	ug/Kg	U
SEE10051145RCM1	10/5/2010	Mercury	20	ug/Kg	U
SEE09221045ARM1	9/22/2010	Mercury	20	ug/Kg	UU
SEE09080930JRP1	9/8/2010	Mercury	20	ug/Kg	U
SEB09011143JLS1	9/1/2010	Mercury	20	ug/Kg	U
SEE10061135ARM1	10/6/2010	Mercury	19	ug/Kg	
SEE09070930JRP1	9/7/2010	Mercury	19	ug/Kg	J
SEE09231205RCM1	9/23/2010	Mercury	18	ug/Kg	J
SEE09100920JRP1	9/10/2010	Mercury	18	ug/Kg	J
SEE09061610JAW1	9/6/2010	Mercury	18	ug/Kg	J
SEE10181030JWP1	10/18/2010	Mercury	17	ug/Kg	UU
SEE09231035ARM1	9/23/2010	Mercury	16	ug/Kg	J
SEE09100945RCM1	9/10/2010	Mercury	12	ug/Kg	J
SEE10131035ARM1	10/13/2010	Mercury	11	ug/Kg	J
SEE10211035JDF1	10/21/2010	Methyl iodide	1200	ug/Kg	U
SEE10221110JDF1	10/22/2010	Methyl iodide	1100	ug/Kg	U
SEE10221110JDF1	10/22/2010	Methyl iodide	1100	ug/Kg	U
SEE10211430JDF1	10/21/2010	Methyl iodide	1100	ug/Kg	U



**TABLE B-2b**  
**Upstream Sediment Samples (Morrow Lake)**

Sample ID	Sample Date	Analyte	Result	Unit	Data Qualifier
SEE10191005JDF1	10/19/2010	Methyl iodide	1100	ug/Kg	U
SEE10191515JDF1	10/19/2010	Methyl iodide	1100	ug/Kg	U
SEE10191415JDF1	10/19/2010	Methyl iodide	1000	ug/Kg	U
SEE10191155JDF1	10/19/2010	Methyl iodide	970	ug/Kg	U
SEE10191100JDF1	10/19/2010	Methyl iodide	950	ug/Kg	U
SEE10211010JWP1	10/21/2010	Methyl iodide	940	ug/Kg	U
SEE10221055DWS1	10/22/2010	Methyl iodide	910	ug/Kg	U
SEE10191010JWP1	10/19/2010	Methyl iodide	900	ug/Kg	U
SEE10141015JDF1	10/14/2010	Methyl iodide	550	ug/Kg	U
SEE10221450DWS1	10/22/2010	Methyl iodide	490	ug/Kg	U
SEE10211345JWP1	10/21/2010	Methyl iodide	440	ug/Kg	U
SEF10221050MAE3	10/22/2010	Methyl iodide	310	ug/Kg	U
SEF10191135NAC3	10/19/2010	Methyl iodide	300	ug/Kg	U
SEE10191115JWP1	10/19/2010	Methyl iodide	270	ug/Kg	U
SEE09200945PML1	9/20/2010	Methyl iodide	120	ug/Kg	U
SEE09200945PML1	9/20/2010	Methyl iodide	120	ug/Kg	U
SEE09201115RCM1	9/20/2010	Methyl iodide	120	ug/Kg	U
SEE09201645ARM1	9/20/2010	Methyl iodide	97	ug/Kg	U
SEE10071042RCM1	10/7/2010	Methyl iodide	91	ug/Kg	U
SEE09061500PML1	9/6/2010	Methyl iodide	90	ug/Kg	U
SEE09301105JDF1	9/30/2010	Methyl iodide	84	ug/Kg	U
SEE09181705PML1	9/18/2010	Methyl iodide	84	ug/Kg	U
SEE09021400PML1	9/2/2010	Methyl iodide	81	ug/Kg	U
SEE08301130PML1	8/30/2010	Methyl iodide	81	ug/Kg	U
SEE10091401PML1	10/9/2010	Methyl iodide	79	ug/Kg	U
SEE10181035JDF1	10/18/2010	Methyl iodide	78	ug/Kg	U
SEE10051125PML1	10/5/2010	Methyl iodide	77	ug/Kg	U
SEE08311045PML1	8/31/2010	Methyl iodide	77	ug/Kg	U
SEE10141555ARM1	10/14/2010	Methyl iodide	76	ug/Kg	U
SEE09101215PML1	9/10/2010	Methyl iodide	76	ug/Kg	U
SEE10161530JDF1	10/16/2010	Methyl iodide	74	ug/Kg	U
SEE10081115PML1	10/8/2010	Methyl iodide	74	ug/Kg	U
SEE09030925PML1	9/3/2010	Methyl iodide	74	ug/Kg	U
SEE09031115JAW1	9/3/2010	Methyl iodide	74	ug/Kg	U
SEE10171410JDF1	10/17/2010	Methyl iodide	73	ug/Kg	U
SEE09181235PML1	9/18/2010	Methyl iodide	73	ug/Kg	U
SEE09101022PML1	9/10/2010	Methyl iodide	73	ug/Kg	U
SEE09191530PML1	9/19/2010	Methyl iodide	72	ug/Kg	U
SEE09141135PML1	9/14/2010	Methyl iodide	71	ug/Kg	U
SEE10171115JDF1	10/17/2010	Methyl iodide	70	ug/Kg	U
SEE08311420PML1	8/31/2010	Methyl iodide	70	ug/Kg	U
SEE08311420PML1	8/31/2010	Methyl iodide	70	ug/Kg	U
SEE09011545PML1	9/1/2010	Methyl iodide	69	ug/Kg	U
SEE08301550PML1	8/30/2010	Methyl iodide	69	ug/Kg	U
SEE10041530JDF1	10/4/2010	Methyl iodide	68	ug/Kg	U
SEE10181430JWP1	10/18/2010	Methyl iodide	67	ug/Kg	U
SEE10131150JDF1	10/13/2010	Methyl iodide	67	ug/Kg	U
SEE09121105RCM1	9/12/2010	Methyl iodide	67	ug/Kg	U
SEE09031100PML1	9/3/2010	Methyl iodide	67	ug/Kg	U
SEE10181510JDF1	10/18/2010	Methyl iodide	66	ug/Kg	U
SEE10181510JDF1	10/18/2010	Methyl iodide	66	ug/Kg	U
SEE10101010PML1	10/10/2010	Methyl iodide	66	ug/Kg	U
SEE10101215PML1	10/10/2010	Methyl iodide	66	ug/Kg	U
SEE10101215PML1	10/10/2010	Methyl iodide	66	ug/Kg	U
SEE09140945PML1	9/14/2010	Methyl iodide	66	ug/Kg	U
SEE09061525MHS1	9/6/2010	Methyl iodide	66	ug/Kg	U
SEE09021010PML1	9/2/2010	Methyl iodide	66	ug/Kg	U
SEE10181210JDF1	10/18/2010	Methyl iodide	65	ug/Kg	U
SEE09301255JDF1	9/30/2010	Methyl iodide	65	ug/Kg	U
SEE09051130PML1	9/5/2010	Methyl iodide	65	ug/Kg	U

**TABLE B-2b**  
**Upstream Sediment Samples (Morrow Lake)**

Sample ID	Sample Date	Analyte	Result	Unit	Data Qualifier
SEE09301205RCM1	9/30/2010	Methyl iodide	64	ug/Kg	U
SEE09141515PML1	9/14/2010	Methyl iodide	64	ug/Kg	U
SEE09091005RCM1	9/9/2010	Methyl iodide	64	ug/Kg	U
SEE09061105PML1	9/6/2010	Methyl iodide	64	ug/Kg	U
SEE09031650PML1	9/3/2010	Methyl iodide	64	ug/Kg	U
SEE09031650PML1	9/3/2010	Methyl iodide	64	ug/Kg	U
SEE10031115JDF1	10/3/2010	Methyl iodide	63	ug/Kg	U
SEE10031115JDF1	10/3/2010	Methyl iodide	63	ug/Kg	U
SEE09231645JDF1	9/23/2010	Methyl iodide	63	ug/Kg	U
SEE09101625PML1	9/10/2010	Methyl iodide	63	ug/Kg	U
SEE09081205PML1	9/8/2010	Methyl iodide	63	ug/Kg	U
SEE08301145MHS1	8/30/2010	Methyl iodide	63	ug/Kg	U
SEE09231210JDF1	9/23/2010	Methyl iodide	62	ug/Kg	U
SEE09071050PML1	9/7/2010	Methyl iodide	62	ug/Kg	U
SEE10081231PML1	10/8/2010	Methyl iodide	61	ug/Kg	U
SEE09161045PML1	9/16/2010	Methyl iodide	61	ug/Kg	U
SEE09131445RCM1	9/13/2010	Methyl iodide	61	ug/Kg	U
SEE10161115ARM1	10/16/2010	Methyl iodide	60	ug/Kg	U
SEE10120930JDF1	10/12/2010	Methyl iodide	60	ug/Kg	U
SEE10071101PML1	10/7/2010	Methyl iodide	60	ug/Kg	U
SEE09121055PML1	9/12/2010	Methyl iodide	60	ug/Kg	U
SEE09121055PML1	9/12/2010	Methyl iodide	60	ug/Kg	U
SEE09091410RCM1	9/9/2010	Methyl iodide	60	ug/Kg	U
SEE09011050PML1	9/1/2010	Methyl iodide	60	ug/Kg	U
SEE09261625JDF1	9/26/2010	Methyl iodide	59	ug/Kg	U
SEE09261625JDF1	9/26/2010	Methyl iodide	59	ug/Kg	U
SEE09191040PML1	9/19/2010	Methyl iodide	59	ug/Kg	U
SEE09121436RCM1	9/12/2010	Methyl iodide	59	ug/Kg	U
SEE09040950PML1	9/4/2010	Methyl iodide	59	ug/Kg	U
SEE10061640PML1	10/6/2010	Methyl iodide	58	ug/Kg	U
SEE10061640PML1	10/6/2010	Methyl iodide	58	ug/Kg	U
SEE10051653PML1	10/5/2010	Methyl iodide	58	ug/Kg	U
SEE09231130ARM1	9/23/2010	Methyl iodide	58	ug/Kg	U
SEE09131026RCM1	9/13/2010	Methyl iodide	58	ug/Kg	U
SEE09131505PML1	9/13/2010	Methyl iodide	58	ug/Kg	U
SEE10081051RCM1	10/8/2010	Methyl iodide	57	ug/Kg	U
SEE09261215JDF1	9/26/2010	Methyl iodide	57	ug/Kg	U
SEE09011255PML1	9/1/2010	Methyl iodide	57	ug/Kg	U
SEE08301015JRP1	8/30/2010	Methyl iodide	57	ug/Kg	U
SEE09151145PML1	9/15/2010	Methyl iodide	56	ug/Kg	U
SEE09151145PML1	9/15/2010	Methyl iodide	56	ug/Kg	U
SEE09131620PML1	9/13/2010	Methyl iodide	56	ug/Kg	U
SEE09121450PML1	9/12/2010	Methyl iodide	56	ug/Kg	U
SEE09081020RCM1	9/8/2010	Methyl iodide	56	ug/Kg	U
SEE10011120JDF1	10/1/2010	Methyl iodide	55	ug/Kg	U
SEE09251135JDF1	9/25/2010	Methyl iodide	55	ug/Kg	U
SEE09211155JDF1	9/21/2010	Methyl iodide	55	ug/Kg	U
SEE09171415PML1	9/17/2010	Methyl iodide	55	ug/Kg	U
SEE09151015PML1	9/15/2010	Methyl iodide	55	ug/Kg	U
SEE09091515PML1	9/9/2010	Methyl iodide	55	ug/Kg	U
SEE09081010PML1	9/8/2010	Methyl iodide	55	ug/Kg	U
SEE10091614PML1	10/9/2010	Methyl iodide	54	ug/Kg	U
SEE10061205PML1	10/6/2010	Methyl iodide	54	ug/Kg	U
SEE10041150JDF1	10/4/2010	Methyl iodide	54	ug/Kg	U
SEE09221440JDF1	9/22/2010	Methyl iodide	54	ug/Kg	U
SEE09170839RCM1	9/17/2010	Methyl iodide	54	ug/Kg	U
SEE10121155JDF1	10/12/2010	Methyl iodide	52	ug/Kg	U
SEE09131125PML1	9/13/2010	Methyl iodide	52	ug/Kg	U
SEE09091010PML1	9/9/2010	Methyl iodide	52	ug/Kg	U
SEE09091145PML1	9/9/2010	Methyl iodide	52	ug/Kg	U

**TABLE B-2b**  
**Upstream Sediment Samples (Morrow Lake)**

Sample ID	Sample Date	Analyte	Result	Unit	Data Qualifier
SEE09091410PML1	9/9/2010	Methyl iodide	52	ug/Kg	U
SEE09061130MHS1	9/6/2010	Methyl iodide	52	ug/Kg	U
SEE08301638MHS1	8/30/2010	Methyl iodide	52	ug/Kg	U
SEE10141150JDF1	10/14/2010	Methyl iodide	51	ug/Kg	U
SEE10141550JDF1	10/14/2010	Methyl iodide	51	ug/Kg	U
SEE10141550JDF1	10/14/2010	Methyl iodide	51	ug/Kg	U
SEE10031425JDF1	10/3/2010	Methyl iodide	51	ug/Kg	U
SEE09271130JDF1	9/27/2010	Methyl iodide	51	ug/Kg	U
SEE09011145PML1	9/1/2010	Methyl iodide	51	ug/Kg	U
SEE10151055ARM1	10/15/2010	Methyl iodide	50	ug/Kg	U
SEE10121415ARM1	10/12/2010	Methyl iodide	50	ug/Kg	U
SEE10111125JDF1	10/11/2010	Methyl iodide	50	ug/Kg	U
SEE09291035JDF1	9/29/2010	Methyl iodide	50	ug/Kg	U
SEE09220935RCM1	9/22/2010	Methyl iodide	50	ug/Kg	U
SEE09111015PML1	9/11/2010	Methyl iodide	50	ug/Kg	U
SEE09051015PML1	9/5/2010	Methyl iodide	50	ug/Kg	U
SEE10161415JDF1	10/16/2010	Methyl iodide	49	ug/Kg	U
SEE09170945PML1	9/17/2010	Methyl iodide	49	ug/Kg	U
SEE09091605PML1	9/9/2010	Methyl iodide	49	ug/Kg	U
SEE09041350PML1	9/4/2010	Methyl iodide	49	ug/Kg	U
SEE08301445JRP1	8/30/2010	Methyl iodide	49	ug/Kg	U
SEE10040945JDF1	10/4/2010	Methyl iodide	48	ug/Kg	U
SEE09211530JDF1	9/21/2010	Methyl iodide	48	ug/Kg	U
SEE10071205PML1	10/7/2010	Methyl iodide	47	ug/Kg	U
SEE09230955RCM1	9/23/2010	Methyl iodide	47	ug/Kg	U
SEE09171125PML1	9/17/2010	Methyl iodide	47	ug/Kg	U
SEE09130955JRP1	9/13/2010	Methyl iodide	47	ug/Kg	U
SEE09051430PML1	9/5/2010	Methyl iodide	47	ug/Kg	U
SEE10071540PML1	10/7/2010	Methyl iodide	46	ug/Kg	U
SEE09171530PML1	9/17/2010	Methyl iodide	46	ug/Kg	U
SEE10041335JDF1	10/4/2010	Methyl iodide	45	ug/Kg	U
SEE09271025ARM1	9/27/2010	Methyl iodide	45	ug/Kg	U
SEE09130940PML1	9/13/2010	Methyl iodide	45	ug/Kg	U
SEE10150945JDF1	10/15/2010	Methyl iodide	44	ug/Kg	U
SEE10111350JDF1	10/11/2010	Methyl iodide	44	ug/Kg	U
SEE10061051RCM1	10/6/2010	Methyl iodide	44	ug/Kg	U
SEE09221105JDF1	9/22/2010	Methyl iodide	44	ug/Kg	U
SEE08281607TWH1	8/28/2010	Methyl iodide	44	ug/kg	U
SEE10111011JDF1	10/11/2010	Methyl iodide	43	ug/Kg	U
SEE10041355ARM1	10/4/2010	Methyl iodide	43	ug/Kg	U
SEE09290925JDF1	9/29/2010	Methyl iodide	43	ug/Kg	U
SEE09271515JDF1	9/27/2010	Methyl iodide	43	ug/Kg	U
SEE09091025JRP1	9/9/2010	Methyl iodide	43	ug/Kg	U
SEE08301520JRP1	8/30/2010	Methyl iodide	43	ug/Kg	U
SEE10121030JDF1	10/12/2010	Methyl iodide	42	ug/Kg	U
SEE08261445JRP1	8/26/2010	Methyl iodide	42	ug/Kg	U
SEE10161055JDF1	10/16/2010	Methyl iodide	41	ug/Kg	U
SEE09031140MHS1	9/3/2010	Methyl iodide	41	ug/Kg	U
SEE09011635PML1	9/1/2010	Methyl iodide	41	ug/Kg	U
SEE10151355ARM1	10/15/2010	Methyl iodide	40	ug/Kg	U
SEE10071415ARM1	10/7/2010	Methyl iodide	40	ug/Kg	U
SEE10041050JDF1	10/4/2010	Methyl iodide	39	ug/Kg	U
SEE09291645JDF1	9/29/2010	Methyl iodide	39	ug/Kg	U
SEE09051550MHS1	9/5/2010	Methyl iodide	39	ug/Kg	U
SEE10041138RCM1	10/4/2010	Methyl iodide	37	ug/Kg	U
SEE09301255MAE1	9/30/2010	Methyl iodide	37	ug/Kg	U
SEE09221615JDF1	9/22/2010	Methyl iodide	37	ug/Kg	U
SEE09191445RCM1	9/19/2010	Methyl iodide	37	ug/Kg	U
SEE09031645MHS1	9/3/2010	Methyl iodide	37	ug/Kg	U
SEE08281505PML1	8/28/2010	Methyl iodide	37	ug/kg	U

**TABLE B-2b**  
**Upstream Sediment Samples (Morrow Lake)**

Sample ID	Sample Date	Analyte	Result	Unit	Data Qualifier
SEE08311010JRP1	8/31/2010	Methyl iodide	35	ug/Kg	U
SEE08271215PML1	8/27/2010	Methyl iodide	35	ug/kg	U
SEE09200911RCM1	9/20/2010	Methyl iodide	34	ug/Kg	U
SEE09011545MHS1	9/1/2010	Methyl iodide	34	ug/Kg	U
SEE10170915JDF1	10/17/2010	Methyl iodide	33	ug/Kg	U
SEE09250905RCM1	9/25/2010	Methyl iodide	33	ug/Kg	U
SEE09090900JRP1	9/9/2010	Methyl iodide	33	ug/Kg	U
SEE08281630RCM1	8/28/2010	Methyl iodide	33	ug/kg	U
SEE09291135JDF1	9/29/2010	Methyl iodide	32	ug/Kg	U
SEE09260930RCM1	9/26/2010	Methyl iodide	31	ug/Kg	U
SEE09201110ARM1	9/20/2010	Methyl iodide	31	ug/Kg	U
SEE08301530JAW1	8/30/2010	Methyl iodide	30	ug/Kg	U
SEE09211112RCM1	9/21/2010	Methyl iodide	29	ug/Kg	U
SEE08311348MHS1	8/31/2010	Methyl iodide	29	ug/Kg	U
SEE08300920JRP1	8/30/2010	Methyl iodide	28	ug/Kg	U
SEE08261420RCM1	8/26/2010	Methyl iodide	28	ug/kg	U
SEE10071151RCM1	10/7/2010	Methyl iodide	27	ug/Kg	U
SEE08291110PML1	8/29/2010	Methyl iodide	27	ug/kg	U
SEE09130915JRP1	9/13/2010	Methyl iodide	24	ug/Kg	U
SEE10141025ARM1	10/14/2010	Methyl iodide	23	ug/Kg	U
SEE10091200ARM1	10/9/2010	Methyl iodide	23	ug/Kg	U
SEE09161035RCM1	9/16/2010	Methyl iodide	23	ug/Kg	U
SEE08271500PML1	8/27/2010	Methyl iodide	23	ug/kg	U
SEE09171445RCM1	9/17/2010	Methyl iodide	22	ug/Kg	U
SEE08281215PML1	8/28/2010	Methyl iodide	22	ug/kg	U
SEE09291023RCM1	9/29/2010	Methyl iodide	21	ug/Kg	U
SEE08281420TWH1	8/28/2010	Methyl iodide	21	ug/kg	U
SEE09141312RCM1	9/14/2010	Methyl iodide	20	ug/Kg	U
SEE08291421KAP1	8/29/2010	Methyl iodide	20	ug/kg	U
SEE08271145RCM1	8/27/2010	Methyl iodide	20	ug/kg	U
SEE10051415ARM1	10/5/2010	Methyl iodide	17	ug/Kg	U
SEE09061610JAW1	9/6/2010	Methyl iodide	17	ug/Kg	U
SEE08281510TWH1	8/28/2010	Methyl iodide	17	ug/kg	U
SEE10171535ARM1	10/17/2010	Methyl iodide	16	ug/Kg	U
SEE10011125ARM1	10/1/2010	Methyl iodide	16	ug/Kg	U
SEE09231035ARM1	9/23/2010	Methyl iodide	16	ug/Kg	U
SEE09171200ARM1	9/17/2010	Methyl iodide	16	ug/Kg	U
SEE09051500MHS1	9/5/2010	Methyl iodide	16	ug/Kg	U
SEE08261700JRP1	8/26/2010	Methyl iodide	16	ug/Kg	U
SEE10081035ARM1	10/8/2010	Methyl iodide	15	ug/Kg	U
SEE09211120ARM1	9/21/2010	Methyl iodide	15	ug/Kg	U
SEE09100945RCM1	9/10/2010	Methyl iodide	15	ug/Kg	U
SEE08291550KAP1	8/29/2010	Methyl iodide	15	ug/kg	U
SEB09011143JLS1	9/1/2010	Methyl iodide	14	ug/Kg	U
SEE08301410JRP1	8/30/2010	Methyl iodide	14	ug/Kg	U
SEE08261620RCM1	8/26/2010	Methyl iodide	14	ug/kg	U
SEE09281445RCM1	9/28/2010	Methyl iodide	13	ug/Kg	U
SEE10011043RCM1	10/1/2010	Methyl iodide	12	ug/Kg	U
SEF10011045TDF1	10/1/2010	Methyl iodide	12	ug/Kg	U
SEE09290915MAE1	9/29/2010	Methyl iodide	12	ug/Kg	U
SEE09271500ARM1	9/27/2010	Methyl iodide	12	ug/Kg	U
SEE09170935RCM1	9/17/2010	Methyl iodide	12	ug/Kg	U
SEE09150915JRP1	9/15/2010	Methyl iodide	12	ug/Kg	U
SEF10151030PMB3	10/15/2010	Methyl iodide	11	ug/Kg	U
SEE10131035ARM1	10/13/2010	Methyl iodide	11	ug/Kg	U
SEF10081108TDF3	10/8/2010	Methyl iodide	11	ug/Kg	U
SEE10071045ARM1	10/7/2010	Methyl iodide	11	ug/Kg	U
SEF10051206TDF3	10/5/2010	Methyl iodide	11	ug/Kg	U
SEE10041045ARM1	10/4/2010	Methyl iodide	11	ug/Kg	U
SEE09251235ARM1	9/25/2010	Methyl iodide	11	ug/Kg	U

**TABLE B-2b**  
**Upstream Sediment Samples (Morrow Lake)**

Sample ID	Sample Date	Analyte	Result	Unit	Data Qualifier
SEE09140945JRP1	9/14/2010	Methyl iodide	11	ug/Kg	U
SEE09080930JRP1	9/8/2010	Methyl iodide	11	ug/Kg	U
SEE09011515JAW1	9/1/2010	Methyl iodide	11	ug/Kg	U
SEE08301100JRP1	8/30/2010	Methyl iodide	11	ug/Kg	U
SEE10121040ARM1	10/12/2010	Methyl iodide	10	ug/Kg	U
SEF10121130PMB3	10/12/2010	Methyl iodide	10	ug/Kg	U
SEE09301025MAE1	9/30/2010	Methyl iodide	10	ug/Kg	U
SEE09221045ARM1	9/22/2010	Methyl iodide	10	ug/Kg	U
SEE09100920JRP1	9/10/2010	Methyl iodide	10	ug/Kg	U
SEE09051500JAW1	9/5/2010	Methyl iodide	10	ug/Kg	U
SEE08291445PML1	8/29/2010	Methyl iodide	10	ug/kg	U
SEE09070930JRP1	9/7/2010	Methyl iodide	9.8	ug/Kg	U
SEE10051145RCM1	10/5/2010	Methyl iodide	9.7	ug/Kg	U
SEE10061135ARM1	10/6/2010	Methyl iodide	9.6	ug/Kg	U
SEE08291354KAP1	8/29/2010	Methyl iodide	9.3	ug/kg	U
SEE10181030JWP1	10/18/2010	Methyl iodide	9.2	ug/Kg	U
SEF09281139TDF1	9/28/2010	Methyl iodide	8.6	ug/Kg	U
SEE08271614TWH1	8/27/2010	Methyl iodide	7.8	ug/kg	U
SEE08271652TWH1	8/27/2010	Methyl iodide	7.6	ug/kg	U
SEE09231205RCM1	9/23/2010	Methyl iodide	6.5	ug/Kg	U
SEE08271536TWH1	8/27/2010	Methyl iodide	6.3	ug/kg	U
SEE08281540JRP1	8/28/2010	Methyl iodide	5.4	ug/kg	U
SEB08281400JLS1	8/28/2010	Methyl iodide	5.1	ug/kg	U
SEE08271445JRP1	8/27/2010	Methyl iodide	2.8	ug/kg	U
SEE10211035JDF1	10/21/2010	Methyl tert-butyl ether	930	ug/Kg	U
SEE10191515JDF1	10/19/2010	Methyl tert-butyl ether	850	ug/Kg	U
SEE10191005JDF1	10/19/2010	Methyl tert-butyl ether	820	ug/Kg	U
SEE10211430JDF1	10/21/2010	Methyl tert-butyl ether	810	ug/Kg	U
SEE10221110JDF1	10/22/2010	Methyl tert-butyl ether	790	ug/Kg	U
SEE10221110JDF1	10/22/2010	Methyl tert-butyl ether	790	ug/Kg	U
SEE10191415JDF1	10/19/2010	Methyl tert-butyl ether	760	ug/Kg	U
SEE10191155JDF1	10/19/2010	Methyl tert-butyl ether	730	ug/Kg	U
SEE10211010JWP1	10/21/2010	Methyl tert-butyl ether	710	ug/Kg	U
SEE10191100JDF1	10/19/2010	Methyl tert-butyl ether	710	ug/Kg	U
SEE10221055DWS1	10/22/2010	Methyl tert-butyl ether	680	ug/Kg	U
SEE10191010JWP1	10/19/2010	Methyl tert-butyl ether	680	ug/Kg	U
SEE10221450DWS1	10/22/2010	Methyl tert-butyl ether	370	ug/Kg	U
SEE10211345JWP1	10/21/2010	Methyl tert-butyl ether	330	ug/Kg	U
SEE10141015JDF1	10/14/2010	Methyl tert-butyl ether	280	ug/Kg	U
SEF10221050MAE3	10/22/2010	Methyl tert-butyl ether	230	ug/Kg	U
SEF10191135NAC3	10/19/2010	Methyl tert-butyl ether	220	ug/Kg	U
SEE10191115JWP1	10/19/2010	Methyl tert-butyl ether	200	ug/Kg	U
SEE08281607TWH1	8/28/2010	Methyl tert-butyl ether	170	ug/kg	U
SEE08281505PML1	8/28/2010	Methyl tert-butyl ether	150	ug/kg	U
SEE08271215PML1	8/27/2010	Methyl tert-butyl ether	140	ug/kg	U
SEE08281630RCM1	8/28/2010	Methyl tert-butyl ether	130	ug/kg	U
SEE08291110PML1	8/29/2010	Methyl tert-butyl ether	110	ug/kg	U
SEE08261420RCM1	8/26/2010	Methyl tert-butyl ether	110	ug/kg	U
SEE08271500PML1	8/27/2010	Methyl tert-butyl ether	91	ug/kg	U
SEE08281215PML1	8/28/2010	Methyl tert-butyl ether	87	ug/kg	U
SEE08281420TWH1	8/28/2010	Methyl tert-butyl ether	85	ug/kg	U
SEE08291421KAP1	8/29/2010	Methyl tert-butyl ether	81	ug/kg	U
SEE08271145RCM1	8/27/2010	Methyl tert-butyl ether	80	ug/kg	U
SEE08281510TWH1	8/28/2010	Methyl tert-butyl ether	68	ug/kg	U
SEE08291550KAP1	8/29/2010	Methyl tert-butyl ether	61	ug/kg	U
SEE09200945PML1	9/20/2010	Methyl tert-butyl ether	60	ug/Kg	U
SEE09200945PML1	9/20/2010	Methyl tert-butyl ether	60	ug/Kg	U
SEE09201115RCM1	9/20/2010	Methyl tert-butyl ether	58	ug/Kg	U
SEE08261620RCM1	8/26/2010	Methyl tert-butyl ether	56	ug/kg	U
SEE09201645ARM1	9/20/2010	Methyl tert-butyl ether	48	ug/Kg	U

**TABLE B-2b**  
**Upstream Sediment Samples (Morrow Lake)**

Sample ID	Sample Date	Analyte	Result	Unit	Data Qualifier
SEE10071042RCM1	10/7/2010	Methyl tert-butyl ether	45	ug/Kg	U
SEE09061500PML1	9/6/2010	Methyl tert-butyl ether	45	ug/Kg	U
SEE09301105JDF1	9/30/2010	Methyl tert-butyl ether	42	ug/Kg	U
SEE09181705PML1	9/18/2010	Methyl tert-butyl ether	42	ug/Kg	U
SEE08291445PML1	8/29/2010	Methyl tert-butyl ether	42	ug/kg	U
SEE09021400PML1	9/2/2010	Methyl tert-butyl ether	41	ug/Kg	U
SEE08301130PML1	8/30/2010	Methyl tert-butyl ether	41	ug/Kg	U
SEE10091401PML1	10/9/2010	Methyl tert-butyl ether	40	ug/Kg	U
SEE10181035JDF1	10/18/2010	Methyl tert-butyl ether	39	ug/Kg	U
SEE10051125PML1	10/5/2010	Methyl tert-butyl ether	39	ug/Kg	U
SEE08311045PML1	8/31/2010	Methyl tert-butyl ether	39	ug/Kg	U
SEE10141555ARM1	10/14/2010	Methyl tert-butyl ether	38	ug/Kg	U
SEE09101215PML1	9/10/2010	Methyl tert-butyl ether	38	ug/Kg	U
SEE10161530JDF1	10/16/2010	Methyl tert-butyl ether	37	ug/Kg	U
SEE10081115PML1	10/8/2010	Methyl tert-butyl ether	37	ug/Kg	U
SEE09030925PML1	9/3/2010	Methyl tert-butyl ether	37	ug/Kg	U
SEE09031115JAW1	9/3/2010	Methyl tert-butyl ether	37	ug/Kg	U
SEE08291354KAP1	8/29/2010	Methyl tert-butyl ether	37	ug/kg	U
SEE10171410JDF1	10/17/2010	Methyl tert-butyl ether	36	ug/Kg	U
SEE09191530PML1	9/19/2010	Methyl tert-butyl ether	36	ug/Kg	U
SEE09181235PML1	9/18/2010	Methyl tert-butyl ether	36	ug/Kg	U
SEE09141135PML1	9/14/2010	Methyl tert-butyl ether	36	ug/Kg	U
SEE09101022PML1	9/10/2010	Methyl tert-butyl ether	36	ug/Kg	U
SEE10171115JDF1	10/17/2010	Methyl tert-butyl ether	35	ug/Kg	U
SEE08311420PML1	8/31/2010	Methyl tert-butyl ether	35	ug/Kg	U
SEE08311420PML1	8/31/2010	Methyl tert-butyl ether	35	ug/Kg	U
SEE10041530JDF1	10/4/2010	Methyl tert-butyl ether	34	ug/Kg	U
SEE09121105RCM1	9/12/2010	Methyl tert-butyl ether	34	ug/Kg	U
SEE09011545PML1	9/1/2010	Methyl tert-butyl ether	34	ug/Kg	U
SEE08301550PML1	8/30/2010	Methyl tert-butyl ether	34	ug/Kg	U
SEE10181210JDF1	10/18/2010	Methyl tert-butyl ether	33	ug/Kg	U
SEE10181430JWP1	10/18/2010	Methyl tert-butyl ether	33	ug/Kg	U
SEE10181510JDF1	10/18/2010	Methyl tert-butyl ether	33	ug/Kg	U
SEE10181510JDF1	10/18/2010	Methyl tert-butyl ether	33	ug/Kg	U
SEE10131150JDF1	10/13/2010	Methyl tert-butyl ether	33	ug/Kg	U
SEE10101010PML1	10/10/2010	Methyl tert-butyl ether	33	ug/Kg	U
SEE10101215PML1	10/10/2010	Methyl tert-butyl ether	33	ug/Kg	U
SEE10101215PML1	10/10/2010	Methyl tert-butyl ether	33	ug/Kg	U
SEE09140945PML1	9/14/2010	Methyl tert-butyl ether	33	ug/Kg	U
SEE09061525MHS1	9/6/2010	Methyl tert-butyl ether	33	ug/Kg	U
SEE09051130PML1	9/5/2010	Methyl tert-butyl ether	33	ug/Kg	U
SEE09031100PML1	9/3/2010	Methyl tert-butyl ether	33	ug/Kg	U
SEE09021010PML1	9/2/2010	Methyl tert-butyl ether	33	ug/Kg	U
SEE10031115JDF1	10/3/2010	Methyl tert-butyl ether	32	ug/Kg	U
SEE10031115JDF1	10/3/2010	Methyl tert-butyl ether	32	ug/Kg	U
SEE09301205RCM1	9/30/2010	Methyl tert-butyl ether	32	ug/Kg	U
SEE09301255JDF1	9/30/2010	Methyl tert-butyl ether	32	ug/Kg	U
SEE09231645JDF1	9/23/2010	Methyl tert-butyl ether	32	ug/Kg	U
SEE09141515PML1	9/14/2010	Methyl tert-butyl ether	32	ug/Kg	U
SEE09101625PML1	9/10/2010	Methyl tert-butyl ether	32	ug/Kg	U
SEE09091005RCM1	9/9/2010	Methyl tert-butyl ether	32	ug/Kg	U
SEE09061105PML1	9/6/2010	Methyl tert-butyl ether	32	ug/Kg	U
SEE09031650PML1	9/3/2010	Methyl tert-butyl ether	32	ug/Kg	U
SEE09031650PML1	9/3/2010	Methyl tert-butyl ether	32	ug/Kg	U
SEE10081231PML1	10/8/2010	Methyl tert-butyl ether	31	ug/Kg	U
SEE09231210JDF1	9/23/2010	Methyl tert-butyl ether	31	ug/Kg	U
SEE09161045PML1	9/16/2010	Methyl tert-butyl ether	31	ug/Kg	U
SEE09081205PML1	9/8/2010	Methyl tert-butyl ether	31	ug/Kg	U
SEE09071050PML1	9/7/2010	Methyl tert-butyl ether	31	ug/Kg	U
SEE08301145MHS1	8/30/2010	Methyl tert-butyl ether	31	ug/Kg	U

**TABLE B-2b**  
**Upstream Sediment Samples (Morrow Lake)**

Sample ID	Sample Date	Analyte	Result	Unit	Data Qualifier
SEE08271614TWH1	8/27/2010	Methyl tert-butyl ether	31	ug/kg	U
SEE08271652TWH1	8/27/2010	Methyl tert-butyl ether	31	ug/kg	U
SEE10161115ARM1	10/16/2010	Methyl tert-butyl ether	30	ug/Kg	U
SEE10120930JDF1	10/12/2010	Methyl tert-butyl ether	30	ug/Kg	U
SEE10071101PML1	10/7/2010	Methyl tert-butyl ether	30	ug/Kg	U
SEE09261625JDF1	9/26/2010	Methyl tert-butyl ether	30	ug/Kg	U
SEE09261625JDF1	9/26/2010	Methyl tert-butyl ether	30	ug/Kg	U
SEE09131445RCM1	9/13/2010	Methyl tert-butyl ether	30	ug/Kg	U
SEE09121055PML1	9/12/2010	Methyl tert-butyl ether	30	ug/Kg	U
SEE09121055PML1	9/12/2010	Methyl tert-butyl ether	30	ug/Kg	U
SEE09121436RCM1	9/12/2010	Methyl tert-butyl ether	30	ug/Kg	U
SEE09091410RCM1	9/9/2010	Methyl tert-butyl ether	30	ug/Kg	U
SEE09011050PML1	9/1/2010	Methyl tert-butyl ether	30	ug/Kg	U
SEE10081051RCM1	10/8/2010	Methyl tert-butyl ether	29	ug/Kg	U
SEE10061640PML1	10/6/2010	Methyl tert-butyl ether	29	ug/Kg	U
SEE10061640PML1	10/6/2010	Methyl tert-butyl ether	29	ug/Kg	U
SEE10051653PML1	10/5/2010	Methyl tert-butyl ether	29	ug/Kg	U
SEE09261215JDF1	9/26/2010	Methyl tert-butyl ether	29	ug/Kg	U
SEE09231130ARM1	9/23/2010	Methyl tert-butyl ether	29	ug/Kg	U
SEE09191040PML1	9/19/2010	Methyl tert-butyl ether	29	ug/Kg	U
SEE09131026RCM1	9/13/2010	Methyl tert-butyl ether	29	ug/Kg	U
SEE09131505PML1	9/13/2010	Methyl tert-butyl ether	29	ug/Kg	U
SEE09040950PML1	9/4/2010	Methyl tert-butyl ether	29	ug/Kg	U
SEE10011120JDF1	10/1/2010	Methyl tert-butyl ether	28	ug/Kg	U
SEE09211155JDF1	9/21/2010	Methyl tert-butyl ether	28	ug/Kg	U
SEE09171415PML1	9/17/2010	Methyl tert-butyl ether	28	ug/Kg	U
SEE09151145PML1	9/15/2010	Methyl tert-butyl ether	28	ug/Kg	U
SEE09151145PML1	9/15/2010	Methyl tert-butyl ether	28	ug/Kg	U
SEE09131620PML1	9/13/2010	Methyl tert-butyl ether	28	ug/Kg	U
SEE09121450PML1	9/12/2010	Methyl tert-butyl ether	28	ug/Kg	U
SEE09091515PML1	9/9/2010	Methyl tert-butyl ether	28	ug/Kg	U
SEE09081010PML1	9/8/2010	Methyl tert-butyl ether	28	ug/Kg	U
SEE09081020RCM1	9/8/2010	Methyl tert-butyl ether	28	ug/Kg	U
SEE09011255PML1	9/1/2010	Methyl tert-butyl ether	28	ug/Kg	U
SEE08301015JRP1	8/30/2010	Methyl tert-butyl ether	28	ug/Kg	U
SEE10091614PML1	10/9/2010	Methyl tert-butyl ether	27	ug/Kg	U
SEE10061205PML1	10/6/2010	Methyl tert-butyl ether	27	ug/Kg	U
SEE10041150JDF1	10/4/2010	Methyl tert-butyl ether	27	ug/Kg	U
SEE09251135JDF1	9/25/2010	Methyl tert-butyl ether	27	ug/Kg	U
SEE09221440JDF1	9/22/2010	Methyl tert-butyl ether	27	ug/Kg	U
SEE09170839RCM1	9/17/2010	Methyl tert-butyl ether	27	ug/Kg	U
SEE09151015PML1	9/15/2010	Methyl tert-butyl ether	27	ug/Kg	U
SEE10141150JDF1	10/14/2010	Methyl tert-butyl ether	26	ug/Kg	U
SEE10141550JDF1	10/14/2010	Methyl tert-butyl ether	26	ug/Kg	U
SEE10141550JDF1	10/14/2010	Methyl tert-butyl ether	26	ug/Kg	U
SEE10121155JDF1	10/12/2010	Methyl tert-butyl ether	26	ug/Kg	U
SEE09271130JDF1	9/27/2010	Methyl tert-butyl ether	26	ug/Kg	U
SEE09131125PML1	9/13/2010	Methyl tert-butyl ether	26	ug/Kg	U
SEE09091010PML1	9/9/2010	Methyl tert-butyl ether	26	ug/Kg	U
SEE09091145PML1	9/9/2010	Methyl tert-butyl ether	26	ug/Kg	U
SEE09091410PML1	9/9/2010	Methyl tert-butyl ether	26	ug/Kg	U
SEE09061130MHS1	9/6/2010	Methyl tert-butyl ether	26	ug/Kg	U
SEE09011145PML1	9/1/2010	Methyl tert-butyl ether	26	ug/Kg	U
SEE08301638MHS1	8/30/2010	Methyl tert-butyl ether	26	ug/Kg	U
SEE10151055ARM1	10/15/2010	Methyl tert-butyl ether	25	ug/Kg	UJ
SEE10121415ARM1	10/12/2010	Methyl tert-butyl ether	25	ug/Kg	U
SEE10111125JDF1	10/11/2010	Methyl tert-butyl ether	25	ug/Kg	U
SEE10031425JDF1	10/3/2010	Methyl tert-butyl ether	25	ug/Kg	U
SEE09291035JDF1	9/29/2010	Methyl tert-butyl ether	25	ug/Kg	U
SEE09220935RCM1	9/22/2010	Methyl tert-butyl ether	25	ug/Kg	U

**TABLE B-2b**  
**Upstream Sediment Samples (Morrow Lake)**

Sample ID	Sample Date	Analyte	Result	Unit	Data Qualifier
SEE09111015PML1	9/11/2010	Methyl tert-butyl ether	25	ug/Kg	U
SEE09051015PML1	9/5/2010	Methyl tert-butyl ether	25	ug/Kg	U
SEE08301445JRP1	8/30/2010	Methyl tert-butyl ether	25	ug/Kg	U
SEE08271536TWH1	8/27/2010	Methyl tert-butyl ether	25	ug/kg	U
SEE10161415JDF1	10/16/2010	Methyl tert-butyl ether	24	ug/Kg	U
SEE10040945JDF1	10/4/2010	Methyl tert-butyl ether	24	ug/Kg	U
SEE09230955RCM1	9/23/2010	Methyl tert-butyl ether	24	ug/Kg	U
SEE09211530JDF1	9/21/2010	Methyl tert-butyl ether	24	ug/Kg	U
SEE09170945PML1	9/17/2010	Methyl tert-butyl ether	24	ug/Kg	U
SEE09171125PML1	9/17/2010	Methyl tert-butyl ether	24	ug/Kg	U
SEE09130955JRP1	9/13/2010	Methyl tert-butyl ether	24	ug/Kg	U
SEE09091605PML1	9/9/2010	Methyl tert-butyl ether	24	ug/Kg	U
SEE09041350PML1	9/4/2010	Methyl tert-butyl ether	24	ug/Kg	U
SEE10071205PML1	10/7/2010	Methyl tert-butyl ether	23	ug/Kg	U
SEE10071540PML1	10/7/2010	Methyl tert-butyl ether	23	ug/Kg	U
SEE10041335JDF1	10/4/2010	Methyl tert-butyl ether	23	ug/Kg	U
SEE09271025ARM1	9/27/2010	Methyl tert-butyl ether	23	ug/Kg	U
SEE09171530PML1	9/17/2010	Methyl tert-butyl ether	23	ug/Kg	U
SEE09051430PML1	9/5/2010	Methyl tert-butyl ether	23	ug/Kg	U
SEE10150945JDF1	10/15/2010	Methyl tert-butyl ether	22	ug/Kg	UJ
SEE10111011JDF1	10/11/2010	Methyl tert-butyl ether	22	ug/Kg	U
SEE10111350JDF1	10/11/2010	Methyl tert-butyl ether	22	ug/Kg	U
SEE10061051RCM1	10/6/2010	Methyl tert-butyl ether	22	ug/Kg	U
SEE10041355ARM1	10/4/2010	Methyl tert-butyl ether	22	ug/Kg	U
SEE09271515JDF1	9/27/2010	Methyl tert-butyl ether	22	ug/Kg	U
SEE09221105JDF1	9/22/2010	Methyl tert-butyl ether	22	ug/Kg	U
SEE09130940PML1	9/13/2010	Methyl tert-butyl ether	22	ug/Kg	U
SEE08281540JRP1	8/28/2010	Methyl tert-butyl ether	22	ug/kg	U
SEE10121030JDF1	10/12/2010	Methyl tert-butyl ether	21	ug/Kg	U
SEE09290925JDF1	9/29/2010	Methyl tert-butyl ether	21	ug/Kg	U
SEE09091025JRP1	9/9/2010	Methyl tert-butyl ether	21	ug/Kg	U
SEE09011635PML1	9/1/2010	Methyl tert-butyl ether	21	ug/Kg	U
SEE08301520JRP1	8/30/2010	Methyl tert-butyl ether	21	ug/Kg	U
SEE08261445JRP1	8/26/2010	Methyl tert-butyl ether	21	ug/Kg	U
SEE10161055JDF1	10/16/2010	Methyl tert-butyl ether	20	ug/Kg	U
SEE10151355ARM1	10/15/2010	Methyl tert-butyl ether	20	ug/Kg	UJ
SEE10071415ARM1	10/7/2010	Methyl tert-butyl ether	20	ug/Kg	U
SEE09031140MHS1	9/3/2010	Methyl tert-butyl ether	20	ug/Kg	U
SEB08281400JLS1	8/28/2010	Methyl tert-butyl ether	20	ug/kg	U
SEE10041050JDF1	10/4/2010	Methyl tert-butyl ether	19	ug/Kg	U
SEE09301255MAE1	9/30/2010	Methyl tert-butyl ether	19	ug/Kg	U
SEE09291645JDF1	9/29/2010	Methyl tert-butyl ether	19	ug/Kg	U
SEE09051550MHS1	9/5/2010	Methyl tert-butyl ether	19	ug/Kg	U
SEE09031645MHS1	9/3/2010	Methyl tert-butyl ether	19	ug/Kg	U
SEE10041138RCM1	10/4/2010	Methyl tert-butyl ether	18	ug/Kg	U
SEE09221615JDF1	9/22/2010	Methyl tert-butyl ether	18	ug/Kg	U
SEE09191445RCM1	9/19/2010	Methyl tert-butyl ether	18	ug/Kg	U
SEE08311010JRP1	8/31/2010	Methyl tert-butyl ether	18	ug/Kg	U
SEE09250905RCM1	9/25/2010	Methyl tert-butyl ether	17	ug/Kg	U
SEE09200911RCM1	9/20/2010	Methyl tert-butyl ether	17	ug/Kg	U
SEE09090900JRP1	9/9/2010	Methyl tert-butyl ether	17	ug/Kg	U
SEE09011545MHS1	9/1/2010	Methyl tert-butyl ether	17	ug/Kg	U
SEE10170915JDF1	10/17/2010	Methyl tert-butyl ether	16	ug/Kg	U
SEE09291135JDF1	9/29/2010	Methyl tert-butyl ether	16	ug/Kg	U
SEE09260930RCM1	9/26/2010	Methyl tert-butyl ether	16	ug/Kg	U
SEE09201110ARM1	9/20/2010	Methyl tert-butyl ether	15	ug/Kg	U
SEE08301530JAW1	8/30/2010	Methyl tert-butyl ether	15	ug/Kg	U
SEE10071151RCM1	10/7/2010	Methyl tert-butyl ether	14	ug/Kg	U
SEE09211112RCM1	9/21/2010	Methyl tert-butyl ether	14	ug/Kg	U
SEE08311348MHS1	8/31/2010	Methyl tert-butyl ether	14	ug/Kg	U



**TABLE B-2b**  
**Upstream Sediment Samples (Morrow Lake)**

Sample ID	Sample Date	Analyte	Result	Unit	Data Qualifier
SEE08300920JRP1	8/30/2010	Methyl tert-butyl ether	14	ug/Kg	U
SEE10141025ARM1	10/14/2010	Methyl tert-butyl ether	12	ug/Kg	U
SEE09130915JRP1	9/13/2010	Methyl tert-butyl ether	12	ug/Kg	U
SEE10091200ARM1	10/9/2010	Methyl tert-butyl ether	11	ug/Kg	U
SEE09291023RCM1	9/29/2010	Methyl tert-butyl ether	11	ug/Kg	U
SEE09171445RCM1	9/17/2010	Methyl tert-butyl ether	11	ug/Kg	U
SEE09161035RCM1	9/16/2010	Methyl tert-butyl ether	11	ug/Kg	U
SEE08271445JRP1	8/27/2010	Methyl tert-butyl ether	11	ug/kg	U
SEE09141312RCM1	9/14/2010	Methyl tert-butyl ether	10	ug/Kg	U
SEE10051415ARM1	10/5/2010	Methyl tert-butyl ether	8.7	ug/Kg	U
SEE09061610JAW1	9/6/2010	Methyl tert-butyl ether	8.5	ug/Kg	U
SEE10011125ARM1	10/1/2010	Methyl tert-butyl ether	8.2	ug/Kg	U
SEE08261700JRP1	8/26/2010	Methyl tert-butyl ether	8.2	ug/Kg	U
SEE09051500MHS1	9/5/2010	Methyl tert-butyl ether	8.0	ug/Kg	U
SEE10171535ARM1	10/17/2010	Methyl tert-butyl ether	7.9	ug/Kg	U
SEE09231035ARM1	9/23/2010	Methyl tert-butyl ether	7.9	ug/Kg	U
SEE09171200ARM1	9/17/2010	Methyl tert-butyl ether	7.9	ug/Kg	U
SEE10081035ARM1	10/8/2010	Methyl tert-butyl ether	7.6	ug/Kg	U
SEE09100945RCM1	9/10/2010	Methyl tert-butyl ether	7.5	ug/Kg	U
SEE09211120ARM1	9/21/2010	Methyl tert-butyl ether	7.4	ug/Kg	U
SEB09011143JLS1	9/1/2010	Methyl tert-butyl ether	7.1	ug/Kg	U
SEE08301410JRP1	8/30/2010	Methyl tert-butyl ether	7.0	ug/Kg	U
SEE09281445RCM1	9/28/2010	Methyl tert-butyl ether	6.5	ug/Kg	U
SEE09271500ARM1	9/27/2010	Methyl tert-butyl ether	6.2	ug/Kg	U
SEE09170935RCM1	9/17/2010	Methyl tert-butyl ether	6.1	ug/Kg	U
SEF10011045TDF1	10/1/2010	Methyl tert-butyl ether	6.0	ug/Kg	U
SEE09150915JRP1	9/15/2010	Methyl tert-butyl ether	6.0	ug/Kg	U
SEE10011043RCM1	10/1/2010	Methyl tert-butyl ether	5.8	ug/Kg	U
SEE09290915MAE1	9/29/2010	Methyl tert-butyl ether	5.8	ug/Kg	U
SEE10131035ARM1	10/13/2010	Methyl tert-butyl ether	5.5	ug/Kg	U
SEE10071045ARM1	10/7/2010	Methyl tert-butyl ether	5.5	ug/Kg	U
SEE10041045ARM1	10/4/2010	Methyl tert-butyl ether	5.5	ug/Kg	U
SEF10151030PMB3	10/15/2010	Methyl tert-butyl ether	5.4	ug/Kg	U
SEF10081108TDF3	10/8/2010	Methyl tert-butyl ether	5.4	ug/Kg	U
SEE09251235ARM1	9/25/2010	Methyl tert-butyl ether	5.4	ug/Kg	U
SEF10051206TDF3	10/5/2010	Methyl tert-butyl ether	5.3	ug/Kg	U
SEE09140945JRP1	9/14/2010	Methyl tert-butyl ether	5.3	ug/Kg	U
SEE09080930JRP1	9/8/2010	Methyl tert-butyl ether	5.3	ug/Kg	U
SEE09011515JAW1	9/1/2010	Methyl tert-butyl ether	5.3	ug/Kg	U
SEE08301100JRP1	8/30/2010	Methyl tert-butyl ether	5.3	ug/Kg	U
SEE10121040ARM1	10/12/2010	Methyl tert-butyl ether	5.2	ug/Kg	U
SEF10121130PMB3	10/12/2010	Methyl tert-butyl ether	5.2	ug/Kg	U
SEE09221045ARM1	9/22/2010	Methyl tert-butyl ether	5.2	ug/Kg	U
SEE09100920JRP1	9/10/2010	Methyl tert-butyl ether	5.1	ug/Kg	U
SEE09301025MAE1	9/30/2010	Methyl tert-butyl ether	5.0	ug/Kg	U
SEE09051500JAW1	9/5/2010	Methyl tert-butyl ether	5.0	ug/Kg	U
SEE10051145RCM1	10/5/2010	Methyl tert-butyl ether	4.9	ug/Kg	U
SEE09070930JRP1	9/7/2010	Methyl tert-butyl ether	4.9	ug/Kg	U
SEE10061135ARM1	10/6/2010	Methyl tert-butyl ether	4.8	ug/Kg	U
SEE10181030JWP1	10/18/2010	Methyl tert-butyl ether	4.6	ug/Kg	U
SEF09281139TDF1	9/28/2010	Methyl tert-butyl ether	4.3	ug/Kg	U
SEE09231205RCM1	9/23/2010	Methyl tert-butyl ether	3.3	ug/Kg	U
ML-07-S-082510	8/25/2010	Methyl tert-butyl ether	0.73	mg/Kg	U
ML-03-S-082510	8/25/2010	Methyl tert-butyl ether	0.43	mg/Kg	U
ML-06-S-082510	8/25/2010	Methyl tert-butyl ether	0.42	mg/Kg	U
ML-07-S-082410	8/24/2010	Methyl tert-butyl ether	0.41	mg/Kg	UJ
ML-06-S-082010	8/20/2010	Methyl tert-butyl ether	0.38	mg/Kg	U
ML-08-S-082510	8/25/2010	Methyl tert-butyl ether	0.37	mg/Kg	U
ML-08-S-082410	8/24/2010	Methyl tert-butyl ether	0.37	mg/Kg	UJ
ML-06-S-082310	8/23/2010	Methyl tert-butyl ether	0.37	mg/Kg	U

**TABLE B-2b**  
**Upstream Sediment Samples (Morrow Lake)**

Sample ID	Sample Date	Analyte	Result	Unit	Data Qualifier
ML-07-S-082110	8/21/2010	Methyl tert-butyl ether	0.37	mg/Kg	U
ML-08-S-082110	8/21/2010	Methyl tert-butyl ether	0.37	mg/Kg	U
ML-10-S-082110	8/21/2010	Methyl tert-butyl ether	0.37	mg/Kg	U
ML-10-S-082110	8/21/2010	Methyl tert-butyl ether	0.37	mg/Kg	U
ML-10-S-081910	8/19/2010	Methyl tert-butyl ether	0.37	mg/Kg	U
ML-10-S-081910	8/19/2010	Methyl tert-butyl ether	0.37	mg/Kg	U
ML-07-S-081810	8/18/2010	Methyl tert-butyl ether	0.37	mg/Kg	UJ
ML-09-S-081810	8/18/2010	Methyl tert-butyl ether	0.37	mg/Kg	UJ
ML-10-S-082410	8/24/2010	Methyl tert-butyl ether	0.36	mg/Kg	UJ
ML-10-S-082410	8/24/2010	Methyl tert-butyl ether	0.36	mg/Kg	UJ
ML-01-S-081610	8/16/2010	Methyl tert-butyl ether	0.35	mg/Kg	U
ML-10-S-081610	8/16/2010	Methyl tert-butyl ether	0.35	mg/Kg	U
ML-10-S-081610	8/16/2010	Methyl tert-butyl ether	0.35	mg/Kg	U
ML-04-S-082410	8/24/2010	Methyl tert-butyl ether	0.34	mg/Kg	UJ
ML-03-S-082310	8/23/2010	Methyl tert-butyl ether	0.34	mg/Kg	U
ML-10-S-082110-D	8/21/2010	Methyl tert-butyl ether	0.34	mg/Kg	U
ML-10-S-082110-D	8/21/2010	Methyl tert-butyl ether	0.34	mg/Kg	U
ML-07-S-081610	8/16/2010	Methyl tert-butyl ether	0.34	mg/Kg	U
ML-08-S-081610-D	8/16/2010	Methyl tert-butyl ether	0.34	mg/Kg	U
ML-04-S-082610	8/26/2010	Methyl tert-butyl ether	0.33	mg/Kg	U
ML-05-S-082310	8/23/2010	Methyl tert-butyl ether	0.33	mg/Kg	U
ML-05-S-082010	8/20/2010	Methyl tert-butyl ether	0.33	mg/Kg	U
ML-10-S-082610	8/26/2010	Methyl tert-butyl ether	0.32	mg/Kg	U
ML-10-S-082610	8/26/2010	Methyl tert-butyl ether	0.32	mg/Kg	U
ML-06-S-081710	8/17/2010	Methyl tert-butyl ether	0.32	mg/Kg	U
ML-08-S-081610	8/16/2010	Methyl tert-butyl ether	0.32	mg/Kg	U
ML-01-S-082510	8/25/2010	Methyl tert-butyl ether	0.31	mg/Kg	U
ML-09-S-082510	8/25/2010	Methyl tert-butyl ether	0.31	mg/Kg	U
ML-09-S-082410	8/24/2010	Methyl tert-butyl ether	0.31	mg/Kg	UJ
ML-02-S-081710	8/17/2010	Methyl tert-butyl ether	0.31	mg/Kg	U
ML-02-S-082510	8/25/2010	Methyl tert-butyl ether	0.28	mg/Kg	U
ML-09-S-082110	8/21/2010	Methyl tert-butyl ether	0.28	mg/Kg	U
ML-01-S-082110	8/21/2010	Methyl tert-butyl ether	0.27	mg/Kg	U
ML-04-S-081710	8/17/2010	Methyl tert-butyl ether	0.27	mg/Kg	U
ML-05-S-081710	8/17/2010	Methyl tert-butyl ether	0.27	mg/Kg	U
ML-02-S-082310	8/23/2010	Methyl tert-butyl ether	0.25	mg/Kg	U
ML-04-S-082010	8/20/2010	Methyl tert-butyl ether	0.25	mg/Kg	U
ML-01-S-081910	8/19/2010	Methyl tert-butyl ether	0.25	mg/Kg	U
ML-02-S-082010	8/20/2010	Methyl tert-butyl ether	0.22	mg/Kg	U
ML-03-S-081610	8/16/2010	Methyl tert-butyl ether	0.22	mg/Kg	U
ML-03-S-082010	8/20/2010	Methyl tert-butyl ether	0.19	mg/Kg	U
ML-05-S-082610	8/26/2010	Methyl tert-butyl ether	0.17	mg/Kg	U
SEE10211035JDF1	10/21/2010	Methylene Chloride	1200	ug/Kg	U
SEE10221110JDF1	10/22/2010	Methylene Chloride	1100	ug/Kg	U
SEE10221110JDF1	10/22/2010	Methylene Chloride	1100	ug/Kg	U
SEE10211430JDF1	10/21/2010	Methylene Chloride	1100	ug/Kg	U
SEE10191005JDF1	10/19/2010	Methylene Chloride	1100	ug/Kg	U
SEE10191515JDF1	10/19/2010	Methylene Chloride	1100	ug/Kg	U
SEE10191415JDF1	10/19/2010	Methylene Chloride	1000	ug/Kg	U
SEE10191155JDF1	10/19/2010	Methylene Chloride	970	ug/Kg	U
SEE10191100JDF1	10/19/2010	Methylene Chloride	950	ug/Kg	U
SEE10211010JWP1	10/21/2010	Methylene Chloride	940	ug/Kg	U
SEE10221055DWS1	10/22/2010	Methylene Chloride	910	ug/Kg	U
SEE10191010JWP1	10/19/2010	Methylene Chloride	900	ug/Kg	U
SEE10221450DWS1	10/22/2010	Methylene Chloride	490	ug/Kg	U
SEE10211345JWP1	10/21/2010	Methylene Chloride	440	ug/Kg	U
SEF10221050MAE3	10/22/2010	Methylene Chloride	310	ug/Kg	U
SEF10191135NAC3	10/19/2010	Methylene Chloride	300	ug/Kg	U
SEE10141015JDF1	10/14/2010	Methylene Chloride	280	ug/Kg	U
SEE10191115JWP1	10/19/2010	Methylene Chloride	270	ug/Kg	U

**TABLE B-2b**  
**Upstream Sediment Samples (Morrow Lake)**

Sample ID	Sample Date	Analyte	Result	Unit	Data Qualifier
SEE09200945PML1	9/20/2010	Methylene Chloride	60	ug/Kg	U
SEE09200945PML1	9/20/2010	Methylene Chloride	60	ug/Kg	U
SEE09201115RCM1	9/20/2010	Methylene Chloride	58	ug/Kg	U
SEE09201645ARM1	9/20/2010	Methylene Chloride	48	ug/Kg	U
SEE10071042RCM1	10/7/2010	Methylene Chloride	45	ug/Kg	U
SEE09061500PML1	9/6/2010	Methylene Chloride	45	ug/Kg	U
SEE08281607TWH1	8/28/2010	Methylene Chloride	44	ug/kg	U
SEE09301105JDF1	9/30/2010	Methylene Chloride	42	ug/Kg	U
SEE09181705PML1	9/18/2010	Methylene Chloride	42	ug/Kg	U
SEE09021400PML1	9/2/2010	Methylene Chloride	41	ug/Kg	U
SEE08301130PML1	8/30/2010	Methylene Chloride	41	ug/Kg	U
SEE10091401PML1	10/9/2010	Methylene Chloride	40	ug/Kg	U
SEE10181035JDF1	10/18/2010	Methylene Chloride	39	ug/Kg	U
SEE10051125PML1	10/5/2010	Methylene Chloride	39	ug/Kg	U
SEE08311045PML1	8/31/2010	Methylene Chloride	39	ug/Kg	U
SEE10141555ARM1	10/14/2010	Methylene Chloride	38	ug/Kg	U
SEE09101215PML1	9/10/2010	Methylene Chloride	38	ug/Kg	U
SEE10161530JDF1	10/16/2010	Methylene Chloride	37	ug/Kg	U
SEE10081115PML1	10/8/2010	Methylene Chloride	37	ug/Kg	U
SEE09030925PML1	9/3/2010	Methylene Chloride	37	ug/Kg	U
SEE09031115JAW1	9/3/2010	Methylene Chloride	37	ug/Kg	U
SEE08281505PML1	8/28/2010	Methylene Chloride	37	ug/kg	U
SEE10171410JDF1	10/17/2010	Methylene Chloride	36	ug/Kg	U
SEE09191530PML1	9/19/2010	Methylene Chloride	36	ug/Kg	U
SEE09181235PML1	9/18/2010	Methylene Chloride	36	ug/Kg	U
SEE09141135PML1	9/14/2010	Methylene Chloride	36	ug/Kg	U
SEE09101022PML1	9/10/2010	Methylene Chloride	36	ug/Kg	U
SEE10171115JDF1	10/17/2010	Methylene Chloride	35	ug/Kg	U
SEE08311420PML1	8/31/2010	Methylene Chloride	35	ug/Kg	U
SEE08311420PML1	8/31/2010	Methylene Chloride	35	ug/Kg	U
SEE08271215PML1	8/27/2010	Methylene Chloride	35	ug/kg	U
SEE10041530JDF1	10/4/2010	Methylene Chloride	34	ug/Kg	U
SEE09121105RCM1	9/12/2010	Methylene Chloride	34	ug/Kg	U
SEE09011545PML1	9/1/2010	Methylene Chloride	34	ug/Kg	U
SEE08301550PML1	8/30/2010	Methylene Chloride	34	ug/Kg	U
SEE10181210JDF1	10/18/2010	Methylene Chloride	33	ug/Kg	U
SEE10181430JWP1	10/18/2010	Methylene Chloride	33	ug/Kg	U
SEE10181510JDF1	10/18/2010	Methylene Chloride	33	ug/Kg	U
SEE10181510JDF1	10/18/2010	Methylene Chloride	33	ug/Kg	U
SEE10131150JDF1	10/13/2010	Methylene Chloride	33	ug/Kg	U
SEE10101010PML1	10/10/2010	Methylene Chloride	33	ug/Kg	U
SEE10101215PML1	10/10/2010	Methylene Chloride	33	ug/Kg	U
SEE10101215PML1	10/10/2010	Methylene Chloride	33	ug/Kg	U
SEE09140945PML1	9/14/2010	Methylene Chloride	33	ug/Kg	U
SEE09061525MHS1	9/6/2010	Methylene Chloride	33	ug/Kg	U
SEE09051130PML1	9/5/2010	Methylene Chloride	33	ug/Kg	U
SEE09031100PML1	9/3/2010	Methylene Chloride	33	ug/Kg	U
SEE09021010PML1	9/2/2010	Methylene Chloride	33	ug/Kg	U
SEE08281630RCM1	8/28/2010	Methylene Chloride	33	ug/kg	U
SEE10031115JDF1	10/3/2010	Methylene Chloride	32	ug/Kg	U
SEE10031115JDF1	10/3/2010	Methylene Chloride	32	ug/Kg	U
SEE09301205RCM1	9/30/2010	Methylene Chloride	32	ug/Kg	U
SEE09301255JDF1	9/30/2010	Methylene Chloride	32	ug/Kg	U
SEE09231645JDF1	9/23/2010	Methylene Chloride	32	ug/Kg	U
SEE09141515PML1	9/14/2010	Methylene Chloride	32	ug/Kg	U
SEE09101625PML1	9/10/2010	Methylene Chloride	32	ug/Kg	U
SEE09091005RCM1	9/9/2010	Methylene Chloride	32	ug/Kg	U
SEE09061105PML1	9/6/2010	Methylene Chloride	32	ug/Kg	U
SEE09031650PML1	9/3/2010	Methylene Chloride	32	ug/Kg	U
SEE09031650PML1	9/3/2010	Methylene Chloride	32	ug/Kg	U

**TABLE B-2b**  
**Upstream Sediment Samples (Morrow Lake)**

Sample ID	Sample Date	Analyte	Result	Unit	Data Qualifier
SEE10081231PML1	10/8/2010	Methylene Chloride	31	ug/Kg	U
SEE09231210JDF1	9/23/2010	Methylene Chloride	31	ug/Kg	U
SEE09161045PML1	9/16/2010	Methylene Chloride	31	ug/Kg	U
SEE09081205PML1	9/8/2010	Methylene Chloride	31	ug/Kg	U
SEE09071050PML1	9/7/2010	Methylene Chloride	31	ug/Kg	U
SEE08301145MHS1	8/30/2010	Methylene Chloride	31	ug/Kg	U
SEE10161115ARM1	10/16/2010	Methylene Chloride	30	ug/Kg	U
SEE10120930JDF1	10/12/2010	Methylene Chloride	30	ug/Kg	U
SEE10071101PML1	10/7/2010	Methylene Chloride	30	ug/Kg	U
SEE09261625JDF1	9/26/2010	Methylene Chloride	30	ug/Kg	U
SEE09261625JDF1	9/26/2010	Methylene Chloride	30	ug/Kg	U
SEE09131445RCM1	9/13/2010	Methylene Chloride	30	ug/Kg	U
SEE09121055PML1	9/12/2010	Methylene Chloride	30	ug/Kg	U
SEE09121055PML1	9/12/2010	Methylene Chloride	30	ug/Kg	U
SEE09121436RCM1	9/12/2010	Methylene Chloride	30	ug/Kg	U
SEE09091410RCM1	9/9/2010	Methylene Chloride	30	ug/Kg	U
SEE09011050PML1	9/1/2010	Methylene Chloride	30	ug/Kg	U
SEE10081051RCM1	10/8/2010	Methylene Chloride	29	ug/Kg	U
SEE10061640PML1	10/6/2010	Methylene Chloride	29	ug/Kg	U
SEE10061640PML1	10/6/2010	Methylene Chloride	29	ug/Kg	U
SEE10051653PML1	10/5/2010	Methylene Chloride	29	ug/Kg	U
SEE09261215JDF1	9/26/2010	Methylene Chloride	29	ug/Kg	U
SEE09231130ARM1	9/23/2010	Methylene Chloride	29	ug/Kg	U
SEE09191040PML1	9/19/2010	Methylene Chloride	29	ug/Kg	U
SEE09131026RCM1	9/13/2010	Methylene Chloride	29	ug/Kg	U
SEE09131505PML1	9/13/2010	Methylene Chloride	29	ug/Kg	U
SEE09040950PML1	9/4/2010	Methylene Chloride	29	ug/Kg	U
SEE10011120JDF1	10/1/2010	Methylene Chloride	28	ug/Kg	U
SEE09211155JDF1	9/21/2010	Methylene Chloride	28	ug/Kg	U
SEE09171415PML1	9/17/2010	Methylene Chloride	28	ug/Kg	U
SEE09151145PML1	9/15/2010	Methylene Chloride	28	ug/Kg	U
SEE09151145PML1	9/15/2010	Methylene Chloride	28	ug/Kg	U
SEE09131620PML1	9/13/2010	Methylene Chloride	28	ug/Kg	U
SEE09121450PML1	9/12/2010	Methylene Chloride	28	ug/Kg	U
SEE09091515PML1	9/9/2010	Methylene Chloride	28	ug/Kg	U
SEE09081010PML1	9/8/2010	Methylene Chloride	28	ug/Kg	U
SEE09081020RCM1	9/8/2010	Methylene Chloride	28	ug/Kg	U
SEE09011255PML1	9/1/2010	Methylene Chloride	28	ug/Kg	U
SEE08301015JRP1	8/30/2010	Methylene Chloride	28	ug/Kg	U
SEE08261420RCM1	8/26/2010	Methylene Chloride	28	ug/kg	U
SEE10091614PML1	10/9/2010	Methylene Chloride	27	ug/Kg	U
SEE10061205PML1	10/6/2010	Methylene Chloride	27	ug/Kg	U
SEE10041150JDF1	10/4/2010	Methylene Chloride	27	ug/Kg	U
SEE09251135JDF1	9/25/2010	Methylene Chloride	27	ug/Kg	U
SEE09221440JDF1	9/22/2010	Methylene Chloride	27	ug/Kg	U
SEE09170839RCM1	9/17/2010	Methylene Chloride	27	ug/Kg	U
SEE09151015PML1	9/15/2010	Methylene Chloride	27	ug/Kg	U
SEE08291110PML1	8/29/2010	Methylene Chloride	27	ug/kg	U
SEE10141150JDF1	10/14/2010	Methylene Chloride	26	ug/Kg	U
SEE10141550JDF1	10/14/2010	Methylene Chloride	26	ug/Kg	U
SEE10141550JDF1	10/14/2010	Methylene Chloride	26	ug/Kg	U
SEE10121155JDF1	10/12/2010	Methylene Chloride	26	ug/Kg	U
SEE09271130JDF1	9/27/2010	Methylene Chloride	26	ug/Kg	U
SEE09131125PML1	9/13/2010	Methylene Chloride	26	ug/Kg	U
SEE09091010PML1	9/9/2010	Methylene Chloride	26	ug/Kg	U
SEE09091145PML1	9/9/2010	Methylene Chloride	26	ug/Kg	U
SEE09091410PML1	9/9/2010	Methylene Chloride	26	ug/Kg	U
SEE09061130MHS1	9/6/2010	Methylene Chloride	26	ug/Kg	U
SEE09011145PML1	9/1/2010	Methylene Chloride	26	ug/Kg	U
SEE08301638MHS1	8/30/2010	Methylene Chloride	26	ug/Kg	U

**TABLE B-2b**  
**Upstream Sediment Samples (Morrow Lake)**

Sample ID	Sample Date	Analyte	Result	Unit	Data Qualifier
SEE10151055ARM1	10/15/2010	Methylene Chloride	25	ug/Kg	U
SEE10121415ARM1	10/12/2010	Methylene Chloride	25	ug/Kg	U
SEE10111125JDF1	10/11/2010	Methylene Chloride	25	ug/Kg	U
SEE10031425JDF1	10/3/2010	Methylene Chloride	25	ug/Kg	U
SEE09291035JDF1	9/29/2010	Methylene Chloride	25	ug/Kg	U
SEE09220935RCM1	9/22/2010	Methylene Chloride	25	ug/Kg	U
SEE09111015PML1	9/11/2010	Methylene Chloride	25	ug/Kg	U
SEE09051015PML1	9/5/2010	Methylene Chloride	25	ug/Kg	U
SEE08301445JRP1	8/30/2010	Methylene Chloride	25	ug/Kg	U
SEE10161415JDF1	10/16/2010	Methylene Chloride	24	ug/Kg	U
SEE10040945JDF1	10/4/2010	Methylene Chloride	24	ug/Kg	U
SEE09230955RCM1	9/23/2010	Methylene Chloride	24	ug/Kg	U
SEE09211530JDF1	9/21/2010	Methylene Chloride	24	ug/Kg	U
SEE09170945PML1	9/17/2010	Methylene Chloride	24	ug/Kg	U
SEE09171125PML1	9/17/2010	Methylene Chloride	24	ug/Kg	U
SEE09130955JRP1	9/13/2010	Methylene Chloride	24	ug/Kg	U
SEE09091605PML1	9/9/2010	Methylene Chloride	24	ug/Kg	U
SEE09041350PML1	9/4/2010	Methylene Chloride	24	ug/Kg	U
SEE10071205PML1	10/7/2010	Methylene Chloride	23	ug/Kg	U
SEE10071540PML1	10/7/2010	Methylene Chloride	23	ug/Kg	U
SEE10041335JDF1	10/4/2010	Methylene Chloride	23	ug/Kg	U
SEE09271025ARM1	9/27/2010	Methylene Chloride	23	ug/Kg	U
SEE09171530PML1	9/17/2010	Methylene Chloride	23	ug/Kg	U
SEE09051430PML1	9/5/2010	Methylene Chloride	23	ug/Kg	U
SEE08271500PML1	8/27/2010	Methylene Chloride	23	ug/kg	U
SEE10150945JDF1	10/15/2010	Methylene Chloride	22	ug/Kg	U
SEE10111011JDF1	10/11/2010	Methylene Chloride	22	ug/Kg	U
SEE10111350JDF1	10/11/2010	Methylene Chloride	22	ug/Kg	U
SEE10061051RCM1	10/6/2010	Methylene Chloride	22	ug/Kg	U
SEE10041355ARM1	10/4/2010	Methylene Chloride	22	ug/Kg	U
SEE09271515JDF1	9/27/2010	Methylene Chloride	22	ug/Kg	U
SEE09221105JDF1	9/22/2010	Methylene Chloride	22	ug/Kg	U
SEE09130940PML1	9/13/2010	Methylene Chloride	22	ug/Kg	U
SEE08281215PML1	8/28/2010	Methylene Chloride	22	ug/kg	U
SEE10121030JDF1	10/12/2010	Methylene Chloride	21	ug/Kg	U
SEE09290925JDF1	9/29/2010	Methylene Chloride	21	ug/Kg	U
SEE09091025JRP1	9/9/2010	Methylene Chloride	21	ug/Kg	U
SEE09011635PML1	9/1/2010	Methylene Chloride	21	ug/Kg	U
SEE08301520JRP1	8/30/2010	Methylene Chloride	21	ug/Kg	U
SEE08281420TWH1	8/28/2010	Methylene Chloride	21	ug/kg	U
SEE08261445JRP1	8/26/2010	Methylene Chloride	21	ug/Kg	U
SEE10161055JDF1	10/16/2010	Methylene Chloride	20	ug/Kg	U
SEE10151355ARM1	10/15/2010	Methylene Chloride	20	ug/Kg	U
SEE10071415ARM1	10/7/2010	Methylene Chloride	20	ug/Kg	U
SEE09031140MHS1	9/3/2010	Methylene Chloride	20	ug/Kg	U
SEE08291421KAP1	8/29/2010	Methylene Chloride	20	ug/kg	U
SEE08271145RCM1	8/27/2010	Methylene Chloride	20	ug/kg	U
SEE10041050JDF1	10/4/2010	Methylene Chloride	19	ug/Kg	U
SEE09301255MAE1	9/30/2010	Methylene Chloride	19	ug/Kg	U
SEE09291645JDF1	9/29/2010	Methylene Chloride	19	ug/Kg	U
SEE09051550MHS1	9/5/2010	Methylene Chloride	19	ug/Kg	U
SEE09031645MHS1	9/3/2010	Methylene Chloride	19	ug/Kg	U
SEE10041138RCM1	10/4/2010	Methylene Chloride	18	ug/Kg	U
SEE09221615JDF1	9/22/2010	Methylene Chloride	18	ug/Kg	U
SEE09191445RCM1	9/19/2010	Methylene Chloride	18	ug/Kg	U
SEE08311010JRP1	8/31/2010	Methylene Chloride	18	ug/Kg	U
SEE09250905RCM1	9/25/2010	Methylene Chloride	17	ug/Kg	U
SEE09200911RCM1	9/20/2010	Methylene Chloride	17	ug/Kg	U
SEE09090900JRP1	9/9/2010	Methylene Chloride	17	ug/Kg	U
SEE09011545MHS1	9/1/2010	Methylene Chloride	17	ug/Kg	U

**TABLE B-2b**  
**Upstream Sediment Samples (Morrow Lake)**

Sample ID	Sample Date	Analyte	Result	Unit	Data Qualifier
SEE08281510TWH1	8/28/2010	Methylene Chloride	17	ug/kg	U
SEE10170915JDF1	10/17/2010	Methylene Chloride	16	ug/Kg	U
SEE09291135JDF1	9/29/2010	Methylene Chloride	16	ug/Kg	U
SEE09260930RCM1	9/26/2010	Methylene Chloride	16	ug/Kg	U
SEE09201110ARM1	9/20/2010	Methylene Chloride	15	ug/Kg	U
SEE08301530JAW1	8/30/2010	Methylene Chloride	15	ug/Kg	U
SEE08291550KAP1	8/29/2010	Methylene Chloride	15	ug/kg	U
SEE10071151RCM1	10/7/2010	Methylene Chloride	14	ug/Kg	U
SEE09211112RCM1	9/21/2010	Methylene Chloride	14	ug/Kg	U
SEE08311348MHS1	8/31/2010	Methylene Chloride	14	ug/Kg	U
SEE08300920JRP1	8/30/2010	Methylene Chloride	14	ug/Kg	U
SEE08261620RCM1	8/26/2010	Methylene Chloride	14	ug/kg	U
SEE10141025ARM1	10/14/2010	Methylene Chloride	12	ug/Kg	U
SEE09130915JRP1	9/13/2010	Methylene Chloride	12	ug/Kg	U
SEE10091200ARM1	10/9/2010	Methylene Chloride	11	ug/Kg	U
SEE09291023RCM1	9/29/2010	Methylene Chloride	11	ug/Kg	U
SEE09171445RCM1	9/17/2010	Methylene Chloride	11	ug/Kg	U
SEE09161035RCM1	9/16/2010	Methylene Chloride	11	ug/Kg	U
SEE09141312RCM1	9/14/2010	Methylene Chloride	10	ug/Kg	U
SEE08291445PML1	8/29/2010	Methylene Chloride	10	ug/kg	U
SEE08291354KAP1	8/29/2010	Methylene Chloride	9.3	ug/kg	U
SEE10051415ARM1	10/5/2010	Methylene Chloride	8.7	ug/Kg	U
SEE09061610JAW1	9/6/2010	Methylene Chloride	8.5	ug/Kg	U
SEE10011125ARM1	10/1/2010	Methylene Chloride	8.2	ug/Kg	U
SEE08261700JRP1	8/26/2010	Methylene Chloride	8.2	ug/Kg	U
SEE09051500MHS1	9/5/2010	Methylene Chloride	8.0	ug/Kg	U
SEE10171535ARM1	10/17/2010	Methylene Chloride	7.9	ug/Kg	U
SEE09231035ARM1	9/23/2010	Methylene Chloride	7.9	ug/Kg	U
SEE09171200ARM1	9/17/2010	Methylene Chloride	7.9	ug/Kg	U
SEE08271614TWH1	8/27/2010	Methylene Chloride	7.8	ug/kg	U
SEE10081035ARM1	10/8/2010	Methylene Chloride	7.6	ug/Kg	U
SEE08271652TWH1	8/27/2010	Methylene Chloride	7.6	ug/kg	U
SEE09100945RCM1	9/10/2010	Methylene Chloride	7.5	ug/Kg	U
SEE09211120ARM1	9/21/2010	Methylene Chloride	7.4	ug/Kg	U
SEB09011143JLS1	9/1/2010	Methylene Chloride	7.1	ug/Kg	U
SEE08301410JRP1	8/30/2010	Methylene Chloride	7.0	ug/Kg	U
SEE09281445RCM1	9/28/2010	Methylene Chloride	6.5	ug/Kg	U
SEE08271536TWH1	8/27/2010	Methylene Chloride	6.3	ug/kg	U
SEE09271500ARM1	9/27/2010	Methylene Chloride	6.2	ug/Kg	U
SEE09170935RCM1	9/17/2010	Methylene Chloride	6.1	ug/Kg	U
SEF10011045TDF1	10/1/2010	Methylene Chloride	6.0	ug/Kg	U
SEE09150915JRP1	9/15/2010	Methylene Chloride	6.0	ug/Kg	U
SEE10011043RCM1	10/1/2010	Methylene Chloride	5.8	ug/Kg	U
SEE09290915MAE1	9/29/2010	Methylene Chloride	5.8	ug/Kg	U
SEE10131035ARM1	10/13/2010	Methylene Chloride	5.5	ug/Kg	U
SEE10071045ARM1	10/7/2010	Methylene Chloride	5.5	ug/Kg	U
SEE10041045ARM1	10/4/2010	Methylene Chloride	5.5	ug/Kg	U
SEF10151030PMB3	10/15/2010	Methylene Chloride	5.4	ug/Kg	U
SEF10081108TDF3	10/8/2010	Methylene Chloride	5.4	ug/Kg	U
SEE09251235ARM1	9/25/2010	Methylene Chloride	5.4	ug/Kg	U
SEE08281540JRP1	8/28/2010	Methylene Chloride	5.4	ug/kg	U
SEF10051206TDF3	10/5/2010	Methylene Chloride	5.3	ug/Kg	U
SEE09140945JRP1	9/14/2010	Methylene Chloride	5.3	ug/Kg	U
SEE09080930JRP1	9/8/2010	Methylene Chloride	5.3	ug/Kg	U
SEE09011515JAW1	9/1/2010	Methylene Chloride	5.3	ug/Kg	U
SEE08301100JRP1	8/30/2010	Methylene Chloride	5.3	ug/Kg	U
SEE10121040ARM1	10/12/2010	Methylene Chloride	5.2	ug/Kg	U
SEF10121130PMB3	10/12/2010	Methylene Chloride	5.2	ug/Kg	U
SEE09221045ARM1	9/22/2010	Methylene Chloride	5.2	ug/Kg	U
SEE09100920JRP1	9/10/2010	Methylene Chloride	5.1	ug/Kg	U

**TABLE B-2b**  
**Upstream Sediment Samples (Morrow Lake)**

Sample ID	Sample Date	Analyte	Result	Unit	Data Qualifier
SEB08281400JLS1	8/28/2010	Methylene Chloride	5.1	ug/kg	U
SEE09301025MAE1	9/30/2010	Methylene Chloride	5.0	ug/Kg	U
SEE09051500JAW1	9/5/2010	Methylene Chloride	5.0	ug/Kg	U
SEE10051145RCM1	10/5/2010	Methylene Chloride	4.9	ug/Kg	U
SEE09070930JRP1	9/7/2010	Methylene Chloride	4.9	ug/Kg	U
SEE10061135ARM1	10/6/2010	Methylene Chloride	4.8	ug/Kg	U
SEE10181030JWP1	10/18/2010	Methylene Chloride	4.6	ug/Kg	U
SEF09281139TDF1	9/28/2010	Methylene Chloride	4.3	ug/Kg	U
SEE09231205RCM1	9/23/2010	Methylene Chloride	3.3	ug/Kg	U
SEE08271445JRP1	8/27/2010	Methylene Chloride	2.8	ug/kg	U
ML-03-S-082510	8/25/2010	Methylene Chloride	2.1	mg/Kg	U
ML-06-S-082510	8/25/2010	Methylene Chloride	2.1	mg/Kg	U
ML-07-S-082410	8/24/2010	Methylene Chloride	2.1	mg/Kg	UJ
ML-08-S-082410	8/24/2010	Methylene Chloride	1.9	mg/Kg	UJ
ML-06-S-082310	8/23/2010	Methylene Chloride	1.9	mg/Kg	U
ML-08-S-082110	8/21/2010	Methylene Chloride	1.9	mg/Kg	U
ML-06-S-082010	8/20/2010	Methylene Chloride	1.9	mg/Kg	U
ML-10-S-081910	8/19/2010	Methylene Chloride	1.9	mg/Kg	U
ML-10-S-081910	8/19/2010	Methylene Chloride	1.9	mg/Kg	U
ML-09-S-081810	8/18/2010	Methylene Chloride	1.9	mg/Kg	UJ
ML-08-S-082510	8/25/2010	Methylene Chloride	1.8	mg/Kg	U
ML-07-S-081810	8/18/2010	Methylene Chloride	1.8	mg/Kg	UJ
ML-03-S-082310	8/23/2010	Methylene Chloride	1.7	mg/Kg	U
ML-05-S-082010	8/20/2010	Methylene Chloride	1.7	mg/Kg	U
ML-01-S-081610	8/16/2010	Methylene Chloride	1.7	mg/Kg	U
ML-07-S-081610	8/16/2010	Methylene Chloride	1.7	mg/Kg	U
ML-08-S-081610-D	8/16/2010	Methylene Chloride	1.7	mg/Kg	U
ML-10-S-081610	8/16/2010	Methylene Chloride	1.7	mg/Kg	U
ML-10-S-081610	8/16/2010	Methylene Chloride	1.7	mg/Kg	U
ML-04-S-082610	8/26/2010	Methylene Chloride	1.6	mg/Kg	U
ML-10-S-082610	8/26/2010	Methylene Chloride	1.6	mg/Kg	U
ML-10-S-082610	8/26/2010	Methylene Chloride	1.6	mg/Kg	U
ML-01-S-082510	8/25/2010	Methylene Chloride	1.6	mg/Kg	U
ML-09-S-082510	8/25/2010	Methylene Chloride	1.6	mg/Kg	U
ML-05-S-082310	8/23/2010	Methylene Chloride	1.6	mg/Kg	U
ML-02-S-081710	8/17/2010	Methylene Chloride	1.6	mg/Kg	U
ML-06-S-081710	8/17/2010	Methylene Chloride	1.6	mg/Kg	U
ML-08-S-081610	8/16/2010	Methylene Chloride	1.6	mg/Kg	U
ML-09-S-082410	8/24/2010	Methylene Chloride	1.5	mg/Kg	UJ
ML-02-S-082510	8/25/2010	Methylene Chloride	1.4	mg/Kg	U
ML-01-S-082110	8/21/2010	Methylene Chloride	1.4	mg/Kg	U
ML-09-S-082110	8/21/2010	Methylene Chloride	1.4	mg/Kg	U
ML-04-S-081710	8/17/2010	Methylene Chloride	1.4	mg/Kg	U
ML-02-S-082310	8/23/2010	Methylene Chloride	1.3	mg/Kg	U
ML-01-S-081910	8/19/2010	Methylene Chloride	1.3	mg/Kg	U
ML-05-S-081710	8/17/2010	Methylene Chloride	1.3	mg/Kg	U
ML-04-S-082010	8/20/2010	Methylene Chloride	1.2	mg/Kg	U
ML-02-S-082010	8/20/2010	Methylene Chloride	1.1	mg/Kg	U
ML-03-S-081610	8/16/2010	Methylene Chloride	1.1	mg/Kg	U
ML-03-S-082010	8/20/2010	Methylene Chloride	0.95	mg/Kg	U
ML-05-S-082610	8/26/2010	Methylene Chloride	0.83	mg/Kg	U
ML-07-S-082510	8/25/2010	Methylene Chloride	0.42	mg/Kg	J
ML-04-S-082410	8/24/2010	Methylene Chloride	0.21	mg/Kg	J
ML-10-S-082410	8/24/2010	Methylene Chloride	0.16	mg/Kg	J
ML-10-S-082410	8/24/2010	Methylene Chloride	0.16	mg/Kg	J
ML-10-S-082110	8/21/2010	Methylene Chloride	0.14	mg/Kg	J
ML-10-S-082110	8/21/2010	Methylene Chloride	0.14	mg/Kg	J
ML-07-S-082110	8/21/2010	Methylene Chloride	0.13	mg/Kg	J
SOTF-E-Q-36.78-L01-1.1-1.5	9/11/2010	Methylene Chloride	0.12	mg/kg	J
SOTF-E-Q-37.28-L02-0.0-0.5	9/11/2010	Methylene Chloride	0.12	mg/kg	J

**TABLE B-2b**  
**Upstream Sediment Samples (Morrow Lake)**

Sample ID	Sample Date	Analyte	Result	Unit	Data Qualifier
SOTF-E-Q-36.84-L01-0.0-0.5	9/10/2010	Methylene Chloride	0.12	mg/kg	J
SOTF-E-Q-37.08-L01-0.0-0.4	9/9/2010	Methylene Chloride	0.12	mg/kg	J
SOTF-E-Q-36.95-L01-0.9-1.6	9/8/2010	Methylene Chloride	0.10	mg/kg	J
ML-10-S-082110-D	8/21/2010	Methylene Chloride	0.10	mg/Kg	J
ML-10-S-082110-D	8/21/2010	Methylene Chloride	0.10	mg/Kg	J
SOTF-E-Q-36.78-L02-0.0-0.4	9/11/2010	Methylene Chloride	0.090	mg/kg	J
SOTF-E-Q-36.78-L02-0.4-0.8	9/11/2010	Methylene Chloride	0.090	mg/kg	J
SOTF-E-Q-36.78-L02-0.8-1.1	9/11/2010	Methylene Chloride	0.090	mg/kg	J
SOTF-E-Q-37.05-L02-0.0-0.5	9/8/2010	Methylene Chloride	0.090	mg/kg	J
SOTF-E-Q-36.78-L01-0.0-0.6	9/11/2010	Methylene Chloride	0.080	mg/kg	J
SOTF-E-Q-36.86-L01-0.0-0.5-FD	9/10/2010	Methylene Chloride	0.080	mg/kg	J
SOTF-E-Q-37.08-L01-0.4-0.7	9/9/2010	Methylene Chloride	0.080	mg/kg	J
SOTF-E-Q-37.28-L01-0.0-0.4-FD	9/9/2010	Methylene Chloride	0.080	mg/kg	J
SOTF-E-Q-36.82-L01-0.0-0.4	9/10/2010	Methylene Chloride	0.070	mg/kg	J
SOTF-E-Q-36.84-L01-1.0-1.6	9/10/2010	Methylene Chloride	0.070	mg/kg	J
SOTF-E-Q-36.87-L01-0.0-0.5	9/10/2010	Methylene Chloride	0.070	mg/kg	J
SOTF-E-Q-36.97-L02-0.0-0.5	9/9/2010	Methylene Chloride	0.070	mg/kg	J
SOTF-E-Q-37.28-L01-0.4-0.7	9/9/2010	Methylene Chloride	0.070	mg/kg	J
SOTF-E-Q-37.28-L02-0.5-1.1	9/11/2010	Methylene Chloride	0.060	mg/kg	J
SOTF-E-Q-36.86-L01-0.5-1.0	9/10/2010	Methylene Chloride	0.060	mg/kg	J
SOTF-E-Q-36.95-L01-0.0-0.5	9/8/2010	Methylene Chloride	0.060	mg/kg	J
SOTF-E-Q-37.15-L01-0.0-0.7	9/8/2010	Methylene Chloride	0.060	mg/kg	J
SOTF-E-Q-36.78-L01-0.8-1.1	9/11/2010	Methylene Chloride	0.050	mg/kg	J
SOTF-E-Q-37.28-L02-1.1-1.7	9/11/2010	Methylene Chloride	0.050	mg/kg	J
SOTF-E-Q-37.28-L02-1.7-2.1	9/11/2010	Methylene Chloride	0.050	mg/kg	J
SOTF-E-Q-36.84-L01-0.4-0.8	9/10/2010	Methylene Chloride	0.050	mg/kg	J
SOTF-E-Q-36.84-L01-0.5-1.0	9/10/2010	Methylene Chloride	0.050	mg/kg	J
SOTF-E-Q-37.28-L01-0.7-1.2	9/9/2010	Methylene Chloride	0.050	mg/kg	J
SOTF-E-Q-37.28-L01-1.2-1.7	9/9/2010	Methylene Chloride	0.050	mg/kg	J
SOTF-E-Q-36.95-L01-0.5-0.9	9/8/2010	Methylene Chloride	0.050	mg/kg	J
SOTF-E-Q-36.69-L01-0.4-0.8	9/11/2010	Methylene Chloride	0.040	mg/kg	J
SOTF-E-Q-36.84-L01-1.6-2.0	9/10/2010	Methylene Chloride	0.040	mg/kg	J
SOTF-E-Q-36.86-L01-1.0-1.6	9/10/2010	Methylene Chloride	0.040	mg/kg	J
SOTF-E-Q-36.97-L01-0.2-0.4	9/8/2010	Methylene Chloride	0.040	mg/kg	J
SOTF-E-Q-37.05-L02-0.5-1.1	9/8/2010	Methylene Chloride	0.040	mg/kg	J
SOTF-E-Q-37.15-L01-0.7-1.4	9/8/2010	Methylene Chloride	0.040	mg/kg	J
SOTF-E-Q-37.15-L01-1.4-1.6	9/8/2010	Methylene Chloride	0.040	mg/kg	J
SOTF-E-Q-36.96-L01-0.0-0.4	9/7/2010	Methylene Chloride	0.040	mg/kg	J
SOTF-E-Q-36.96-L01-0.0-0.4	9/7/2010	Methylene Chloride	0.040	mg/kg	J
SOTF-E-Q-36.69-L01-0.8-1.1	9/11/2010	Methylene Chloride	0.030	mg/kg	J
SOTF-E-Q-36.69-L01-1.5-1.7	9/11/2010	Methylene Chloride	0.030	mg/kg	J
SOTF-E-Q-36.78-L01-0.6-0.8	9/11/2010	Methylene Chloride	0.030	mg/kg	J
SOTF-E-Q-36.82-L01-0.8-1.3	9/10/2010	Methylene Chloride	0.030	mg/kg	J
SOTF-E-Q-36.82-L01-1.3-1.6	9/10/2010	Methylene Chloride	0.030	mg/kg	J
SOTF-E-Q-36.86-L01-1.6-2.3	9/10/2010	Methylene Chloride	0.030	mg/kg	J
SOTF-E-Q-36.87-L01-0.5-0.9	9/10/2010	Methylene Chloride	0.030	mg/kg	J
SOTF-E-Q-36.87-L01-0.9-1.5	9/10/2010	Methylene Chloride	0.030	mg/kg	J
SOTF-E-Q-36.97-L02-0.5-1.1	9/9/2010	Methylene Chloride	0.030	mg/kg	J
SOTF-E-Q-37.05-L01-0.6-0.9	9/8/2010	Methylene Chloride	0.030	mg/kg	J
SOTF-E-Q-37.05-L02-1.1-1.5	9/8/2010	Methylene Chloride	0.030	mg/kg	J
SOTF-E-Q-36.96-L01-0.7-1.1	9/7/2010	Methylene Chloride	0.030	mg/kg	J
SOTF-E-Q-36.96-L01-0.7-1.1	9/7/2010	Methylene Chloride	0.030	mg/kg	J
SOTF-E-Q-36.97-L01-0.4-1.0	9/8/2010	Methylene Chloride	0.020	mg/kg	J
SOTF-E-Q-37.05-L01-0.9-1.4	9/8/2010	Methylene Chloride	0.020	mg/kg	J
SOTF-E-Q-37.14-L01-1.3-1.5	9/9/2010	Methylene Chloride	0.010	mg/kg	WJ
SEE08281607TWH1	8/28/2010	Molybdenum	20900	ug/kg	U
SEE08281505PML1	8/28/2010	Molybdenum	18300	ug/kg	U
SEE08271500PML1	8/27/2010	Molybdenum	16800	ug/kg	U
SEE08271145RCM1	8/27/2010	Molybdenum	16300	ug/kg	U
SEE08291110PML1	8/29/2010	Molybdenum	14900	ug/kg	U



**TABLE B-2b**  
**Upstream Sediment Samples (Morrow Lake)**

Sample ID	Sample Date	Analyte	Result	Unit	Data Qualifier
SEE08281215PML1	8/28/2010	Molybdenum	14400	ug/kg	U
SEE08281510TWH1	8/28/2010	Molybdenum	13600	ug/kg	U
SEE08291550KAP1	8/29/2010	Molybdenum	10500	ug/kg	U
SEE08291354KAP1	8/29/2010	Molybdenum	8410	ug/kg	U
SEE08271614TWH1	8/27/2010	Molybdenum	6980	ug/kg	U
SEE08291445PML1	8/29/2010	Molybdenum	6890	ug/kg	U
SEE08271445JRP1	8/27/2010	Molybdenum	5690	ug/kg	U
SEE08271536TWH1	8/27/2010	Molybdenum	5570	ug/kg	U
SEB08281400JLS1	8/28/2010	Molybdenum	5290	ug/kg	U
SEE08281540JRP1	8/28/2010	Molybdenum	5240	ug/kg	U
SEE09131026RCM1	9/13/2010	Molybdenum	2600	ug/Kg	J
SEE09091005RCM1	9/9/2010	Molybdenum	2500	ug/Kg	J
SEE09021400PML1	9/2/2010	Molybdenum	2400	ug/Kg	U
SEE10181430JWP1	10/18/2010	Molybdenum	2300	ug/Kg	
SEE10181035JDF1	10/18/2010	Molybdenum	2200	ug/Kg	U
SEE10181510JDF1	10/18/2010	Molybdenum	2200	ug/Kg	U
SEE10181510JDF1	10/18/2010	Molybdenum	2200	ug/Kg	U
SEE10141555ARM1	10/14/2010	Molybdenum	2200	ug/Kg	
SEE10081051RCM1	10/8/2010	Molybdenum	2200	ug/Kg	
SEE09251135JDF1	9/25/2010	Molybdenum	2200	ug/Kg	U
SEE09191040PML1	9/19/2010	Molybdenum	2200	ug/Kg	U
SEE10181210JDF1	10/18/2010	Molybdenum	2100	ug/Kg	U
SEE09031140MHS1	9/3/2010	Molybdenum	2100	ug/Kg	
SEE09021010PML1	9/2/2010	Molybdenum	2100	ug/Kg	U
SEE10161115ARM1	10/16/2010	Molybdenum	2000	ug/Kg	
SEE09161045PML1	9/16/2010	Molybdenum	2000	ug/Kg	U
SEE09031645MHS1	9/3/2010	Molybdenum	2000	ug/Kg	J
SEE10121415ARM1	10/12/2010	Molybdenum	1900	ug/Kg	B
SEE10111011JDF1	10/11/2010	Molybdenum	1900	ug/Kg	U
SEE09121450PML1	9/12/2010	Molybdenum	1900	ug/Kg	U
SEE08301445JRP1	8/30/2010	Molybdenum	1900	ug/Kg	
SEE10161055JDF1	10/16/2010	Molybdenum	1800	ug/Kg	J
SEE10161415JDF1	10/16/2010	Molybdenum	1800	ug/Kg	J
SEE10111350JDF1	10/11/2010	Molybdenum	1800	ug/Kg	U
SEE10091401PML1	10/9/2010	Molybdenum	1800	ug/Kg	J
SEE10081231PML1	10/8/2010	Molybdenum	1800	ug/Kg	U
SEE10171410JDF1	10/17/2010	Molybdenum	1700	ug/Kg	J
SEE10151055ARM1	10/15/2010	Molybdenum	1700	ug/Kg	J
SEE09131505PML1	9/13/2010	Molybdenum	1700	ug/Kg	UJ
SEE09030925PML1	9/3/2010	Molybdenum	1700	ug/Kg	J
SEE09031115JAW1	9/3/2010	Molybdenum	1700	ug/Kg	
SEE08300920JRP1	8/30/2010	Molybdenum	1700	ug/Kg	
SEE10161530JDF1	10/16/2010	Molybdenum	1600	ug/Kg	J
SEE10041138RCM1	10/4/2010	Molybdenum	1600	ug/Kg	J
SEE09230955RCM1	9/23/2010	Molybdenum	1600	ug/Kg	J
SEE09130940PML1	9/13/2010	Molybdenum	1600	ug/Kg	UJ
SEE09130955JRP1	9/13/2010	Molybdenum	1600	ug/Kg	J
SEE09061130MHS1	9/6/2010	Molybdenum	1600	ug/Kg	J
SEE10081115PML1	10/8/2010	Molybdenum	1500	ug/Kg	U
SEE09141515PML1	9/14/2010	Molybdenum	1500	ug/Kg	UJ
SEE08301015JRP1	8/30/2010	Molybdenum	1500	ug/Kg	U
SEE10171115JDF1	10/17/2010	Molybdenum	1400	ug/Kg	J
SEE10141015JDF1	10/14/2010	Molybdenum	1400	ug/Kg	U
SEE10091614PML1	10/9/2010	Molybdenum	1400	ug/Kg	J
SEE09161035RCM1	9/16/2010	Molybdenum	1400	ug/Kg	U
SEE09151145PML1	9/15/2010	Molybdenum	1400	ug/Kg	U
SEE09151145PML1	9/15/2010	Molybdenum	1400	ug/Kg	U
SEE09141135PML1	9/14/2010	Molybdenum	1400	ug/Kg	UJ
SEE09121105RCM1	9/12/2010	Molybdenum	1400	ug/Kg	U
SEE09121436RCM1	9/12/2010	Molybdenum	1400	ug/Kg	U

**TABLE B-2b**  
**Upstream Sediment Samples (Morrow Lake)**

Sample ID	Sample Date	Analyte	Result	Unit	Data Qualifier
SEE09091145PML1	9/9/2010	Molybdenum	1400	ug/Kg	J
SEE09091410RCM1	9/9/2010	Molybdenum	1400	ug/Kg	UJ
SEE08281420TWH1	8/28/2010	Molybdenum	1380	ug/kg	J
SEE08261420RCM1	8/26/2010	Molybdenum	1330	ug/kg	U
SEE10151355ARM1	10/15/2010	Molybdenum	1300	ug/Kg	J
SEE10121155JDF1	10/12/2010	Molybdenum	1300	ug/Kg	U
SEE09291035JDF1	9/29/2010	Molybdenum	1300	ug/Kg	J
SEE09131445RCM1	9/13/2010	Molybdenum	1300	ug/Kg	UJ
SEE09131620PML1	9/13/2010	Molybdenum	1300	ug/Kg	UJ
SEE09121055PML1	9/12/2010	Molybdenum	1300	ug/Kg	U
SEE09121055PML1	9/12/2010	Molybdenum	1300	ug/Kg	U
SEE09090900JRP1	9/9/2010	Molybdenum	1300	ug/Kg	J
SEE09091515PML1	9/9/2010	Molybdenum	1300	ug/Kg	J
SEE09061525MHS1	9/6/2010	Molybdenum	1300	ug/Kg	J
SEE09011545MHS1	9/1/2010	Molybdenum	1300	ug/Kg	J
SEE08261620RCM1	8/26/2010	Molybdenum	1230	ug/kg	U
SEE10170915JDF1	10/17/2010	Molybdenum	1200	ug/Kg	J
SEE10141550JDF1	10/14/2010	Molybdenum	1200	ug/Kg	U
SEE10141550JDF1	10/14/2010	Molybdenum	1200	ug/Kg	U
SEE10131150JDF1	10/13/2010	Molybdenum	1200	ug/Kg	U
SEE10040945JDF1	10/4/2010	Molybdenum	1200	ug/Kg	J
SEE10011120JDF1	10/1/2010	Molybdenum	1200	ug/Kg	U
SEE09291023RCM1	9/29/2010	Molybdenum	1200	ug/Kg	J
SEE09140945PML1	9/14/2010	Molybdenum	1200	ug/Kg	UJ
SEE09091025JRP1	9/9/2010	Molybdenum	1200	ug/Kg	J
SEE09081010PML1	9/8/2010	Molybdenum	1200	ug/Kg	U
SEE09081020RCM1	9/8/2010	Molybdenum	1200	ug/Kg	U
SEE09061500PML1	9/6/2010	Molybdenum	1200	ug/Kg	U
SEE09051130PML1	9/5/2010	Molybdenum	1200	ug/Kg	U
SEE09041350PML1	9/4/2010	Molybdenum	1200	ug/Kg	U
SEE09031100PML1	9/3/2010	Molybdenum	1200	ug/Kg	J
SEE09031650PML1	9/3/2010	Molybdenum	1200	ug/Kg	J
SEE09031650PML1	9/3/2010	Molybdenum	1200	ug/Kg	J
SEE10101215PML1	10/10/2010	Molybdenum	1100	ug/Kg	U
SEE10101215PML1	10/10/2010	Molybdenum	1100	ug/Kg	U
SEE10091200ARM1	10/9/2010	Molybdenum	1100	ug/Kg	
SEE09290925JDF1	9/29/2010	Molybdenum	1100	ug/Kg	J
SEE09151015PML1	9/15/2010	Molybdenum	1100	ug/Kg	U
SEE09131125PML1	9/13/2010	Molybdenum	1100	ug/Kg	UJ
SEE09051015PML1	9/5/2010	Molybdenum	1100	ug/Kg	U
SEE09051550MHS1	9/5/2010	Molybdenum	1100	ug/Kg	J
SEE09040950PML1	9/4/2010	Molybdenum	1100	ug/Kg	U
SEE09011050PML1	9/1/2010	Molybdenum	1100	ug/Kg	J
SEE09011255PML1	9/1/2010	Molybdenum	1100	ug/Kg	J
SEE08311045PML1	8/31/2010	Molybdenum	1100	ug/Kg	J
SEE08271215PML1	8/27/2010	Molybdenum	1090	ug/kg	J
SEE08281630RCM1	8/28/2010	Molybdenum	1050	ug/kg	J
SEE10141150JDF1	10/14/2010	Molybdenum	1000	ug/Kg	U
SEE10071042RCM1	10/7/2010	Molybdenum	1000	ug/Kg	J
SEE09301205RCM1	9/30/2010	Molybdenum	1000	ug/Kg	U
SEE09091410PML1	9/9/2010	Molybdenum	1000	ug/Kg	J
SEE09071050PML1	9/7/2010	Molybdenum	1000	ug/Kg	U
SEE09061105PML1	9/6/2010	Molybdenum	1000	ug/Kg	U
SEE09051430PML1	9/5/2010	Molybdenum	1000	ug/Kg	U
SEE08311010JRP1	8/31/2010	Molybdenum	1000	ug/Kg	J
SEE10120930JDF1	10/12/2010	Molybdenum	990	ug/Kg	U
SEE09220935RCM1	9/22/2010	Molybdenum	980	ug/Kg	U
SEE10071415ARM1	10/7/2010	Molybdenum	940	ug/Kg	J
SEE09221105JDF1	9/22/2010	Molybdenum	930	ug/Kg	U
SEE09081205PML1	9/8/2010	Molybdenum	920	ug/Kg	U

**TABLE B-2b**  
**Upstream Sediment Samples (Morrow Lake)**

Sample ID	Sample Date	Analyte	Result	Unit	Data Qualifier
SEE10101010PML1	10/10/2010	Molybdenum	910	ug/Kg	U
SEE09301255JDF1	9/30/2010	Molybdenum	910	ug/Kg	U
SEE09141312RCM1	9/14/2010	Molybdenum	900	ug/Kg	UJ
SEE09091605PML1	9/9/2010	Molybdenum	900	ug/Kg	J
SEE09301105JDF1	9/30/2010	Molybdenum	880	ug/Kg	U
SEE09200945PML1	9/20/2010	Molybdenum	880	ug/Kg	J
SEE09200945PML1	9/20/2010	Molybdenum	880	ug/Kg	J
SEE09201115RCM1	9/20/2010	Molybdenum	880	ug/Kg	U
SEE09101625PML1	9/10/2010	Molybdenum	870	ug/Kg	J
SEE08301550PML1	8/30/2010	Molybdenum	850	ug/Kg	J
SEE10071205PML1	10/7/2010	Molybdenum	840	ug/Kg	J
SEE08301145MHS1	8/30/2010	Molybdenum	840	ug/Kg	J
SEE09170839RCM1	9/17/2010	Molybdenum	810	ug/Kg	J
SEE10051653PML1	10/5/2010	Molybdenum	800	ug/Kg	J
SEE09231210JDF1	9/23/2010	Molybdenum	800	ug/Kg	J
SEE08261700JRP1	8/26/2010	Molybdenum	790	ug/Kg	U
SEE08311420PML1	8/31/2010	Molybdenum	780	ug/Kg	J
SEE08311420PML1	8/31/2010	Molybdenum	780	ug/Kg	J
SEE10071540PML1	10/7/2010	Molybdenum	760	ug/Kg	J
SEE10150945JDF1	10/15/2010	Molybdenum	750	ug/Kg	J
SEE09100945RCM1	9/10/2010	Molybdenum	750	ug/Kg	U
SEE10171535ARM1	10/17/2010	Molybdenum	740	ug/Kg	J
SEE10141025ARM1	10/14/2010	Molybdenum	730	ug/Kg	J
SEE09211120ARM1	9/21/2010	Molybdenum	730	ug/Kg	U
SEE09011545PML1	9/1/2010	Molybdenum	720	ug/Kg	J
SEE08301100JRP1	8/30/2010	Molybdenum	710	ug/Kg	J
SEE09260930RCM1	9/26/2010	Molybdenum	700	ug/Kg	J
SEE09221440JDF1	9/22/2010	Molybdenum	700	ug/Kg	U
SEE09201110ARM1	9/20/2010	Molybdenum	700	ug/Kg	U
SEE09211155JDF1	9/21/2010	Molybdenum	690	ug/Kg	U
SEE09091010PML1	9/9/2010	Molybdenum	690	ug/Kg	J
SEE10111125JDF1	10/11/2010	Molybdenum	680	ug/Kg	J
SEE10071101PML1	10/7/2010	Molybdenum	680	ug/Kg	J
SEE09261625JDF1	9/26/2010	Molybdenum	670	ug/Kg	J
SEE09261625JDF1	9/26/2010	Molybdenum	670	ug/Kg	J
SEE09251235ARM1	9/25/2010	Molybdenum	670	ug/Kg	U
SEE08301520JRP1	8/30/2010	Molybdenum	670	ug/Kg	U
SEE09171445RCM1	9/17/2010	Molybdenum	660	ug/Kg	J
SEE09101022PML1	9/10/2010	Molybdenum	650	ug/Kg	J
SEE09101215PML1	9/10/2010	Molybdenum	650	ug/Kg	J
SEE08301638MHS1	8/30/2010	Molybdenum	650	ug/Kg	J
SEF10151030PMB3	10/15/2010	Molybdenum	640	ug/Kg	U
SEE10061051RCM1	10/6/2010	Molybdenum	640	ug/Kg	U
SEE09271025ARM1	9/27/2010	Molybdenum	640	ug/Kg	U
SEE09250905RCM1	9/25/2010	Molybdenum	620	ug/Kg	U
SEE09070930JRP1	9/7/2010	Molybdenum	620	ug/Kg	U
SEE09011145PML1	9/1/2010	Molybdenum	620	ug/Kg	J
SEE09231130ARM1	9/23/2010	Molybdenum	610	ug/Kg	J
SEE09171415PML1	9/17/2010	Molybdenum	610	ug/Kg	J
SEE09271515JDF1	9/27/2010	Molybdenum	580	ug/Kg	U
SEE09231645JDF1	9/23/2010	Molybdenum	580	ug/Kg	J
SEE09221615JDF1	9/22/2010	Molybdenum	580	ug/Kg	U
SEE10041335JDF1	10/4/2010	Molybdenum	560	ug/Kg	J
SEE09291135JDF1	9/29/2010	Molybdenum	560	ug/Kg	J
SEE09171125PML1	9/17/2010	Molybdenum	560	ug/Kg	J
SEE08261445JRP1	8/26/2010	Molybdenum	560	ug/Kg	U
SEE09271130JDF1	9/27/2010	Molybdenum	550	ug/Kg	U
SEE09170945PML1	9/17/2010	Molybdenum	550	ug/Kg	J
SEE09111015PML1	9/11/2010	Molybdenum	550	ug/Kg	U
SEE10081035ARM1	10/8/2010	Molybdenum	540	ug/Kg	U

**TABLE B-2b**  
**Upstream Sediment Samples (Morrow Lake)**

Sample ID	Sample Date	Analyte	Result	Unit	Data Qualifier
SEE09301255MAE1	9/30/2010	Molybdenum	540	ug/Kg	U
SEE08291421KAP1	8/29/2010	Molybdenum	532	ug/kg	J
SEE09191530PML1	9/19/2010	Molybdenum	530	ug/Kg	U
SEE10041150JDF1	10/4/2010	Molybdenum	510	ug/Kg	J
SEE09211112RCM1	9/21/2010	Molybdenum	510	ug/Kg	U
SEE09051500MHS1	9/5/2010	Molybdenum	510	ug/Kg	J
SEE08311348MHS1	8/31/2010	Molybdenum	510	ug/Kg	J
SEF09281139TDF1	9/28/2010	Molybdenum	500	ug/Kg	U
SEE08301530JAW1	8/30/2010	Molybdenum	490	ug/Kg	J
SEE10121030JDF1	10/12/2010	Molybdenum	480	ug/Kg	U
SEE10051125PML1	10/5/2010	Molybdenum	480	ug/Kg	J
SEE09130915JRP1	9/13/2010	Molybdenum	480	ug/Kg	UJ
SEE09011635PML1	9/1/2010	Molybdenum	460	ug/Kg	J
SEE10031115JDF1	10/3/2010	Molybdenum	440	ug/Kg	U
SEE10031115JDF1	10/3/2010	Molybdenum	440	ug/Kg	U
SEE09171530PML1	9/17/2010	Molybdenum	440	ug/Kg	J
SEB09011143JLS1	9/1/2010	Molybdenum	430	ug/Kg	J
SEE08271652TWH1	8/27/2010	Molybdenum	421	ug/kg	J
SEE10061640PML1	10/6/2010	Molybdenum	410	ug/Kg	J
SEE10061640PML1	10/6/2010	Molybdenum	410	ug/Kg	J
SEE10041530JDF1	10/4/2010	Molybdenum	400	ug/Kg	J
SEE09181235PML1	9/18/2010	Molybdenum	400	ug/Kg	J
SEE10031425JDF1	10/3/2010	Molybdenum	390	ug/Kg	U
SEE10041050JDF1	10/4/2010	Molybdenum	380	ug/Kg	J
SEE09181705PML1	9/18/2010	Molybdenum	380	ug/Kg	J
SEE08301130PML1	8/30/2010	Molybdenum	380	ug/Kg	J
SEE10041355ARM1	10/4/2010	Molybdenum	360	ug/Kg	J
SEE10061205PML1	10/6/2010	Molybdenum	350	ug/Kg	J
SEE10011043RCM1	10/1/2010	Molybdenum	350	ug/Kg	U
SEE09191445RCM1	9/19/2010	Molybdenum	300	ug/Kg	U
SEE10011125ARM1	10/1/2010	Molybdenum	290	ug/Kg	U
SEE09261215JDF1	9/26/2010	Molybdenum	290	ug/Kg	J
SEE10071045ARM1	10/7/2010	Molybdenum	280	ug/Kg	J
SEE10121040ARM1	10/12/2010	Molybdenum	270	ug/Kg	U
SEE09201645ARM1	9/20/2010	Molybdenum	270	ug/Kg	J
SEE09291645JDF1	9/29/2010	Molybdenum	260	ug/Kg	J
SEE09211530JDF1	9/21/2010	Molybdenum	260	ug/Kg	U
SEE09150915JRP1	9/15/2010	Molybdenum	260	ug/Kg	U
SEE09061610JAW1	9/6/2010	Molybdenum	260	ug/Kg	J
SEE09281445RCM1	9/28/2010	Molybdenum	250	ug/Kg	U
SEE10071151RCM1	10/7/2010	Molybdenum	240	ug/Kg	J
SEE10051415ARM1	10/5/2010	Molybdenum	230	ug/Kg	J
SEE09290915MAE1	9/29/2010	Molybdenum	230	ug/Kg	J
SEE09011515JAW1	9/1/2010	Molybdenum	230	ug/Kg	J
SEF10081108TDF3	10/8/2010	Molybdenum	220	ug/Kg	J
SEF10011045TDF1	10/1/2010	Molybdenum	200	ug/Kg	U
SEE09221045ARM1	9/22/2010	Molybdenum	190	ug/Kg	U
SEE09140945JRP1	9/14/2010	Molybdenum	190	ug/Kg	J
SEE10061135ARM1	10/6/2010	Molybdenum	180	ug/Kg	U
SEE08301410JRP1	8/30/2010	Molybdenum	180	ug/Kg	U
SEE10131035ARM1	10/13/2010	Molybdenum	170	ug/Kg	U
SEE09080930JRP1	9/8/2010	Molybdenum	150	ug/Kg	U
SEE09200911RCM1	9/20/2010	Molybdenum	140	ug/Kg	U
SEE09271500ARM1	9/27/2010	Molybdenum	130	ug/Kg	U
SEE09231205RCM1	9/23/2010	Molybdenum	130	ug/Kg	J
SEE09170935RCM1	9/17/2010	Molybdenum	130	ug/Kg	J
SEE10181030JWP1	10/18/2010	Molybdenum	120	ug/Kg	J
SEF10121130PMB3	10/12/2010	Molybdenum	120	ug/Kg	U
SEE10041045ARM1	10/4/2010	Molybdenum	120	ug/Kg	J
SEE09051500JAW1	9/5/2010	Molybdenum	120	ug/Kg	U

**TABLE B-2b**  
**Upstream Sediment Samples (Morrow Lake)**

Sample ID	Sample Date	Analyte	Result	Unit	Data Qualifier
SEE09171200ARM1	9/17/2010	Molybdenum	110	ug/Kg	J
SEE09301025MAE1	9/30/2010	Molybdenum	98	ug/Kg	U
SEF10051206TDF3	10/5/2010	Molybdenum	94	ug/Kg	J
SEE10051145RCM1	10/5/2010	Molybdenum	93	ug/Kg	U
SEE09100920JRP1	9/10/2010	Molybdenum	81	ug/Kg	J
SEE09231035ARM1	9/23/2010	Molybdenum	72	ug/Kg	J
SEE08271145RCM1	8/27/2010	Naphthalene	1600	ug/kg	U
SEE08261620RCM1	8/26/2010	Naphthalene	1400	ug/kg	U
SEE10211035JDF1	10/21/2010	Naphthalene	1200	ug/Kg	U
SEE08261420RCM1	8/26/2010	Naphthalene	1200	ug/kg	U
SEE10221110JDF1	10/22/2010	Naphthalene	1100	ug/Kg	U
SEE10221110JDF1	10/22/2010	Naphthalene	1100	ug/Kg	U
SEE10211430JDF1	10/21/2010	Naphthalene	1100	ug/Kg	U
SEE10191005JDF1	10/19/2010	Naphthalene	1100	ug/Kg	U
SEE10191515JDF1	10/19/2010	Naphthalene	1100	ug/Kg	U
SEE10191415JDF1	10/19/2010	Naphthalene	1000	ug/Kg	U
SEE10191155JDF1	10/19/2010	Naphthalene	970	ug/Kg	U
SEE10191100JDF1	10/19/2010	Naphthalene	950	ug/Kg	U
SEE10211010JWP1	10/21/2010	Naphthalene	940	ug/Kg	U
SEE10221055DWS1	10/22/2010	Naphthalene	910	ug/Kg	U
SEE10191010JWP1	10/19/2010	Naphthalene	900	ug/Kg	U
SEE08281607TWH1	8/28/2010	Naphthalene	830	ug/kg	U
SEE08281630RCM1	8/28/2010	Naphthalene	830	ug/kg	U
SEE08281505PML1	8/28/2010	Naphthalene	730	ug/kg	U
SEE08271215PML1	8/27/2010	Naphthalene	720	ug/kg	U
SEE08271614TWH1	8/27/2010	Naphthalene	690	ug/kg	U
SEE08271500PML1	8/27/2010	Naphthalene	660	ug/kg	U
SEE09011635PML1	9/1/2010	Naphthalene	600	ug/Kg	U
SEE09051430PML1	9/5/2010	Naphthalene	590	ug/Kg	U
SEE08291110PML1	8/29/2010	Naphthalene	590	ug/kg	U
SEE08281215PML1	8/28/2010	Naphthalene	570	ug/kg	U
SEE08281420TWH1	8/28/2010	Naphthalene	570	ug/kg	U
SEE08281510TWH1	8/28/2010	Naphthalene	540	ug/kg	U
SEE08291421KAP1	8/29/2010	Naphthalene	510	ug/kg	U
SEE08271652TWH1	8/27/2010	Naphthalene	500	ug/kg	U
SEE10221450DWS1	10/22/2010	Naphthalene	490	ug/Kg	U
SEE10211345JWP1	10/21/2010	Naphthalene	440	ug/Kg	U
SEE08291550KAP1	8/29/2010	Naphthalene	410	ug/kg	U
SEE08291354KAP1	8/29/2010	Naphthalene	330	ug/kg	U
SEF10221050MAE3	10/22/2010	Naphthalene	310	ug/Kg	U
SEF10191135NAC3	10/19/2010	Naphthalene	300	ug/Kg	U
SEE10141015JDF1	10/14/2010	Naphthalene	280	ug/Kg	U
SEE10191115JWP1	10/19/2010	Naphthalene	270	ug/Kg	U
SEE08291445PML1	8/29/2010	Naphthalene	270	ug/kg	U
SEE08271445JRP1	8/27/2010	Naphthalene	230	ug/kg	U
SEE08271536TWH1	8/27/2010	Naphthalene	220	ug/kg	U
SEB08281400JLS1	8/28/2010	Naphthalene	210	ug/kg	U
SEE08281540JRP1	8/28/2010	Naphthalene	210	ug/kg	U
SEE10211035JDF1	10/21/2010	Naphthalene	180	ug/Kg	UJ
SEE10051125PML1	10/5/2010	Naphthalene	180	ug/Kg	UJ
SEE09061500PML1	9/6/2010	Naphthalene	180	ug/Kg	U
SEE09021400PML1	9/2/2010	Naphthalene	180	ug/Kg	U
SEE08301130PML1	8/30/2010	Naphthalene	180	ug/Kg	U
SEE10081115PML1	10/8/2010	Naphthalene	170	ug/Kg	UJ
SEE09231645JDF1	9/23/2010	Naphthalene	170	ug/Kg	U
SEE09181235PML1	9/18/2010	Naphthalene	170	ug/Kg	UJ
SEE09141135PML1	9/14/2010	Naphthalene	170	ug/Kg	U
SEE09121105RCM1	9/12/2010	Naphthalene	170	ug/Kg	UJ
SEE09101022PML1	9/10/2010	Naphthalene	170	ug/Kg	UJ
SEE09101215PML1	9/10/2010	Naphthalene	170	ug/Kg	UJ

**TABLE B-2b**  
**Upstream Sediment Samples (Morrow Lake)**

Sample ID	Sample Date	Analyte	Result	Unit	Data Qualifier
SEE09091410RCM1	9/9/2010	Naphthalene	170	ug/Kg	U
SEE09081020RCM1	9/8/2010	Naphthalene	170	ug/Kg	U
SEE09031645MHS1	9/3/2010	Naphthalene	170	ug/Kg	U
SEE08311420PML1	8/31/2010	Naphthalene	170	ug/Kg	U
SEE08311420PML1	8/31/2010	Naphthalene	170	ug/Kg	U
SEE10221110JDF1	10/22/2010	Naphthalene	160	ug/Kg	U
SEE10221110JDF1	10/22/2010	Naphthalene	160	ug/Kg	U
SEE10211430JDF1	10/21/2010	Naphthalene	160	ug/Kg	U
SEE10191005JDF1	10/19/2010	Naphthalene	160	ug/Kg	U
SEE10041530JDF1	10/4/2010	Naphthalene	160	ug/Kg	U
SEE09291023RCM1	9/29/2010	Naphthalene	160	ug/Kg	UJ
SEE09231210JDF1	9/23/2010	Naphthalene	160	ug/Kg	U
SEE09141515PML1	9/14/2010	Naphthalene	160	ug/Kg	U
SEE09121436RCM1	9/12/2010	Naphthalene	160	ug/Kg	UJ
SEE09101625PML1	9/10/2010	Naphthalene	160	ug/Kg	UJ
SEE09051550MHS1	9/5/2010	Naphthalene	160	ug/Kg	U
SEE09030925PML1	9/3/2010	Naphthalene	160	ug/Kg	U
SEE09031100PML1	9/3/2010	Naphthalene	160	ug/Kg	U
SEE09021010PML1	9/2/2010	Naphthalene	160	ug/Kg	U
SEE08301550PML1	8/30/2010	Naphthalene	160	ug/Kg	U
SEE10191155JDF1	10/19/2010	Naphthalene	150	ug/Kg	U
SEE10191415JDF1	10/19/2010	Naphthalene	150	ug/Kg	U
SEE10191515JDF1	10/19/2010	Naphthalene	150	ug/Kg	U
SEE10101010PML1	10/10/2010	Naphthalene	150	ug/Kg	U
SEE10101215PML1	10/10/2010	Naphthalene	150	ug/Kg	U
SEE10101215PML1	10/10/2010	Naphthalene	150	ug/Kg	U
SEE10041138RCM1	10/4/2010	Naphthalene	150	ug/Kg	U
SEE09251135JDF1	9/25/2010	Naphthalene	150	ug/Kg	UJ
SEE09220935RCM1	9/22/2010	Naphthalene	150	ug/Kg	U
SEE09200945PML1	9/20/2010	Naphthalene	150	ug/Kg	U
SEE09200945PML1	9/20/2010	Naphthalene	150	ug/Kg	U
SEE09191040PML1	9/19/2010	Naphthalene	150	ug/Kg	U
SEE09191530PML1	9/19/2010	Naphthalene	150	ug/Kg	U
SEE09170839RCM1	9/17/2010	Naphthalene	150	ug/Kg	U
SEE09171415PML1	9/17/2010	Naphthalene	150	ug/Kg	U
SEE09151145PML1	9/15/2010	Naphthalene	150	ug/Kg	U
SEE09151145PML1	9/15/2010	Naphthalene	150	ug/Kg	U
SEE09140945PML1	9/14/2010	Naphthalene	150	ug/Kg	U
SEE09131445RCM1	9/13/2010	Naphthalene	150	ug/Kg	U
SEE09131505PML1	9/13/2010	Naphthalene	150	ug/Kg	U
SEE09091005RCM1	9/9/2010	Naphthalene	150	ug/Kg	U
SEE09091515PML1	9/9/2010	Naphthalene	150	ug/Kg	U
SEE09081010PML1	9/8/2010	Naphthalene	150	ug/Kg	U
SEE09081205PML1	9/8/2010	Naphthalene	150	ug/Kg	U
SEE09071050PML1	9/7/2010	Naphthalene	150	ug/Kg	UJ
SEE09061105PML1	9/6/2010	Naphthalene	150	ug/Kg	U
SEE09031140MHS1	9/3/2010	Naphthalene	150	ug/Kg	U
SEE09031650PML1	9/3/2010	Naphthalene	150	ug/Kg	U
SEE09031650PML1	9/3/2010	Naphthalene	150	ug/Kg	U
SEE10211010JWP1	10/21/2010	Naphthalene	140	ug/Kg	U
SEE10191100JDF1	10/19/2010	Naphthalene	140	ug/Kg	U
SEE10150945JDF1	10/15/2010	Naphthalene	140	ug/Kg	U
SEE10061640PML1	10/6/2010	Naphthalene	140	ug/Kg	U
SEE10061640PML1	10/6/2010	Naphthalene	140	ug/Kg	U
SEE10011120JDF1	10/1/2010	Naphthalene	140	ug/Kg	UJ
SEE09301205RCM1	9/30/2010	Naphthalene	140	ug/Kg	U
SEE09230955RCM1	9/23/2010	Naphthalene	140	ug/Kg	U
SEE09211155JDF1	9/21/2010	Naphthalene	140	ug/Kg	UJ
SEE09201115RCM1	9/20/2010	Naphthalene	140	ug/Kg	U
SEE09171445RCM1	9/17/2010	Naphthalene	140	ug/Kg	U

**TABLE B-2b**  
**Upstream Sediment Samples (Morrow Lake)**

Sample ID	Sample Date	Analyte	Result	Unit	Data Qualifier
SEE09151015PML1	9/15/2010	Naphthalene	140	ug/Kg	U
SEE09111015PML1	9/11/2010	Naphthalene	140	ug/Kg	UJ
SEE10221055DWS1	10/22/2010	Naphthalene	130	ug/Kg	U
SEE10191010JWP1	10/19/2010	Naphthalene	130	ug/Kg	U
SEE09250905RCM1	9/25/2010	Naphthalene	130	ug/Kg	UJ
SEE08261445JRP1	8/26/2010	Naphthalene	130	ug/Kg	U
SEE10161415JDF1	10/16/2010	Naphthalene	120	ug/Kg	U
SEE09211112RCM1	9/21/2010	Naphthalene	120	ug/Kg	UJ
SEE09291645JDF1	9/29/2010	Naphthalene	110	ug/Kg	UJ
SEE09141312RCM1	9/14/2010	Naphthalene	110	ug/Kg	U
SEE09130915JRP1	9/13/2010	Naphthalene	110	ug/Kg	U
SEE10171535ARM1	10/17/2010	Naphthalene	97	ug/Kg	J
SEE08311348MHS1	8/31/2010	Naphthalene	93	ug/Kg	U
SEE10071151RCM1	10/7/2010	Naphthalene	84	ug/Kg	U
SEE10151355ARM1	10/15/2010	Naphthalene	75	ug/Kg	J
SEE09051500MHS1	9/5/2010	Naphthalene	75	ug/Kg	U
SEE10031425JDF1	10/3/2010	Naphthalene	74	ug/Kg	J
SEE10221450DWS1	10/22/2010	Naphthalene	73	ug/Kg	U
SEE10141025ARM1	10/14/2010	Naphthalene	73	ug/Kg	UJ
SEE10071540PML1	10/7/2010	Naphthalene	69	ug/Kg	J
SEE10111350JDF1	10/11/2010	Naphthalene	63	ug/Kg	J
SEE10211345JWP1	10/21/2010	Naphthalene	62	ug/Kg	U
SEE09200945PML1	9/20/2010	Naphthalene	60	ug/Kg	U
SEE09200945PML1	9/20/2010	Naphthalene	60	ug/Kg	U
SEE10091200ARM1	10/9/2010	Naphthalene	59	ug/Kg	J
SEE09201115RCM1	9/20/2010	Naphthalene	58	ug/Kg	U
SEE10121415ARM1	10/12/2010	Naphthalene	55	ug/Kg	J
SEE10071205PML1	10/7/2010	Naphthalene	54	ug/Kg	J
SEE10040945JDF1	10/4/2010	Naphthalene	54	ug/Kg	J
SEE10071101PML1	10/7/2010	Naphthalene	53	ug/Kg	J
SEE08261700JRP1	8/26/2010	Naphthalene	53	ug/Kg	U
SEE10121030JDF1	10/12/2010	Naphthalene	52	ug/Kg	J
SEE09171125PML1	9/17/2010	Naphthalene	52	ug/Kg	J
SEE09100945RCM1	9/10/2010	Naphthalene	52	ug/Kg	UJ
SEE10111011JDF1	10/11/2010	Naphthalene	51	ug/Kg	J
SEE08301410JRP1	8/30/2010	Naphthalene	51	ug/Kg	U
SEE10011125ARM1	10/1/2010	Naphthalene	50	ug/Kg	UJ
SEE09290925JDF1	9/29/2010	Naphthalene	50	ug/Kg	J
SEE09221615JDF1	9/22/2010	Naphthalene	49	ug/Kg	J
SEE09211120ARM1	9/21/2010	Naphthalene	49	ug/Kg	UJ
SEE09201110ARM1	9/20/2010	Naphthalene	49	ug/Kg	U
SEE10061205PML1	10/6/2010	Naphthalene	48	ug/Kg	J
SEE10041335JDF1	10/4/2010	Naphthalene	48	ug/Kg	J
SEE09201645ARM1	9/20/2010	Naphthalene	48	ug/Kg	U
SEE08301015JRP1	8/30/2010	Naphthalene	48	ug/Kg	J
SEE10081035ARM1	10/8/2010	Naphthalene	47	ug/Kg	UJ
SEE09301105JDF1	9/30/2010	Naphthalene	47	ug/Kg	J
SEE09301255JDF1	9/30/2010	Naphthalene	47	ug/Kg	J
SEE09171200ARM1	9/17/2010	Naphthalene	47	ug/Kg	U
SEE09061130MHS1	9/6/2010	Naphthalene	47	ug/Kg	J
SEF10221050MAE3	10/22/2010	Naphthalene	46	ug/Kg	U
SEF10011045TDF1	10/1/2010	Naphthalene	46	ug/Kg	UJ
SEE09200911RCM1	9/20/2010	Naphthalene	46	ug/Kg	U
SEE09140945JRP1	9/14/2010	Naphthalene	46	ug/Kg	U
SEE08311010JRP1	8/31/2010	Naphthalene	46	ug/Kg	J
SEE08301520JRP1	8/30/2010	Naphthalene	46	ug/Kg	J
SEE10181430JWP1	10/18/2010	Naphthalene	45	ug/Kg	J
SEE10131150JDF1	10/13/2010	Naphthalene	45	ug/Kg	J
SEE10071042RCM1	10/7/2010	Naphthalene	45	ug/Kg	UJ
SEE09271500ARM1	9/27/2010	Naphthalene	45	ug/Kg	U

**TABLE B-2b**  
**Upstream Sediment Samples (Morrow Lake)**

Sample ID	Sample Date	Analyte	Result	Unit	Data Qualifier
SEE09231205RCM1	9/23/2010	Naphthalene	45	ug/Kg	U
SEE09061500PML1	9/6/2010	Naphthalene	45	ug/Kg	U
SEE09051015PML1	9/5/2010	Naphthalene	45	ug/Kg	J
SEF10191135NAC3	10/19/2010	Naphthalene	44	ug/Kg	U
SEE10091401PML1	10/9/2010	Naphthalene	44	ug/Kg	J
SEE10041355ARM1	10/4/2010	Naphthalene	44	ug/Kg	J
SEE09301255MAE1	9/30/2010	Naphthalene	44	ug/Kg	J
SEE09281445RCM1	9/28/2010	Naphthalene	44	ug/Kg	U
SEE09251235ARM1	9/25/2010	Naphthalene	44	ug/Kg	UJ
SEE09150915JRP1	9/15/2010	Naphthalene	44	ug/Kg	U
SEE09070930JRP1	9/7/2010	Naphthalene	44	ug/Kg	UJ
SEE08301100JRP1	8/30/2010	Naphthalene	44	ug/Kg	U
SEE08281607TWH1	8/28/2010	Naphthalene	44	ug/kg	U
SEE10181035JDF1	10/18/2010	Naphthalene	43	ug/Kg	J
SEE10120930JDF1	10/12/2010	Naphthalene	43	ug/Kg	J
SEF10081108TDF3	10/8/2010	Naphthalene	43	ug/Kg	UJ
SEE10041045ARM1	10/4/2010	Naphthalene	43	ug/Kg	U
SEE10041150JDF1	10/4/2010	Naphthalene	43	ug/Kg	J
SEE10011043RCM1	10/1/2010	Naphthalene	43	ug/Kg	UJ
SEE09271515JDF1	9/27/2010	Naphthalene	43	ug/Kg	J
SEE09231035ARM1	9/23/2010	Naphthalene	43	ug/Kg	U
SEE09170935RCM1	9/17/2010	Naphthalene	43	ug/Kg	U
SEE09130955JRP1	9/13/2010	Naphthalene	43	ug/Kg	J
SEE09131620PML1	9/13/2010	Naphthalene	43	ug/Kg	J
SEE10161115ARM1	10/16/2010	Naphthalene	42	ug/Kg	J
SEF10151030PMB3	10/15/2010	Naphthalene	42	ug/Kg	U
SEF10121130PMB3	10/12/2010	Naphthalene	42	ug/Kg	U
SEE10061051RCM1	10/6/2010	Naphthalene	42	ug/Kg	J
SEF10051206TDF3	10/5/2010	Naphthalene	42	ug/Kg	UJ
SEE09301105JDF1	9/30/2010	Naphthalene	42	ug/Kg	UJ
SEE09191445RCM1	9/19/2010	Naphthalene	42	ug/Kg	J
SEE09181705PML1	9/18/2010	Naphthalene	42	ug/Kg	U
SEE09100920JRP1	9/10/2010	Naphthalene	42	ug/Kg	UJ
SEE09051500JAW1	9/5/2010	Naphthalene	42	ug/Kg	U
SEB09011143JLS1	9/1/2010	Naphthalene	42	ug/Kg	U
SEE09011255PML1	9/1/2010	Naphthalene	42	ug/Kg	J
SEE08301445JRP1	8/30/2010	Naphthalene	42	ug/Kg	J
SEE10171115JDF1	10/17/2010	Naphthalene	41	ug/Kg	J
SEE10061135ARM1	10/6/2010	Naphthalene	41	ug/Kg	U
SEE10041050JDF1	10/4/2010	Naphthalene	41	ug/Kg	J
SEE09291035JDF1	9/29/2010	Naphthalene	41	ug/Kg	J
SEE09021400PML1	9/2/2010	Naphthalene	41	ug/Kg	U
SEE08301130PML1	8/30/2010	Naphthalene	41	ug/Kg	U
SEE10151055ARM1	10/15/2010	Naphthalene	40	ug/Kg	J
SEE10131035ARM1	10/13/2010	Naphthalene	40	ug/Kg	U
SEE10091401PML1	10/9/2010	Naphthalene	40	ug/Kg	U
SEE10071415ARM1	10/7/2010	Naphthalene	40	ug/Kg	J
SEE10051145RCM1	10/5/2010	Naphthalene	40	ug/Kg	UJ
SEE10051653PML1	10/5/2010	Naphthalene	40	ug/Kg	J
SEE09301025MAE1	9/30/2010	Naphthalene	40	ug/Kg	U
SEE09221045ARM1	9/22/2010	Naphthalene	40	ug/Kg	U
SEE09131026RCM1	9/13/2010	Naphthalene	40	ug/Kg	J
SEE09080930JRP1	9/8/2010	Naphthalene	40	ug/Kg	U
SEE09011515JAW1	9/1/2010	Naphthalene	40	ug/Kg	U
SEE10191115JWP1	10/19/2010	Naphthalene	39	ug/Kg	U
SEE10181035JDF1	10/18/2010	Naphthalene	39	ug/Kg	U
SEE10051125PML1	10/5/2010	Naphthalene	39	ug/Kg	UJ
SEF09281139TDF1	9/28/2010	Naphthalene	39	ug/Kg	U
SEE09271025ARM1	9/27/2010	Naphthalene	39	ug/Kg	J
SEE09271130JDF1	9/27/2010	Naphthalene	39	ug/Kg	J



**TABLE B-2b**  
**Upstream Sediment Samples (Morrow Lake)**

Sample ID	Sample Date	Analyte	Result	Unit	Data Qualifier
SEE08311045PML1	8/31/2010	Naphthalene	39	ug/Kg	UJ
SEE10141555ARM1	10/14/2010	Naphthalene	38	ug/Kg	U
SEE09201645ARM1	9/20/2010	Naphthalene	38	ug/Kg	J
SEE09101215PML1	9/10/2010	Naphthalene	38	ug/Kg	UJ
SEE08301638MHS1	8/30/2010	Naphthalene	38	ug/Kg	J
SEE10181030JWP1	10/18/2010	Naphthalene	37	ug/Kg	U
SEE10171410JDF1	10/17/2010	Naphthalene	37	ug/Kg	J
SEE10161530JDF1	10/16/2010	Naphthalene	37	ug/Kg	U
SEE10141555ARM1	10/14/2010	Naphthalene	37	ug/Kg	J
SEE10081115PML1	10/8/2010	Naphthalene	37	ug/Kg	U
SEE10071042RCM1	10/7/2010	Naphthalene	37	ug/Kg	J
SEE09170945PML1	9/17/2010	Naphthalene	37	ug/Kg	J
SEE09030925PML1	9/3/2010	Naphthalene	37	ug/Kg	UJ
SEE09031115JAW1	9/3/2010	Naphthalene	37	ug/Kg	UJ
SEE09011545PML1	9/1/2010	Naphthalene	37	ug/Kg	J
SEE08281505PML1	8/28/2010	Naphthalene	37	ug/kg	UJ
SEE10171410JDF1	10/17/2010	Naphthalene	36	ug/Kg	U
SEE10121155JDF1	10/12/2010	Naphthalene	36	ug/Kg	J
SEE09191530PML1	9/19/2010	Naphthalene	36	ug/Kg	U
SEE09181235PML1	9/18/2010	Naphthalene	36	ug/Kg	U
SEE09141135PML1	9/14/2010	Naphthalene	36	ug/Kg	UJ
SEE09130940PML1	9/13/2010	Naphthalene	36	ug/Kg	J
SEE09121450PML1	9/12/2010	Naphthalene	36	ug/Kg	J
SEE09101022PML1	9/10/2010	Naphthalene	36	ug/Kg	UJ
SEE09090900JRP1	9/9/2010	Naphthalene	36	ug/Kg	J
SEE09061610JAW1	9/6/2010	Naphthalene	36	ug/Kg	J
SEE09011545MHS1	9/1/2010	Naphthalene	36	ug/Kg	J
SEE10181210JDF1	10/18/2010	Naphthalene	35	ug/Kg	J
SEE10181510JDF1	10/18/2010	Naphthalene	35	ug/Kg	J
SEE10181510JDF1	10/18/2010	Naphthalene	35	ug/Kg	J
SEE10171115JDF1	10/17/2010	Naphthalene	35	ug/Kg	U
SEE10081231PML1	10/8/2010	Naphthalene	35	ug/Kg	J
SEE09221105JDF1	9/22/2010	Naphthalene	35	ug/Kg	J
SEE09161045PML1	9/16/2010	Naphthalene	35	ug/Kg	J
SEE09121055PML1	9/12/2010	Naphthalene	35	ug/Kg	J
SEE09121055PML1	9/12/2010	Naphthalene	35	ug/Kg	J
SEE09091605PML1	9/9/2010	Naphthalene	35	ug/Kg	J
SEE09061525MHS1	9/6/2010	Naphthalene	35	ug/Kg	J
SEE08311420PML1	8/31/2010	Naphthalene	35	ug/Kg	UJ
SEE08311420PML1	8/31/2010	Naphthalene	35	ug/Kg	UJ
SEE08271215PML1	8/27/2010	Naphthalene	35	ug/kg	UJ
SEE10161530JDF1	10/16/2010	Naphthalene	34	ug/Kg	J
SEE10111125JDF1	10/11/2010	Naphthalene	34	ug/Kg	J
SEE10041530JDF1	10/4/2010	Naphthalene	34	ug/Kg	UJ
SEE09121105RCM1	9/12/2010	Naphthalene	34	ug/Kg	U
SEE09011545PML1	9/1/2010	Naphthalene	34	ug/Kg	U
SEE08301550PML1	8/30/2010	Naphthalene	34	ug/Kg	U
SEE10181210JDF1	10/18/2010	Naphthalene	33	ug/Kg	U
SEE10181430JWP1	10/18/2010	Naphthalene	33	ug/Kg	U
SEE10181510JDF1	10/18/2010	Naphthalene	33	ug/Kg	U
SEE10181510JDF1	10/18/2010	Naphthalene	33	ug/Kg	U
SEE10161055JDF1	10/16/2010	Naphthalene	33	ug/Kg	J
SEE10131150JDF1	10/13/2010	Naphthalene	33	ug/Kg	U
SEE10101010PML1	10/10/2010	Naphthalene	33	ug/Kg	U
SEE10101215PML1	10/10/2010	Naphthalene	33	ug/Kg	U
SEE10101215PML1	10/10/2010	Naphthalene	33	ug/Kg	U
SEE10081051RCM1	10/8/2010	Naphthalene	33	ug/Kg	J
SEE09260930RCM1	9/26/2010	Naphthalene	33	ug/Kg	J
SEE09181705PML1	9/18/2010	Naphthalene	33	ug/Kg	J
SEE09171530PML1	9/17/2010	Naphthalene	33	ug/Kg	J

**TABLE B-2b**  
**Upstream Sediment Samples (Morrow Lake)**

Sample ID	Sample Date	Analyte	Result	Unit	Data Qualifier
SEE09140945PML1	9/14/2010	Naphthalene	33	ug/Kg	UJ
SEE09131125PML1	9/13/2010	Naphthalene	33	ug/Kg	J
SEE09061525MHS1	9/6/2010	Naphthalene	33	ug/Kg	U
SEE09051130PML1	9/5/2010	Naphthalene	33	ug/Kg	U
SEE09031100PML1	9/3/2010	Naphthalene	33	ug/Kg	UJ
SEE09021010PML1	9/2/2010	Naphthalene	33	ug/Kg	U
SEE08301530JAW1	8/30/2010	Naphthalene	33	ug/Kg	J
SEE08281630RCM1	8/28/2010	Naphthalene	33	ug/kg	UJ
SEE10141015JDF1	10/14/2010	Naphthalene	32	ug/Kg	J
SEE10141550JDF1	10/14/2010	Naphthalene	32	ug/Kg	J
SEE10141550JDF1	10/14/2010	Naphthalene	32	ug/Kg	J
SEE10091614PML1	10/9/2010	Naphthalene	32	ug/Kg	J
SEE10031115JDF1	10/3/2010	Naphthalene	32	ug/Kg	U
SEE10031115JDF1	10/3/2010	Naphthalene	32	ug/Kg	U
SEE09301205RCM1	9/30/2010	Naphthalene	32	ug/Kg	UJ
SEE09301255JDF1	9/30/2010	Naphthalene	32	ug/Kg	UJ
SEE09231645JDF1	9/23/2010	Naphthalene	32	ug/Kg	U
SEE09221440JDF1	9/22/2010	Naphthalene	32	ug/Kg	J
SEE09141515PML1	9/14/2010	Naphthalene	32	ug/Kg	UJ
SEE09101625PML1	9/10/2010	Naphthalene	32	ug/Kg	UJ
SEE09091005RCM1	9/9/2010	Naphthalene	32	ug/Kg	U
SEE09061105PML1	9/6/2010	Naphthalene	32	ug/Kg	U
SEE09051130PML1	9/5/2010	Naphthalene	32	ug/Kg	J
SEE09031650PML1	9/3/2010	Naphthalene	32	ug/Kg	UJ
SEE09031650PML1	9/3/2010	Naphthalene	32	ug/Kg	UJ
SEE09011050PML1	9/1/2010	Naphthalene	32	ug/Kg	J
SEE08301145MHS1	8/30/2010	Naphthalene	32	ug/Kg	J
SEE10081231PML1	10/8/2010	Naphthalene	31	ug/Kg	U
SEE10051415ARM1	10/5/2010	Naphthalene	31	ug/Kg	J
SEE09231210JDF1	9/23/2010	Naphthalene	31	ug/Kg	U
SEE09161035RCM1	9/16/2010	Naphthalene	31	ug/Kg	J
SEE09161045PML1	9/16/2010	Naphthalene	31	ug/Kg	U
SEE09081205PML1	9/8/2010	Naphthalene	31	ug/Kg	U
SEE09071050PML1	9/7/2010	Naphthalene	31	ug/Kg	U
SEE08311045PML1	8/31/2010	Naphthalene	31	ug/Kg	J
SEE08301145MHS1	8/30/2010	Naphthalene	31	ug/Kg	U
SEE10170915JDF1	10/17/2010	Naphthalene	30	ug/Kg	J
SEE10161115ARM1	10/16/2010	Naphthalene	30	ug/Kg	U
SEE10141150JDF1	10/14/2010	Naphthalene	30	ug/Kg	J
SEE10120930JDF1	10/12/2010	Naphthalene	30	ug/Kg	U
SEE10071101PML1	10/7/2010	Naphthalene	30	ug/Kg	UJ
SEE09261625JDF1	9/26/2010	Naphthalene	30	ug/Kg	U
SEE09261625JDF1	9/26/2010	Naphthalene	30	ug/Kg	U
SEE09131445RCM1	9/13/2010	Naphthalene	30	ug/Kg	U
SEE09121055PML1	9/12/2010	Naphthalene	30	ug/Kg	U
SEE09121055PML1	9/12/2010	Naphthalene	30	ug/Kg	U
SEE09121436RCM1	9/12/2010	Naphthalene	30	ug/Kg	U
SEE09091025JRP1	9/9/2010	Naphthalene	30	ug/Kg	J
SEE09091410PML1	9/9/2010	Naphthalene	30	ug/Kg	J
SEE09091410RCM1	9/9/2010	Naphthalene	30	ug/Kg	U
SEE09041350PML1	9/4/2010	Naphthalene	30	ug/Kg	J
SEE09011050PML1	9/1/2010	Naphthalene	30	ug/Kg	U
SEE09011145PML1	9/1/2010	Naphthalene	30	ug/Kg	J
SEE10081051RCM1	10/8/2010	Naphthalene	29	ug/Kg	U
SEE10061640PML1	10/6/2010	Naphthalene	29	ug/Kg	U
SEE10061640PML1	10/6/2010	Naphthalene	29	ug/Kg	U
SEE10051653PML1	10/5/2010	Naphthalene	29	ug/Kg	UJ
SEE10031115JDF1	10/3/2010	Naphthalene	29	ug/Kg	J
SEE10031115JDF1	10/3/2010	Naphthalene	29	ug/Kg	J
SEE09261215JDF1	9/26/2010	Naphthalene	29	ug/Kg	J

**TABLE B-2b**  
**Upstream Sediment Samples (Morrow Lake)**

Sample ID	Sample Date	Analyte	Result	Unit	Data Qualifier
SEE09261215JDF1	9/26/2010	Naphthalene	29	ug/Kg	U
SEE09231130ARM1	9/23/2010	Naphthalene	29	ug/Kg	U
SEE09191040PML1	9/19/2010	Naphthalene	29	ug/Kg	U
SEE09131026RCM1	9/13/2010	Naphthalene	29	ug/Kg	U
SEE09131505PML1	9/13/2010	Naphthalene	29	ug/Kg	U
SEE09040950PML1	9/4/2010	Naphthalene	29	ug/Kg	J
SEE09040950PML1	9/4/2010	Naphthalene	29	ug/Kg	U
SEE10011120JDF1	10/1/2010	Naphthalene	28	ug/Kg	UJ
SEE09291135JDF1	9/29/2010	Naphthalene	28	ug/Kg	J
SEE09261625JDF1	9/26/2010	Naphthalene	28	ug/Kg	J
SEE09261625JDF1	9/26/2010	Naphthalene	28	ug/Kg	J
SEE09211155JDF1	9/21/2010	Naphthalene	28	ug/Kg	UJ
SEE09211530JDF1	9/21/2010	Naphthalene	28	ug/Kg	J
SEE09171415PML1	9/17/2010	Naphthalene	28	ug/Kg	UJ
SEE09151145PML1	9/15/2010	Naphthalene	28	ug/Kg	U
SEE09151145PML1	9/15/2010	Naphthalene	28	ug/Kg	U
SEE09131620PML1	9/13/2010	Naphthalene	28	ug/Kg	U
SEE09121450PML1	9/12/2010	Naphthalene	28	ug/Kg	U
SEE09091010PML1	9/9/2010	Naphthalene	28	ug/Kg	J
SEE09091515PML1	9/9/2010	Naphthalene	28	ug/Kg	U
SEE09081010PML1	9/8/2010	Naphthalene	28	ug/Kg	U
SEE09081020RCM1	9/8/2010	Naphthalene	28	ug/Kg	U
SEE09011255PML1	9/1/2010	Naphthalene	28	ug/Kg	U
SEE08301015JRP1	8/30/2010	Naphthalene	28	ug/Kg	U
SEE08261420RCM1	8/26/2010	Naphthalene	28	ug/kg	U
SEE10091614PML1	10/9/2010	Naphthalene	27	ug/Kg	U
SEE10061205PML1	10/6/2010	Naphthalene	27	ug/Kg	U
SEE10041150JDF1	10/4/2010	Naphthalene	27	ug/Kg	UJ
SEE09251135JDF1	9/25/2010	Naphthalene	27	ug/Kg	U
SEE09221440JDF1	9/22/2010	Naphthalene	27	ug/Kg	U
SEE09170839RCM1	9/17/2010	Naphthalene	27	ug/Kg	UJ
SEE09151015PML1	9/15/2010	Naphthalene	27	ug/Kg	U
SEE08291110PML1	8/29/2010	Naphthalene	27	ug/kg	U
SEE10141150JDF1	10/14/2010	Naphthalene	26	ug/Kg	U
SEE10141550JDF1	10/14/2010	Naphthalene	26	ug/Kg	U
SEE10141550JDF1	10/14/2010	Naphthalene	26	ug/Kg	U
SEE10121155JDF1	10/12/2010	Naphthalene	26	ug/Kg	U
SEE09271130JDF1	9/27/2010	Naphthalene	26	ug/Kg	U
SEE09131125PML1	9/13/2010	Naphthalene	26	ug/Kg	U
SEE09091010PML1	9/9/2010	Naphthalene	26	ug/Kg	U
SEE09091145PML1	9/9/2010	Naphthalene	26	ug/Kg	J
SEE09091145PML1	9/9/2010	Naphthalene	26	ug/Kg	U
SEE09091410PML1	9/9/2010	Naphthalene	26	ug/Kg	U
SEE09061130MHS1	9/6/2010	Naphthalene	26	ug/Kg	U
SEE09031115JAW1	9/3/2010	Naphthalene	26	ug/Kg	J
SEE09011145PML1	9/1/2010	Naphthalene	26	ug/Kg	U
SEE08301638MHS1	8/30/2010	Naphthalene	26	ug/Kg	U
SEE10151055ARM1	10/15/2010	Naphthalene	25	ug/Kg	UJ
SEE10121415ARM1	10/12/2010	Naphthalene	25	ug/Kg	U
SEE10111125JDF1	10/11/2010	Naphthalene	25	ug/Kg	U
SEE10031425JDF1	10/3/2010	Naphthalene	25	ug/Kg	U
SEE09291035JDF1	9/29/2010	Naphthalene	25	ug/Kg	U
SEE09220935RCM1	9/22/2010	Naphthalene	25	ug/Kg	U
SEE09111015PML1	9/11/2010	Naphthalene	25	ug/Kg	U
SEE09051015PML1	9/5/2010	Naphthalene	25	ug/Kg	U
SEE08301445JRP1	8/30/2010	Naphthalene	25	ug/Kg	U
SEE10161415JDF1	10/16/2010	Naphthalene	24	ug/Kg	U
SEE10040945JDF1	10/4/2010	Naphthalene	24	ug/Kg	UJ
SEE09290915MAE1	9/29/2010	Naphthalene	24	ug/Kg	J
SEE09230955RCM1	9/23/2010	Naphthalene	24	ug/Kg	U

**TABLE B-2b**  
**Upstream Sediment Samples (Morrow Lake)**

Sample ID	Sample Date	Analyte	Result	Unit	Data Qualifier
SEE09211530JDF1	9/21/2010	Naphthalene	24	ug/Kg	UJ
SEE09170945PML1	9/17/2010	Naphthalene	24	ug/Kg	UJ
SEE09171125PML1	9/17/2010	Naphthalene	24	ug/Kg	UJ
SEE09130955JRP1	9/13/2010	Naphthalene	24	ug/Kg	U
SEE09091605PML1	9/9/2010	Naphthalene	24	ug/Kg	U
SEE09041350PML1	9/4/2010	Naphthalene	24	ug/Kg	U
SEE10071205PML1	10/7/2010	Naphthalene	23	ug/Kg	UJ
SEE10071540PML1	10/7/2010	Naphthalene	23	ug/Kg	UJ
SEE10041335JDF1	10/4/2010	Naphthalene	23	ug/Kg	UJ
SEE09271025ARM1	9/27/2010	Naphthalene	23	ug/Kg	U
SEE09231130ARM1	9/23/2010	Naphthalene	23	ug/Kg	J
SEE09171530PML1	9/17/2010	Naphthalene	23	ug/Kg	UJ
SEE09051430PML1	9/5/2010	Naphthalene	23	ug/Kg	U
SEE08271500PML1	8/27/2010	Naphthalene	23	ug/kg	UJ
SEE10150945JDF1	10/15/2010	Naphthalene	22	ug/Kg	UJ
SEE10111011JDF1	10/11/2010	Naphthalene	22	ug/Kg	U
SEE10111350JDF1	10/11/2010	Naphthalene	22	ug/Kg	U
SEE10061051RCM1	10/6/2010	Naphthalene	22	ug/Kg	U
SEE10041355ARM1	10/4/2010	Naphthalene	22	ug/Kg	UJ
SEE09271515JDF1	9/27/2010	Naphthalene	22	ug/Kg	U
SEE09221105JDF1	9/22/2010	Naphthalene	22	ug/Kg	U
SEE09130940PML1	9/13/2010	Naphthalene	22	ug/Kg	U
SEE08281215PML1	8/28/2010	Naphthalene	22	ug/kg	U
SEE10121030JDF1	10/12/2010	Naphthalene	21	ug/Kg	U
SEE09290925JDF1	9/29/2010	Naphthalene	21	ug/Kg	U
SEE09091025JRP1	9/9/2010	Naphthalene	21	ug/Kg	U
SEE09011635PML1	9/1/2010	Naphthalene	21	ug/Kg	U
SEE08301520JRP1	8/30/2010	Naphthalene	21	ug/Kg	U
SEE08281420TWH1	8/28/2010	Naphthalene	21	ug/kg	U
SEE08261445JRP1	8/26/2010	Naphthalene	21	ug/Kg	U
SEE10161055JDF1	10/16/2010	Naphthalene	20	ug/Kg	U
SEE10151355ARM1	10/15/2010	Naphthalene	20	ug/Kg	UJ
SEE10071415ARM1	10/7/2010	Naphthalene	20	ug/Kg	UJ
SEE09031140MHS1	9/3/2010	Naphthalene	20	ug/Kg	UJ
SEE08291421KAP1	8/29/2010	Naphthalene	20	ug/kg	U
SEE08271145RCM1	8/27/2010	Naphthalene	20	ug/kg	UJ
SEE10041050JDF1	10/4/2010	Naphthalene	19	ug/Kg	UJ
SEE09301255MAE1	9/30/2010	Naphthalene	19	ug/Kg	UJ
SEE09291645JDF1	9/29/2010	Naphthalene	19	ug/Kg	U
SEE09051550MHS1	9/5/2010	Naphthalene	19	ug/Kg	U
SEE09031645MHS1	9/3/2010	Naphthalene	19	ug/Kg	UJ
SEE10041138RCM1	10/4/2010	Naphthalene	18	ug/Kg	UJ
SEE09221615JDF1	9/22/2010	Naphthalene	18	ug/Kg	U
SEE09191445RCM1	9/19/2010	Naphthalene	18	ug/Kg	U
SEE08311010JRP1	8/31/2010	Naphthalene	18	ug/Kg	UJ
SEE08300920JRP1	8/30/2010	Naphthalene	18	ug/Kg	J
SEE09250905RCM1	9/25/2010	Naphthalene	17	ug/Kg	U
SEE09200911RCM1	9/20/2010	Naphthalene	17	ug/Kg	U
SEE09090900JRP1	9/9/2010	Naphthalene	17	ug/Kg	U
SEE09011545MHS1	9/1/2010	Naphthalene	17	ug/Kg	U
SEE08281510TWH1	8/28/2010	Naphthalene	17	ug/kg	U
SEE10170915JDF1	10/17/2010	Naphthalene	16	ug/Kg	U
SEE09291135JDF1	9/29/2010	Naphthalene	16	ug/Kg	U
SEE09260930RCM1	9/26/2010	Naphthalene	16	ug/Kg	U
SEE09201110ARM1	9/20/2010	Naphthalene	15	ug/Kg	U
SEE08301530JAW1	8/30/2010	Naphthalene	15	ug/Kg	U
SEE08291550KAP1	8/29/2010	Naphthalene	15	ug/kg	U
SEE10071151RCM1	10/7/2010	Naphthalene	14	ug/Kg	UJ
SEE09211112RCM1	9/21/2010	Naphthalene	14	ug/Kg	UJ
SEE08311348MHS1	8/31/2010	Naphthalene	14	ug/Kg	UJ

**TABLE B-2b**  
**Upstream Sediment Samples (Morrow Lake)**

Sample ID	Sample Date	Analyte	Result	Unit	Data Qualifier
SEE08300920JRP1	8/30/2010	Naphthalene	14	ug/Kg	U
SEE08261620RCM1	8/26/2010	Naphthalene	14	ug/kg	U
SEE10141025ARM1	10/14/2010	Naphthalene	12	ug/Kg	U
SEE09130915JRP1	9/13/2010	Naphthalene	12	ug/Kg	U
SEE10091200ARM1	10/9/2010	Naphthalene	11	ug/Kg	U
SEE09291023RCM1	9/29/2010	Naphthalene	11	ug/Kg	U
SEE09171445RCM1	9/17/2010	Naphthalene	11	ug/Kg	UJ
SEE09161035RCM1	9/16/2010	Naphthalene	11	ug/Kg	U
SEE10121040ARM1	10/12/2010	Naphthalene	10	ug/Kg	J
SEE09141312RCM1	9/14/2010	Naphthalene	10	ug/Kg	UJ
SEE08291445PML1	8/29/2010	Naphthalene	10	ug/kg	U
SEE10071045ARM1	10/7/2010	Naphthalene	9.3	ug/Kg	J
SEE08291354KAP1	8/29/2010	Naphthalene	9.3	ug/kg	U
SEE10051415ARM1	10/5/2010	Naphthalene	8.7	ug/Kg	UJ
SEE09061610JAW1	9/6/2010	Naphthalene	8.5	ug/Kg	U
SEE10011125ARM1	10/1/2010	Naphthalene	8.2	ug/Kg	UJ
SEE08261700JRP1	8/26/2010	Naphthalene	8.2	ug/Kg	U
SEE09051500MHS1	9/5/2010	Naphthalene	8.0	ug/Kg	U
SEE10171535ARM1	10/17/2010	Naphthalene	7.9	ug/Kg	U
SEE09231035ARM1	9/23/2010	Naphthalene	7.9	ug/Kg	U
SEE09171200ARM1	9/17/2010	Naphthalene	7.9	ug/Kg	UJ
SEE08271614TWH1	8/27/2010	Naphthalene	7.8	ug/kg	U
SEE10081035ARM1	10/8/2010	Naphthalene	7.6	ug/Kg	U
SEE08271652TWH1	8/27/2010	Naphthalene	7.6	ug/kg	U
SEE09100945RCM1	9/10/2010	Naphthalene	7.5	ug/Kg	UJ
SEE09211120ARM1	9/21/2010	Naphthalene	7.4	ug/Kg	UJ
SEB09011143JLS1	9/1/2010	Naphthalene	7.1	ug/Kg	U
SEE08301410JRP1	8/30/2010	Naphthalene	7.0	ug/Kg	U
SEE09281445RCM1	9/28/2010	Naphthalene	6.5	ug/Kg	U
SEE08271536TWH1	8/27/2010	Naphthalene	6.3	ug/kg	U
SEE09271500ARM1	9/27/2010	Naphthalene	6.2	ug/Kg	U
SEE09170935RCM1	9/17/2010	Naphthalene	6.1	ug/Kg	UJ
SEF10011045TDF1	10/1/2010	Naphthalene	6.0	ug/Kg	UJ
SEE09150915JRP1	9/15/2010	Naphthalene	6.0	ug/Kg	U
SEE10011043RCM1	10/1/2010	Naphthalene	5.8	ug/Kg	UJ
SEE09290915MAE1	9/29/2010	Naphthalene	5.8	ug/Kg	U
SEE10131035ARM1	10/13/2010	Naphthalene	5.5	ug/Kg	U
SEE10071045ARM1	10/7/2010	Naphthalene	5.5	ug/Kg	UJ
SEE10041045ARM1	10/4/2010	Naphthalene	5.5	ug/Kg	UJ
SEF10151030PMB3	10/15/2010	Naphthalene	5.4	ug/Kg	UJ
SEF10081108TDF3	10/8/2010	Naphthalene	5.4	ug/Kg	U
SEE09251235ARM1	9/25/2010	Naphthalene	5.4	ug/Kg	U
SEE08281540JRP1	8/28/2010	Naphthalene	5.4	ug/kg	U
SEF10051206TDF3	10/5/2010	Naphthalene	5.3	ug/Kg	UJ
SEE09140945JRP1	9/14/2010	Naphthalene	5.3	ug/Kg	UJ
SEE09080930JRP1	9/8/2010	Naphthalene	5.3	ug/Kg	U
SEE09011515JAW1	9/1/2010	Naphthalene	5.3	ug/Kg	U
SEE08301100JRP1	8/30/2010	Naphthalene	5.3	ug/Kg	U
SEE10121040ARM1	10/12/2010	Naphthalene	5.2	ug/Kg	U
SEF10121130PMB3	10/12/2010	Naphthalene	5.2	ug/Kg	U
SEE09221045ARM1	9/22/2010	Naphthalene	5.2	ug/Kg	U
SEE09100920JRP1	9/10/2010	Naphthalene	5.1	ug/Kg	UJ
SEB08281400JLS1	8/28/2010	Naphthalene	5.1	ug/kg	U
SEE09301025MAE1	9/30/2010	Naphthalene	5.0	ug/Kg	UJ
SEE09051500JAW1	9/5/2010	Naphthalene	5.0	ug/Kg	U
SEE10051145RCM1	10/5/2010	Naphthalene	4.9	ug/Kg	UJ
SEE09070930JRP1	9/7/2010	Naphthalene	4.9	ug/Kg	U
SEE10061135ARM1	10/6/2010	Naphthalene	4.8	ug/Kg	U
SEE10181030JWP1	10/18/2010	Naphthalene	4.6	ug/Kg	U
SEF09281139TDF1	9/28/2010	Naphthalene	4.3	ug/Kg	U

**TABLE B-2b**  
**Upstream Sediment Samples (Morrow Lake)**

Sample ID	Sample Date	Analyte	Result	Unit	Data Qualifier
SEE09231205RCM1	9/23/2010	Naphthalene	3.3	ug/Kg	U
SEE08271445JRP1	8/27/2010	Naphthalene	2.8	ug/kg	UJ
ML-07-S-081810	8/18/2010	Naphthalene	0.37	mg/Kg	UJ
ML-06-S-082310	8/23/2010	Naphthalene	0.33	mg/Kg	U
ML-04-S-081710	8/17/2010	Naphthalene	0.32	mg/Kg	U
ML-04-S-082610	8/26/2010	Naphthalene	0.31	mg/Kg	U
ML-10-S-081910	8/19/2010	Naphthalene	0.31	mg/Kg	U
ML-10-S-081910	8/19/2010	Naphthalene	0.31	mg/Kg	U
ML-09-S-081810	8/18/2010	Naphthalene	0.31	mg/Kg	UJ
ML-06-S-081710	8/17/2010	Naphthalene	0.31	mg/Kg	U
ML-10-S-082610	8/26/2010	Naphthalene	0.30	mg/Kg	U
ML-10-S-082610	8/26/2010	Naphthalene	0.30	mg/Kg	U
ML-01-S-081910	8/19/2010	Naphthalene	0.27	mg/Kg	U
ML-02-S-081710	8/17/2010	Naphthalene	0.24	mg/Kg	U
ML-06-S-082510	8/25/2010	Naphthalene	0.18	mg/Kg	U
ML-08-S-082110	8/21/2010	Naphthalene	0.17	mg/Kg	U
ML-07-S-081610	8/16/2010	Naphthalene	0.17	mg/Kg	U
ML-08-S-081610	8/16/2010	Naphthalene	0.17	mg/Kg	U
ML-06-S-082010	8/20/2010	Naphthalene	0.16	mg/Kg	U
ML-10-S-082410	8/24/2010	Naphthalene	0.15	mg/Kg	UJ
ML-10-S-082410	8/24/2010	Naphthalene	0.15	mg/Kg	UJ
ML-10-S-081610	8/16/2010	Naphthalene	0.15	mg/Kg	U
ML-10-S-081610	8/16/2010	Naphthalene	0.15	mg/Kg	U
ML-03-S-082010	8/20/2010	Naphthalene	0.023	mg/Kg	J
ML-03-S-081610	8/16/2010	Naphthalene	0.023	mg/Kg	J
ML-04-S-082410	8/24/2010	Naphthalene	0.022	mg/Kg	J
ML-05-S-081710	8/17/2010	Naphthalene	0.021	mg/Kg	J
ML-03-S-082510	8/25/2010	Naphthalene	0.020	mg/Kg	J
ML-02-S-082510	8/25/2010	Naphthalene	0.019	mg/Kg	J
ML-03-S-082310	8/23/2010	Naphthalene	0.019	mg/Kg	J
ML-07-S-082410	8/24/2010	Naphthalene	0.017	mg/Kg	J
ML-05-S-082310	8/23/2010	Naphthalene	0.017	mg/Kg	J
ML-01-S-081610	8/16/2010	Naphthalene	0.017	mg/Kg	J
ML-05-S-082010	8/20/2010	Naphthalene	0.016	mg/Kg	J
ML-01-S-082510	8/25/2010	Naphthalene	0.015	mg/Kg	J
ML-02-S-082310	8/23/2010	Naphthalene	0.015	mg/Kg	J
ML-07-S-082110	8/21/2010	Naphthalene	0.015	mg/Kg	J
ML-04-S-082010	8/20/2010	Naphthalene	0.015	mg/Kg	J
ML-02-S-082010	8/20/2010	Naphthalene	0.013	mg/Kg	J
ML-09-S-082410	8/24/2010	Naphthalene	0.012	mg/Kg	J
ML-05-S-082610	8/26/2010	Naphthalene	0.010	mg/Kg	J
ML-07-S-082510	8/25/2010	Naphthalene	0.010	mg/Kg	J
ML-08-S-082510	8/25/2010	Naphthalene	0.010	mg/Kg	J
ML-08-S-082410	8/24/2010	Naphthalene	0.0099	mg/Kg	J
ML-09-S-082110	8/21/2010	Naphthalene	0.0092	mg/Kg	J
ML-10-S-082110	8/21/2010	Naphthalene	0.0088	mg/Kg	J
ML-10-S-082110	8/21/2010	Naphthalene	0.0088	mg/Kg	J
ML-01-S-082110	8/21/2010	Naphthalene	0.0087	mg/Kg	J
ML-09-S-082510	8/25/2010	Naphthalene	0.0086	mg/Kg	J
SEE08291421KAP1	8/29/2010	Nickel	117000	ug/kg	
SEE10121415ARM1	10/12/2010	Nickel	100000	ug/Kg	B
SEE10151055ARM1	10/15/2010	Nickel	94000	ug/Kg	J
SEE10181430JWP1	10/18/2010	Nickel	81000	ug/Kg	
SEE10141555ARM1	10/14/2010	Nickel	78000	ug/Kg	
SEE09301205RCM1	9/30/2010	Nickel	78000	ug/Kg	B
SEE10151355ARM1	10/15/2010	Nickel	70000	ug/Kg	J
SEE08301015JRP1	8/30/2010	Nickel	70000	ug/Kg	
SEE08301445JRP1	8/30/2010	Nickel	66000	ug/Kg	
SEE10071415ARM1	10/7/2010	Nickel	62000	ug/Kg	
SEE08301520JRP1	8/30/2010	Nickel	60000	ug/Kg	

**TABLE B-2b**  
**Upstream Sediment Samples (Morrow Lake)**

Sample ID	Sample Date	Analyte	Result	Unit	Data Qualifier
SEE08281420TWH1	8/28/2010	Nickel	57500	ug/kg	
SEE10091200ARM1	10/9/2010	Nickel	56000	ug/Kg	
SEE10161115ARM1	10/16/2010	Nickel	46000	ug/Kg	B
SEE09090900JRP1	9/9/2010	Nickel	44000	ug/Kg	J
SEE10171535ARM1	10/17/2010	Nickel	42000	ug/Kg	B
SEE09061130MHS1	9/6/2010	Nickel	39000	ug/Kg	
SEE09011545MHS1	9/1/2010	Nickel	35000	ug/Kg	B
SEE08281505PML1	8/28/2010	Nickel	33100	ug/kg	
SEE10061051RCM1	10/6/2010	Nickel	32000	ug/Kg	B
SEE09091005RCM1	9/9/2010	Nickel	32000	ug/Kg	J
SEE08301530JAW1	8/30/2010	Nickel	32000	ug/Kg	
SEE08271145RCM1	8/27/2010	Nickel	31500	ug/kg	
SEE08281630RCM1	8/28/2010	Nickel	31200	ug/kg	
SEE10081051RCM1	10/8/2010	Nickel	31000	ug/Kg	
SEE10041138RCM1	10/4/2010	Nickel	31000	ug/Kg	B
SEE09260930RCM1	9/26/2010	Nickel	31000	ug/Kg	
SEE09191445RCM1	9/19/2010	Nickel	31000	ug/Kg	B
SEE09170839RCM1	9/17/2010	Nickel	31000	ug/Kg	
SEE08281510TWH1	8/28/2010	Nickel	31000	ug/kg	
SEE09141312RCM1	9/14/2010	Nickel	30000	ug/Kg	
SEE09091010PML1	9/9/2010	Nickel	30000	ug/Kg	J
SEE09091025JRP1	9/9/2010	Nickel	30000	ug/Kg	J
SEE10071042RCM1	10/7/2010	Nickel	29000	ug/Kg	
SEE10031425JDF1	10/3/2010	Nickel	29000	ug/Kg	B
SEE09220935RCM1	9/22/2010	Nickel	29000	ug/Kg	
SEE09130955JRP1	9/13/2010	Nickel	29000	ug/Kg	J
SEE09131026RCM1	9/13/2010	Nickel	29000	ug/Kg	J
SEE08300920JRP1	8/30/2010	Nickel	29000	ug/Kg	
SEE08281607TWH1	8/28/2010	Nickel	28800	ug/kg	
SEE08281215PML1	8/28/2010	Nickel	28500	ug/kg	
SEE10161055JDF1	10/16/2010	Nickel	28000	ug/Kg	B
SEE10120930JDF1	10/12/2010	Nickel	28000	ug/Kg	B
SEE10071205PML1	10/7/2010	Nickel	28000	ug/Kg	
SEE09271025ARM1	9/27/2010	Nickel	28000	ug/Kg	J
SEE09230955RCM1	9/23/2010	Nickel	28000	ug/Kg	
SEE08261420RCM1	8/26/2010	Nickel	27200	ug/kg	
SEE08271215PML1	8/27/2010	Nickel	27100	ug/kg	
SEE09291023RCM1	9/29/2010	Nickel	27000	ug/Kg	
SEE09271130JDF1	9/27/2010	Nickel	27000	ug/Kg	J
SEE09201115RCM1	9/20/2010	Nickel	27000	ug/Kg	B
SEE09161035RCM1	9/16/2010	Nickel	27000	ug/Kg	B
SEE09130940PML1	9/13/2010	Nickel	27000	ug/Kg	J
SEE09121436RCM1	9/12/2010	Nickel	27000	ug/Kg	
SEE09101215PML1	9/10/2010	Nickel	27000	ug/Kg	
SEE09081020RCM1	9/8/2010	Nickel	27000	ug/Kg	B
SEE09051550MHS1	9/5/2010	Nickel	27000	ug/Kg	
SEE09040950PML1	9/4/2010	Nickel	27000	ug/Kg	
SEE09011050PML1	9/1/2010	Nickel	27000	ug/Kg	B
SEE08311010JRP1	8/31/2010	Nickel	27000	ug/Kg	
SEE08261445JRP1	8/26/2010	Nickel	27000	ug/Kg	B
SEE10040945JDF1	10/4/2010	Nickel	26000	ug/Kg	B
SEE09271515JDF1	9/27/2010	Nickel	26000	ug/Kg	J
SEE09231130ARM1	9/23/2010	Nickel	26000	ug/Kg	
SEE09121450PML1	9/12/2010	Nickel	26000	ug/Kg	
SEE09091410PML1	9/9/2010	Nickel	26000	ug/Kg	J
SEE09031115JAW1	9/3/2010	Nickel	26000	ug/Kg	J
SEE09021010PML1	9/2/2010	Nickel	26000	ug/Kg	
SEE09011145PML1	9/1/2010	Nickel	26000	ug/Kg	B
SEE09011545PML1	9/1/2010	Nickel	26000	ug/Kg	B
SEE08301638MHS1	8/30/2010	Nickel	26000	ug/Kg	

**TABLE B-2b**  
**Upstream Sediment Samples (Morrow Lake)**

Sample ID	Sample Date	Analyte	Result	Unit	Data Qualifier
SEE10150945JDF1	10/15/2010	Nickel	25000	ug/Kg	J
SEE10141025ARM1	10/14/2010	Nickel	25000	ug/Kg	
SEE10111011JDF1	10/11/2010	Nickel	25000	ug/Kg	
SEE10091401PML1	10/9/2010	Nickel	25000	ug/Kg	
SEE10041355ARM1	10/4/2010	Nickel	25000	ug/Kg	B
SEE09261215JDF1	9/26/2010	Nickel	25000	ug/Kg	
SEE09201645ARM1	9/20/2010	Nickel	25000	ug/Kg	B
SEE09181235PML1	9/18/2010	Nickel	25000	ug/Kg	
SEE09161045PML1	9/16/2010	Nickel	25000	ug/Kg	B
SEE09141135PML1	9/14/2010	Nickel	25000	ug/Kg	
SEE09131125PML1	9/13/2010	Nickel	25000	ug/Kg	J
SEE09131445RCM1	9/13/2010	Nickel	25000	ug/Kg	J
SEE09131505PML1	9/13/2010	Nickel	25000	ug/Kg	J
SEE09031140MHS1	9/3/2010	Nickel	25000	ug/Kg	J
SEE08311045PML1	8/31/2010	Nickel	25000	ug/Kg	
SEE08301130PML1	8/30/2010	Nickel	25000	ug/Kg	
SEE08261620RCM1	8/26/2010	Nickel	24700	ug/kg	
SEE08291550KAP1	8/29/2010	Nickel	24600	ug/kg	
SEE08271500PML1	8/27/2010	Nickel	24500	ug/kg	
SEE10171410JDF1	10/17/2010	Nickel	24000	ug/Kg	B
SEE10111125JDF1	10/11/2010	Nickel	24000	ug/Kg	
SEE10051125PML1	10/5/2010	Nickel	24000	ug/Kg	B
SEE09301105JDF1	9/30/2010	Nickel	24000	ug/Kg	B
SEE09301255MAE1	9/30/2010	Nickel	24000	ug/Kg	B
SEE09221105JDF1	9/22/2010	Nickel	24000	ug/Kg	
SEE09221440JDF1	9/22/2010	Nickel	24000	ug/Kg	
SEE09211155JDF1	9/21/2010	Nickel	24000	ug/Kg	
SEE09211530JDF1	9/21/2010	Nickel	24000	ug/Kg	
SEE09170945PML1	9/17/2010	Nickel	24000	ug/Kg	
SEE09171415PML1	9/17/2010	Nickel	24000	ug/Kg	
SEE09171445RCM1	9/17/2010	Nickel	24000	ug/Kg	
SEE09101022PML1	9/10/2010	Nickel	24000	ug/Kg	
SEE09101625PML1	9/10/2010	Nickel	24000	ug/Kg	
SEE09051130PML1	9/5/2010	Nickel	24000	ug/Kg	
SEE09021400PML1	9/2/2010	Nickel	24000	ug/Kg	
SEE08301145MHS1	8/30/2010	Nickel	24000	ug/Kg	
SEE10161415JDF1	10/16/2010	Nickel	23000	ug/Kg	B
SEE10161530JDF1	10/16/2010	Nickel	23000	ug/Kg	B
SEE10131150JDF1	10/13/2010	Nickel	23000	ug/Kg	J
SEE09250905RCM1	9/25/2010	Nickel	23000	ug/Kg	
SEE09251135JDF1	9/25/2010	Nickel	23000	ug/Kg	
SEE09231645JDF1	9/23/2010	Nickel	23000	ug/Kg	
SEE09191040PML1	9/19/2010	Nickel	23000	ug/Kg	B
SEE09181705PML1	9/18/2010	Nickel	23000	ug/Kg	
SEE09171125PML1	9/17/2010	Nickel	23000	ug/Kg	
SEE09091145PML1	9/9/2010	Nickel	23000	ug/Kg	J
SEE09061500PML1	9/6/2010	Nickel	23000	ug/Kg	
SEE09051015PML1	9/5/2010	Nickel	23000	ug/Kg	
SEE09030925PML1	9/3/2010	Nickel	23000	ug/Kg	J
SEE10141015JDF1	10/14/2010	Nickel	22000	ug/Kg	
SEE10081115PML1	10/8/2010	Nickel	22000	ug/Kg	
SEE10081231PML1	10/8/2010	Nickel	22000	ug/Kg	
SEE10071101PML1	10/7/2010	Nickel	22000	ug/Kg	
SEE10011120JDF1	10/1/2010	Nickel	22000	ug/Kg	
SEE09291035JDF1	9/29/2010	Nickel	22000	ug/Kg	
SEE09141515PML1	9/14/2010	Nickel	22000	ug/Kg	
SEE09091410RCM1	9/9/2010	Nickel	22000	ug/Kg	J
SEE09091515PML1	9/9/2010	Nickel	22000	ug/Kg	J
SEE09071050PML1	9/7/2010	Nickel	22000	ug/Kg	
SEE09041350PML1	9/4/2010	Nickel	22000	ug/Kg	



**TABLE B-2b**  
**Upstream Sediment Samples (Morrow Lake)**

Sample ID	Sample Date	Analyte	Result	Unit	Data Qualifier
SEE08301550PML1	8/30/2010	Nickel	22000	ug/Kg	
SEE10171115JDF1	10/17/2010	Nickel	21000	ug/Kg	B
SEE10111350JDF1	10/11/2010	Nickel	21000	ug/Kg	
SEE10101010PML1	10/10/2010	Nickel	21000	ug/Kg	
SEE10091614PML1	10/9/2010	Nickel	21000	ug/Kg	
SEE10071540PML1	10/7/2010	Nickel	21000	ug/Kg	
SEE10051653PML1	10/5/2010	Nickel	21000	ug/Kg	B
SEE10041050JDF1	10/4/2010	Nickel	21000	ug/Kg	B
SEE10041150JDF1	10/4/2010	Nickel	21000	ug/Kg	B
SEE09191530PML1	9/19/2010	Nickel	21000	ug/Kg	B
SEE09171530PML1	9/17/2010	Nickel	21000	ug/Kg	
SEE09140945PML1	9/14/2010	Nickel	21000	ug/Kg	
SEE09131620PML1	9/13/2010	Nickel	21000	ug/Kg	J
SEE09121105RCM1	9/12/2010	Nickel	21000	ug/Kg	
SEE09111015PML1	9/11/2010	Nickel	21000	ug/Kg	B
SEE09091605PML1	9/9/2010	Nickel	21000	ug/Kg	J
SEE09081010PML1	9/8/2010	Nickel	21000	ug/Kg	B
SEE09061525MHS1	9/6/2010	Nickel	21000	ug/Kg	
SEE09051430PML1	9/5/2010	Nickel	21000	ug/Kg	
SEE09031645MHS1	9/3/2010	Nickel	21000	ug/Kg	J
SEE10181035JDF1	10/18/2010	Nickel	20000	ug/Kg	
SEE10181210JDF1	10/18/2010	Nickel	20000	ug/Kg	
SEE10121155JDF1	10/12/2010	Nickel	20000	ug/Kg	B
SEE10101215PML1	10/10/2010	Nickel	20000	ug/Kg	
SEE10101215PML1	10/10/2010	Nickel	20000	ug/Kg	
SEE09301255JDF1	9/30/2010	Nickel	20000	ug/Kg	B
SEE09290925JDF1	9/29/2010	Nickel	20000	ug/Kg	
SEE09261625JDF1	9/26/2010	Nickel	20000	ug/Kg	
SEE09261625JDF1	9/26/2010	Nickel	20000	ug/Kg	
SEE09221615JDF1	9/22/2010	Nickel	20000	ug/Kg	
SEE09151015PML1	9/15/2010	Nickel	20000	ug/Kg	B V
SEE09121055PML1	9/12/2010	Nickel	20000	ug/Kg	
SEE09121055PML1	9/12/2010	Nickel	20000	ug/Kg	
SEE09081205PML1	9/8/2010	Nickel	20000	ug/Kg	B
SEE09031100PML1	9/3/2010	Nickel	20000	ug/Kg	J
SEE09031650PML1	9/3/2010	Nickel	20000	ug/Kg	J
SEE09031650PML1	9/3/2010	Nickel	20000	ug/Kg	J
SEE09011255PML1	9/1/2010	Nickel	20000	ug/Kg	B
SEE09011635PML1	9/1/2010	Nickel	20000	ug/Kg	B
SEE08311420PML1	8/31/2010	Nickel	20000	ug/Kg	
SEE08311420PML1	8/31/2010	Nickel	20000	ug/Kg	
SEE10141150JDF1	10/14/2010	Nickel	19000	ug/Kg	
SEE10141550JDF1	10/14/2010	Nickel	19000	ug/Kg	
SEE10141550JDF1	10/14/2010	Nickel	19000	ug/Kg	
SEE10121030JDF1	10/12/2010	Nickel	19000	ug/Kg	B
SEE10061205PML1	10/6/2010	Nickel	19000	ug/Kg	B
SEE10061640PML1	10/6/2010	Nickel	19000	ug/Kg	B
SEE10061640PML1	10/6/2010	Nickel	19000	ug/Kg	B
SEE10041335JDF1	10/4/2010	Nickel	19000	ug/Kg	B
SEE10041530JDF1	10/4/2010	Nickel	19000	ug/Kg	B
SEE10031115JDF1	10/3/2010	Nickel	19000	ug/Kg	B
SEE10031115JDF1	10/3/2010	Nickel	19000	ug/Kg	B
SEE09231210JDF1	9/23/2010	Nickel	19000	ug/Kg	
SEE09211112RCM1	9/21/2010	Nickel	19000	ug/Kg	
SEE09151145PML1	9/15/2010	Nickel	19000	ug/Kg	B
SEE09151145PML1	9/15/2010	Nickel	19000	ug/Kg	B
SEE08301410JRP1	8/30/2010	Nickel	19000	ug/Kg	
SEE10170915JDF1	10/17/2010	Nickel	18000	ug/Kg	B
SEE09200945PML1	9/20/2010	Nickel	18000	ug/Kg	B
SEE09200945PML1	9/20/2010	Nickel	18000	ug/Kg	B

**TABLE B-2b**  
**Upstream Sediment Samples (Morrow Lake)**

Sample ID	Sample Date	Analyte	Result	Unit	Data Qualifier
SEE09061105PML1	9/6/2010	Nickel	18000	ug/Kg	
SEE08311348MHS1	8/31/2010	Nickel	18000	ug/Kg	
SEE10181510JDF1	10/18/2010	Nickel	17000	ug/Kg	
SEE10181510JDF1	10/18/2010	Nickel	17000	ug/Kg	
SEE09061610JAW1	9/6/2010	Nickel	17000	ug/Kg	
SEE08291354KAP1	8/29/2010	Nickel	15700	ug/kg	
SEE08291110PML1	8/29/2010	Nickel	15100	ug/kg	
SEE10011125ARM1	10/1/2010	Nickel	15000	ug/Kg	
SEE08271614TWH1	8/27/2010	Nickel	14900	ug/kg	
SEE10071045ARM1	10/7/2010	Nickel	13000	ug/Kg	
SEE09130915JRP1	9/13/2010	Nickel	13000	ug/Kg	J
SEE10061135ARM1	10/6/2010	Nickel	11000	ug/Kg	B
SEE10051415ARM1	10/5/2010	Nickel	11000	ug/Kg	B
SEE09291135JDF1	9/29/2010	Nickel	11000	ug/Kg	
SEE09291645JDF1	9/29/2010	Nickel	11000	ug/Kg	
SEE09231205RCM1	9/23/2010	Nickel	11000	ug/Kg	
SEE10071151RCM1	10/7/2010	Nickel	10000	ug/Kg	
SEE08291445PML1	8/29/2010	Nickel	10000	ug/kg	
SEE08271652TWH1	8/27/2010	Nickel	8550	ug/kg	
SEE09290915MAE1	9/29/2010	Nickel	8500	ug/Kg	
SEE08281540JRP1	8/28/2010	Nickel	8280	ug/kg	
SEE09051500MHS1	9/5/2010	Nickel	8000	ug/Kg	
SEE09201110ARM1	9/20/2010	Nickel	7900	ug/Kg	B
SEE09251235ARM1	9/25/2010	Nickel	7200	ug/Kg	
SEE09051500JAW1	9/5/2010	Nickel	7200	ug/Kg	
SEE08261700JRP1	8/26/2010	Nickel	6800	ug/Kg	B
SEE09171200ARM1	9/17/2010	Nickel	6500	ug/Kg	
SEE10121040ARM1	10/12/2010	Nickel	6400	ug/Kg	B
SEE09150915JRP1	9/15/2010	Nickel	6400	ug/Kg	B
SEE08271445JRP1	8/27/2010	Nickel	6160	ug/kg	
SEF09281139TDF1	9/28/2010	Nickel	6000	ug/Kg	B
SEE09100920JRP1	9/10/2010	Nickel	5900	ug/Kg	
SEE09231035ARM1	9/23/2010	Nickel	5800	ug/Kg	
SEE09100945RCM1	9/10/2010	Nickel	5800	ug/Kg	
SEE10181030JWP1	10/18/2010	Nickel	5700	ug/Kg	
SEE10131035ARM1	10/13/2010	Nickel	5700	ug/Kg	J
SEE09271500ARM1	9/27/2010	Nickel	5700	ug/Kg	J
SEE09221045ARM1	9/22/2010	Nickel	5700	ug/Kg	
SEE09211120ARM1	9/21/2010	Nickel	5400	ug/Kg	
SEE09140945JRP1	9/14/2010	Nickel	5400	ug/Kg	
SEE09080930JRP1	9/8/2010	Nickel	5400	ug/Kg	B
SEE10041045ARM1	10/4/2010	Nickel	5200	ug/Kg	B
SEE09301025MAE1	9/30/2010	Nickel	5100	ug/Kg	B
SEE08271536TWH1	8/27/2010	Nickel	4920	ug/kg	
SEE09011515JAW1	9/1/2010	Nickel	4800	ug/Kg	B
SEB08281400JLS1	8/28/2010	Nickel	4750	ug/kg	
SEE09070930JRP1	9/7/2010	Nickel	4400	ug/Kg	
SEE08301100JRP1	8/30/2010	Nickel	4400	ug/Kg	
SEE10081035ARM1	10/8/2010	Nickel	4300	ug/Kg	
SEE09170935RCM1	9/17/2010	Nickel	4200	ug/Kg	
SEE09200911RCM1	9/20/2010	Nickel	3700	ug/Kg	B
SEE09281445RCM1	9/28/2010	Nickel	3600	ug/Kg	B
SEB09011143JLS1	9/1/2010	Nickel	3600	ug/Kg	B
SEE10011043RCM1	10/1/2010	Nickel	3200	ug/Kg	
SEE10051145RCM1	10/5/2010	Nickel	3000	ug/Kg	B
SEF10011045TDF1	10/1/2010	Nickel	3000	ug/Kg	
SEF10081108TDF3	10/8/2010	Nickel	2900	ug/Kg	
SEF10051206TDF3	10/5/2010	Nickel	2400	ug/Kg	B
SEF10121130PMB3	10/12/2010	Nickel	2200	ug/Kg	B
SEF10151030PMB3	10/15/2010	Nickel	1500	ug/Kg	J

**TABLE B-2b**  
**Upstream Sediment Samples (Morrow Lake)**

Sample ID	Sample Date	Analyte	Result	Unit	Data Qualifier
SOTF-E-Q-37.08-L01-0.4-0.7	9/9/2010	Nickel	56	mg/kg	
SOTF-E-Q-36.87-L01-0.9-1.5	9/10/2010	Nickel	34	mg/kg	
SOTF-E-Q-36.82-L01-0.4-0.8	9/10/2010	Nickel	33	mg/kg	
SOTF-E-Q-37.08-L01-0.0-0.4	9/9/2010	Nickel	28	mg/kg	
SOTF-E-Q-37.05-L02-0.0-0.5	9/8/2010	Nickel	23	mg/kg	
SOTF-E-Q-37.05-L02-0.5-1.1	9/8/2010	Nickel	22	mg/kg	
SOTF-E-Q-36.82-L01-0.8-1.3	9/10/2010	Nickel	20	mg/kg	
SOTF-E-Q-36.97-L02-0.5-1.1	9/9/2010	Nickel	18	mg/kg	
SOTF-E-Q-36.97-L02-0.0-0.5	9/9/2010	Nickel	18	mg/kg	
SOTF-E-Q-37.15-L01-0.0-0.7	9/8/2010	Nickel	18	mg/kg	
SOTF-E-Q-36.82-L01-0.0-0.4	9/10/2010	Nickel	13	mg/kg	
SOTF-E-Q-36.87-L01-0.0-0.5	9/10/2010	Nickel	12	mg/kg	
SOTF-E-Q-36.87-L01-0.5-0.9	9/10/2010	Nickel	7.2	mg/kg	
SOTF-E-Q-37.08-L01-0.7-1.0	9/9/2010	Nickel	7.1	mg/kg	
SOTF-E-Q-37.15-L01-0.7-1.4	9/8/2010	Nickel	6.3	mg/kg	
SEE08271145RCM1	8/27/2010	Nitrobenzene	1600	ug/kg	U
SEE08261620RCM1	8/26/2010	Nitrobenzene	1400	ug/kg	U
SEE08261420RCM1	8/26/2010	Nitrobenzene	1200	ug/kg	U
SEE10211035JDF1	10/21/2010	Nitrobenzene	960	ug/Kg	UJ
SEE10191005JDF1	10/19/2010	Nitrobenzene	880	ug/Kg	U
SEE10211430JDF1	10/21/2010	Nitrobenzene	860	ug/Kg	U
SEE10221110JDF1	10/22/2010	Nitrobenzene	830	ug/Kg	U
SEE10221110JDF1	10/22/2010	Nitrobenzene	830	ug/Kg	U
SEE08281607TWH1	8/28/2010	Nitrobenzene	830	ug/kg	U
SEE08281630RCM1	8/28/2010	Nitrobenzene	830	ug/kg	U
SEE10191515JDF1	10/19/2010	Nitrobenzene	820	ug/Kg	U
SEE10191415JDF1	10/19/2010	Nitrobenzene	790	ug/Kg	U
SEE10191155JDF1	10/19/2010	Nitrobenzene	780	ug/Kg	U
SEE10211010JWP1	10/21/2010	Nitrobenzene	770	ug/Kg	U
SEE10191100JDF1	10/19/2010	Nitrobenzene	740	ug/Kg	U
SEE08281505PML1	8/28/2010	Nitrobenzene	730	ug/kg	U
SEE08271215PML1	8/27/2010	Nitrobenzene	720	ug/kg	U
SEE10221055DWS1	10/22/2010	Nitrobenzene	710	ug/Kg	U
SEE10191010JWP1	10/19/2010	Nitrobenzene	690	ug/Kg	U
SEE08271614TWH1	8/27/2010	Nitrobenzene	690	ug/kg	U
SEE08271500PML1	8/27/2010	Nitrobenzene	660	ug/kg	U
SEE09011635PML1	9/1/2010	Nitrobenzene	600	ug/Kg	U
SEE09051430PML1	9/5/2010	Nitrobenzene	590	ug/Kg	U
SEE08291110PML1	8/29/2010	Nitrobenzene	590	ug/kg	U
SEE08281215PML1	8/28/2010	Nitrobenzene	570	ug/kg	U
SEE08281420TWH1	8/28/2010	Nitrobenzene	570	ug/kg	U
SEE08281510TWH1	8/28/2010	Nitrobenzene	540	ug/kg	U
SEE08291421KAP1	8/29/2010	Nitrobenzene	510	ug/kg	U
SEE08271652TWH1	8/27/2010	Nitrobenzene	500	ug/kg	U
SEE08291550KAP1	8/29/2010	Nitrobenzene	410	ug/kg	U
SEE10221450DWS1	10/22/2010	Nitrobenzene	390	ug/Kg	U
SEE10211345JWP1	10/21/2010	Nitrobenzene	330	ug/Kg	U
SEE08291354KAP1	8/29/2010	Nitrobenzene	330	ug/kg	U
SEE08291445PML1	8/29/2010	Nitrobenzene	270	ug/kg	U
SEF10221050MAE3	10/22/2010	Nitrobenzene	240	ug/Kg	U
SEF10191135NAC3	10/19/2010	Nitrobenzene	240	ug/Kg	U
SEE08271445JRP1	8/27/2010	Nitrobenzene	230	ug/kg	U
SEE08271536TWH1	8/27/2010	Nitrobenzene	220	ug/kg	U
SEE10191115JWP1	10/19/2010	Nitrobenzene	210	ug/Kg	U
SEB08281400JLS1	8/28/2010	Nitrobenzene	210	ug/kg	U
SEE08281540JRP1	8/28/2010	Nitrobenzene	210	ug/kg	U
SEE10051125PML1	10/5/2010	Nitrobenzene	180	ug/Kg	U
SEE09301105JDF1	9/30/2010	Nitrobenzene	180	ug/Kg	U
SEE09061500PML1	9/6/2010	Nitrobenzene	180	ug/Kg	U
SEE09021400PML1	9/2/2010	Nitrobenzene	180	ug/Kg	U

**TABLE B-2b**  
**Upstream Sediment Samples (Morrow Lake)**

Sample ID	Sample Date	Analyte	Result	Unit	Data Qualifier
SEE08301130PML1	8/30/2010	Nitrobenzene	180	ug/Kg	U
SEE10171410JDF1	10/17/2010	Nitrobenzene	170	ug/Kg	U
SEE10131150JDF1	10/13/2010	Nitrobenzene	170	ug/Kg	U
SEE10081115PML1	10/8/2010	Nitrobenzene	170	ug/Kg	U
SEE09301255JDF1	9/30/2010	Nitrobenzene	170	ug/Kg	U
SEE09231645JDF1	9/23/2010	Nitrobenzene	170	ug/Kg	U
SEE09181235PML1	9/18/2010	Nitrobenzene	170	ug/Kg	U
SEE09141135PML1	9/14/2010	Nitrobenzene	170	ug/Kg	U
SEE09121105RCM1	9/12/2010	Nitrobenzene	170	ug/Kg	UJ
SEE09101022PML1	9/10/2010	Nitrobenzene	170	ug/Kg	UJ
SEE09101215PML1	9/10/2010	Nitrobenzene	170	ug/Kg	UJ
SEE09091410RCM1	9/9/2010	Nitrobenzene	170	ug/Kg	U
SEE09081020RCM1	9/8/2010	Nitrobenzene	170	ug/Kg	U
SEE09031645MHS1	9/3/2010	Nitrobenzene	170	ug/Kg	U
SEE09011545MHS1	9/1/2010	Nitrobenzene	170	ug/Kg	U
SEE09011545PML1	9/1/2010	Nitrobenzene	170	ug/Kg	U
SEE08311420PML1	8/31/2010	Nitrobenzene	170	ug/Kg	U
SEE08311420PML1	8/31/2010	Nitrobenzene	170	ug/Kg	U
SEE10181035JDF1	10/18/2010	Nitrobenzene	160	ug/Kg	U
SEE10091401PML1	10/9/2010	Nitrobenzene	160	ug/Kg	UJ
SEE10091614PML1	10/9/2010	Nitrobenzene	160	ug/Kg	UJ
SEE10051653PML1	10/5/2010	Nitrobenzene	160	ug/Kg	U
SEE10041530JDF1	10/4/2010	Nitrobenzene	160	ug/Kg	U
SEE09291023RCM1	9/29/2010	Nitrobenzene	160	ug/Kg	U
SEE09231210JDF1	9/23/2010	Nitrobenzene	160	ug/Kg	U
SEE09141515PML1	9/14/2010	Nitrobenzene	160	ug/Kg	U
SEE09131026RCM1	9/13/2010	Nitrobenzene	160	ug/Kg	U
SEE09121436RCM1	9/12/2010	Nitrobenzene	160	ug/Kg	UJ
SEE09101625PML1	9/10/2010	Nitrobenzene	160	ug/Kg	UJ
SEE09061525MHS1	9/6/2010	Nitrobenzene	160	ug/Kg	U
SEE09051130PML1	9/5/2010	Nitrobenzene	160	ug/Kg	U
SEE09051550MHS1	9/5/2010	Nitrobenzene	160	ug/Kg	U
SEE09030925PML1	9/3/2010	Nitrobenzene	160	ug/Kg	U
SEE09031100PML1	9/3/2010	Nitrobenzene	160	ug/Kg	U
SEE09021010PML1	9/2/2010	Nitrobenzene	160	ug/Kg	U
SEE08301550PML1	8/30/2010	Nitrobenzene	160	ug/Kg	U
SEE08301638MHS1	8/30/2010	Nitrobenzene	160	ug/Kg	U
SEE10181510JDF1	10/18/2010	Nitrobenzene	150	ug/Kg	U
SEE10181510JDF1	10/18/2010	Nitrobenzene	150	ug/Kg	U
SEE10171115JDF1	10/17/2010	Nitrobenzene	150	ug/Kg	U
SEE10141015JDF1	10/14/2010	Nitrobenzene	150	ug/Kg	UJ
SEE10141150JDF1	10/14/2010	Nitrobenzene	150	ug/Kg	UJ
SEE10141555ARM1	10/14/2010	Nitrobenzene	150	ug/Kg	UJ
SEE10121155JDF1	10/12/2010	Nitrobenzene	150	ug/Kg	U
SEE10101010PML1	10/10/2010	Nitrobenzene	150	ug/Kg	U
SEE10101215PML1	10/10/2010	Nitrobenzene	150	ug/Kg	U
SEE10101215PML1	10/10/2010	Nitrobenzene	150	ug/Kg	U
SEE10081051RCM1	10/8/2010	Nitrobenzene	150	ug/Kg	U
SEE10061051RCM1	10/6/2010	Nitrobenzene	150	ug/Kg	U
SEE10061205PML1	10/6/2010	Nitrobenzene	150	ug/Kg	U
SEE10041138RCM1	10/4/2010	Nitrobenzene	150	ug/Kg	U
SEE10031115JDF1	10/3/2010	Nitrobenzene	150	ug/Kg	UJ
SEE10031115JDF1	10/3/2010	Nitrobenzene	150	ug/Kg	UJ
SEE09260930RCM1	9/26/2010	Nitrobenzene	150	ug/Kg	U
SEE09261625JDF1	9/26/2010	Nitrobenzene	150	ug/Kg	U
SEE09261625JDF1	9/26/2010	Nitrobenzene	150	ug/Kg	U
SEE09251135JDF1	9/25/2010	Nitrobenzene	150	ug/Kg	U
SEE09220935RCM1	9/22/2010	Nitrobenzene	150	ug/Kg	U
SEE09200945PML1	9/20/2010	Nitrobenzene	150	ug/Kg	U
SEE09200945PML1	9/20/2010	Nitrobenzene	150	ug/Kg	U

**TABLE B-2b**  
**Upstream Sediment Samples (Morrow Lake)**

Sample ID	Sample Date	Analyte	Result	Unit	Data Qualifier
SEE09191040PML1	9/19/2010	Nitrobenzene	150	ug/Kg	U
SEE09191445RCM1	9/19/2010	Nitrobenzene	150	ug/Kg	U
SEE09191530PML1	9/19/2010	Nitrobenzene	150	ug/Kg	U
SEE09181705PML1	9/18/2010	Nitrobenzene	150	ug/Kg	U
SEE09170839RCM1	9/17/2010	Nitrobenzene	150	ug/Kg	U
SEE09171415PML1	9/17/2010	Nitrobenzene	150	ug/Kg	U
SEE09161045PML1	9/16/2010	Nitrobenzene	150	ug/Kg	U
SEE09151145PML1	9/15/2010	Nitrobenzene	150	ug/Kg	U
SEE09151145PML1	9/15/2010	Nitrobenzene	150	ug/Kg	U
SEE09140945PML1	9/14/2010	Nitrobenzene	150	ug/Kg	U
SEE09131445RCM1	9/13/2010	Nitrobenzene	150	ug/Kg	U
SEE09131505PML1	9/13/2010	Nitrobenzene	150	ug/Kg	U
SEE09121055PML1	9/12/2010	Nitrobenzene	150	ug/Kg	UJ
SEE09121055PML1	9/12/2010	Nitrobenzene	150	ug/Kg	UJ
SEE09091005RCM1	9/9/2010	Nitrobenzene	150	ug/Kg	U
SEE09091515PML1	9/9/2010	Nitrobenzene	150	ug/Kg	U
SEE09081010PML1	9/8/2010	Nitrobenzene	150	ug/Kg	U
SEE09081205PML1	9/8/2010	Nitrobenzene	150	ug/Kg	U
SEE09071050PML1	9/7/2010	Nitrobenzene	150	ug/Kg	UJ
SEE09061105PML1	9/6/2010	Nitrobenzene	150	ug/Kg	U
SEE09031140MHS1	9/3/2010	Nitrobenzene	150	ug/Kg	U
SEE09031650PML1	9/3/2010	Nitrobenzene	150	ug/Kg	U
SEE09031650PML1	9/3/2010	Nitrobenzene	150	ug/Kg	U
SEE08311045PML1	8/31/2010	Nitrobenzene	150	ug/Kg	U
SEE08301145MHS1	8/30/2010	Nitrobenzene	150	ug/Kg	U
SEE10181210JDF1	10/18/2010	Nitrobenzene	140	ug/Kg	U
SEE10181430JWP1	10/18/2010	Nitrobenzene	140	ug/Kg	U
SEE10161115ARM1	10/16/2010	Nitrobenzene	140	ug/Kg	U
SEE10161530JDF1	10/16/2010	Nitrobenzene	140	ug/Kg	U
SEE10150945JDF1	10/15/2010	Nitrobenzene	140	ug/Kg	U
SEE10141550JDF1	10/14/2010	Nitrobenzene	140	ug/Kg	UJ
SEE10141550JDF1	10/14/2010	Nitrobenzene	140	ug/Kg	UJ
SEE10120930JDF1	10/12/2010	Nitrobenzene	140	ug/Kg	U
SEE10081231PML1	10/8/2010	Nitrobenzene	140	ug/Kg	U
SEE10071042RCM1	10/7/2010	Nitrobenzene	140	ug/Kg	U
SEE10071101PML1	10/7/2010	Nitrobenzene	140	ug/Kg	U
SEE10061640PML1	10/6/2010	Nitrobenzene	140	ug/Kg	U
SEE10061640PML1	10/6/2010	Nitrobenzene	140	ug/Kg	U
SEE10041150JDF1	10/4/2010	Nitrobenzene	140	ug/Kg	U
SEE10011120JDF1	10/1/2010	Nitrobenzene	140	ug/Kg	UJ
SEE09301205RCM1	9/30/2010	Nitrobenzene	140	ug/Kg	U
SEE09271130JDF1	9/27/2010	Nitrobenzene	140	ug/Kg	U
SEE09261215JDF1	9/26/2010	Nitrobenzene	140	ug/Kg	U
SEE09230955RCM1	9/23/2010	Nitrobenzene	140	ug/Kg	U
SEE09221440JDF1	9/22/2010	Nitrobenzene	140	ug/Kg	U
SEE09211155JDF1	9/21/2010	Nitrobenzene	140	ug/Kg	U
SEE09201115RCM1	9/20/2010	Nitrobenzene	140	ug/Kg	U
SEE09171445RCM1	9/17/2010	Nitrobenzene	140	ug/Kg	U
SEE09161035RCM1	9/16/2010	Nitrobenzene	140	ug/Kg	U
SEE09151015PML1	9/15/2010	Nitrobenzene	140	ug/Kg	U
SEE09131620PML1	9/13/2010	Nitrobenzene	140	ug/Kg	UJ
SEE09121450PML1	9/12/2010	Nitrobenzene	140	ug/Kg	UJ
SEE09111015PML1	9/11/2010	Nitrobenzene	140	ug/Kg	UJ
SEE09040950PML1	9/4/2010	Nitrobenzene	140	ug/Kg	U
SEE09011050PML1	9/1/2010	Nitrobenzene	140	ug/Kg	U
SEE08301520JRP1	8/30/2010	Nitrobenzene	140	ug/Kg	U
SEE10111125JDF1	10/11/2010	Nitrobenzene	130	ug/Kg	U
SEE10031425JDF1	10/3/2010	Nitrobenzene	130	ug/Kg	UJ
SEE09291035JDF1	9/29/2010	Nitrobenzene	130	ug/Kg	U
SEE09250905RCM1	9/25/2010	Nitrobenzene	130	ug/Kg	U

**TABLE B-2b**  
**Upstream Sediment Samples (Morrow Lake)**

Sample ID	Sample Date	Analyte	Result	Unit	Data Qualifier
SEE09211530JDF1	9/21/2010	Nitrobenzene	130	ug/Kg	U
SEE09170945PML1	9/17/2010	Nitrobenzene	130	ug/Kg	U
SEE09171125PML1	9/17/2010	Nitrobenzene	130	ug/Kg	U
SEE09130940PML1	9/13/2010	Nitrobenzene	130	ug/Kg	U
SEE09131125PML1	9/13/2010	Nitrobenzene	130	ug/Kg	U
SEE09091145PML1	9/9/2010	Nitrobenzene	130	ug/Kg	U
SEE09091410PML1	9/9/2010	Nitrobenzene	130	ug/Kg	U
SEE09091605PML1	9/9/2010	Nitrobenzene	130	ug/Kg	U
SEE09061130MHS1	9/6/2010	Nitrobenzene	130	ug/Kg	U
SEE09051015PML1	9/5/2010	Nitrobenzene	130	ug/Kg	U
SEE09041350PML1	9/4/2010	Nitrobenzene	130	ug/Kg	U
SEE09011255PML1	9/1/2010	Nitrobenzene	130	ug/Kg	U
SEE08301445JRP1	8/30/2010	Nitrobenzene	130	ug/Kg	U
SEE08261445JRP1	8/26/2010	Nitrobenzene	130	ug/Kg	U
SEE10161055JDF1	10/16/2010	Nitrobenzene	120	ug/Kg	U
SEE10161415JDF1	10/16/2010	Nitrobenzene	120	ug/Kg	U
SEE10151055ARM1	10/15/2010	Nitrobenzene	120	ug/Kg	U
SEE10121415ARM1	10/12/2010	Nitrobenzene	120	ug/Kg	U
SEE10111011JDF1	10/11/2010	Nitrobenzene	120	ug/Kg	U
SEE10111350JDF1	10/11/2010	Nitrobenzene	120	ug/Kg	U
SEE10071205PML1	10/7/2010	Nitrobenzene	120	ug/Kg	U
SEE10071540PML1	10/7/2010	Nitrobenzene	120	ug/Kg	U
SEE09301255MAE1	9/30/2010	Nitrobenzene	120	ug/Kg	U
SEE09290925JDF1	9/29/2010	Nitrobenzene	120	ug/Kg	U
SEE09271515JDF1	9/27/2010	Nitrobenzene	120	ug/Kg	U
SEE09221105JDF1	9/22/2010	Nitrobenzene	120	ug/Kg	U
SEE09221615JDF1	9/22/2010	Nitrobenzene	120	ug/Kg	U
SEE09211112RCM1	9/21/2010	Nitrobenzene	120	ug/Kg	U
SEE09201645ARM1	9/20/2010	Nitrobenzene	120	ug/Kg	U
SEE09171530PML1	9/17/2010	Nitrobenzene	120	ug/Kg	U
SEE09091010PML1	9/9/2010	Nitrobenzene	120	ug/Kg	U
SEE09091025JRP1	9/9/2010	Nitrobenzene	120	ug/Kg	U
SEE09031115JAW1	9/3/2010	Nitrobenzene	120	ug/Kg	U
SEE09011145PML1	9/1/2010	Nitrobenzene	120	ug/Kg	U
SEE08301015JRP1	8/30/2010	Nitrobenzene	120	ug/Kg	U
SEE08301530JAW1	8/30/2010	Nitrobenzene	120	ug/Kg	U
SEE10121030JDF1	10/12/2010	Nitrobenzene	110	ug/Kg	U
SEE10040945JDF1	10/4/2010	Nitrobenzene	110	ug/Kg	U
SEE10041050JDF1	10/4/2010	Nitrobenzene	110	ug/Kg	U
SEE10041335JDF1	10/4/2010	Nitrobenzene	110	ug/Kg	U
SEE09291645JDF1	9/29/2010	Nitrobenzene	110	ug/Kg	U
SEE09271025ARM1	9/27/2010	Nitrobenzene	110	ug/Kg	U
SEE09231130ARM1	9/23/2010	Nitrobenzene	110	ug/Kg	U
SEE09141312RCM1	9/14/2010	Nitrobenzene	110	ug/Kg	U
SEE09130955JRP1	9/13/2010	Nitrobenzene	110	ug/Kg	U
SEE10151355ARM1	10/15/2010	Nitrobenzene	96	ug/Kg	U
SEE10041355ARM1	10/4/2010	Nitrobenzene	96	ug/Kg	U
SEE08311010JRP1	8/31/2010	Nitrobenzene	94	ug/Kg	U
SEE09090900JRP1	9/9/2010	Nitrobenzene	93	ug/Kg	U
SEE08311348MHS1	8/31/2010	Nitrobenzene	93	ug/Kg	U
SEE10071415ARM1	10/7/2010	Nitrobenzene	92	ug/Kg	U
SEE10170915JDF1	10/17/2010	Nitrobenzene	91	ug/Kg	U
SEE09291135JDF1	9/29/2010	Nitrobenzene	91	ug/Kg	U
SEE10071151RCM1	10/7/2010	Nitrobenzene	84	ug/Kg	U
SEE08300920JRP1	8/30/2010	Nitrobenzene	81	ug/Kg	U
SEE09051500MHS1	9/5/2010	Nitrobenzene	75	ug/Kg	U
SEE10141025ARM1	10/14/2010	Nitrobenzene	73	ug/Kg	UJ
SEE10091200ARM1	10/9/2010	Nitrobenzene	65	ug/Kg	UJ
SEE09130915JRP1	9/13/2010	Nitrobenzene	65	ug/Kg	U
SEE09061610JAW1	9/6/2010	Nitrobenzene	57	ug/Kg	U

**TABLE B-2b**  
**Upstream Sediment Samples (Morrow Lake)**

Sample ID	Sample Date	Analyte	Result	Unit	Data Qualifier
SEE10051415ARM1	10/5/2010	Nitrobenzene	56	ug/Kg	U
SEE10171535ARM1	10/17/2010	Nitrobenzene	54	ug/Kg	U
SEE08261700JRP1	8/26/2010	Nitrobenzene	53	ug/Kg	U
SEE09100945RCM1	9/10/2010	Nitrobenzene	52	ug/Kg	UJ
SEE08301410JRP1	8/30/2010	Nitrobenzene	51	ug/Kg	U
SEE10011125ARM1	10/1/2010	Nitrobenzene	50	ug/Kg	UJ
SEE09211120ARM1	9/21/2010	Nitrobenzene	49	ug/Kg	U
SEE09201110ARM1	9/20/2010	Nitrobenzene	49	ug/Kg	U
SEE10081035ARM1	10/8/2010	Nitrobenzene	47	ug/Kg	U
SEE09171200ARM1	9/17/2010	Nitrobenzene	47	ug/Kg	U
SEF10011045TDF1	10/1/2010	Nitrobenzene	46	ug/Kg	UJ
SEE09290915MAE1	9/29/2010	Nitrobenzene	46	ug/Kg	U
SEE09200911RCM1	9/20/2010	Nitrobenzene	46	ug/Kg	U
SEE09140945JRP1	9/14/2010	Nitrobenzene	46	ug/Kg	U
SEE09271500ARM1	9/27/2010	Nitrobenzene	45	ug/Kg	U
SEE09231205RCM1	9/23/2010	Nitrobenzene	45	ug/Kg	U
SEE09281445RCM1	9/28/2010	Nitrobenzene	44	ug/Kg	U
SEE09251235ARM1	9/25/2010	Nitrobenzene	44	ug/Kg	U
SEE09150915JRP1	9/15/2010	Nitrobenzene	44	ug/Kg	U
SEE09070930JRP1	9/7/2010	Nitrobenzene	44	ug/Kg	UJ
SEE08301100JRP1	8/30/2010	Nitrobenzene	44	ug/Kg	U
SEF10081108TDF3	10/8/2010	Nitrobenzene	43	ug/Kg	U
SEE10071045ARM1	10/7/2010	Nitrobenzene	43	ug/Kg	U
SEE10041045ARM1	10/4/2010	Nitrobenzene	43	ug/Kg	U
SEE10011043RCM1	10/1/2010	Nitrobenzene	43	ug/Kg	UJ
SEE09231035ARM1	9/23/2010	Nitrobenzene	43	ug/Kg	U
SEE09170935RCM1	9/17/2010	Nitrobenzene	43	ug/Kg	U
SEF10151030PMB3	10/15/2010	Nitrobenzene	42	ug/Kg	U
SEF10121130PMB3	10/12/2010	Nitrobenzene	42	ug/Kg	U
SEF10051206TDF3	10/5/2010	Nitrobenzene	42	ug/Kg	U
SEE09100920JRP1	9/10/2010	Nitrobenzene	42	ug/Kg	UJ
SEE09051500JAW1	9/5/2010	Nitrobenzene	42	ug/Kg	U
SEB09011143JLS1	9/1/2010	Nitrobenzene	42	ug/Kg	U
SEE10061135ARM1	10/6/2010	Nitrobenzene	41	ug/Kg	U
SEE10131035ARM1	10/13/2010	Nitrobenzene	40	ug/Kg	U
SEE10051145RCM1	10/5/2010	Nitrobenzene	40	ug/Kg	U
SEE09301025MAE1	9/30/2010	Nitrobenzene	40	ug/Kg	U
SEE09221045ARM1	9/22/2010	Nitrobenzene	40	ug/Kg	U
SEE09080930JRP1	9/8/2010	Nitrobenzene	40	ug/Kg	U
SEE09011515JAW1	9/1/2010	Nitrobenzene	40	ug/Kg	U
SEE10121040ARM1	10/12/2010	Nitrobenzene	39	ug/Kg	U
SEF09281139TDF1	9/28/2010	Nitrobenzene	39	ug/Kg	U
SEE10181030JWP1	10/18/2010	Nitrobenzene	37	ug/Kg	U
ML-07-S-081810	8/18/2010	Nitrobenzene	0.37	mg/Kg	UJ
ML-06-S-082310	8/23/2010	Nitrobenzene	0.33	mg/Kg	U
ML-04-S-081710	8/17/2010	Nitrobenzene	0.32	mg/Kg	U
ML-04-S-082610	8/26/2010	Nitrobenzene	0.31	mg/Kg	U
ML-03-S-082310	8/23/2010	Nitrobenzene	0.31	mg/Kg	U
ML-10-S-081910	8/19/2010	Nitrobenzene	0.31	mg/Kg	U
ML-10-S-081910	8/19/2010	Nitrobenzene	0.31	mg/Kg	U
ML-09-S-081810	8/18/2010	Nitrobenzene	0.31	mg/Kg	UJ
ML-06-S-081710	8/17/2010	Nitrobenzene	0.31	mg/Kg	U
ML-10-S-082610	8/26/2010	Nitrobenzene	0.30	mg/Kg	U
ML-10-S-082610	8/26/2010	Nitrobenzene	0.30	mg/Kg	U
ML-05-S-082310	8/23/2010	Nitrobenzene	0.28	mg/Kg	U
ML-01-S-081910	8/19/2010	Nitrobenzene	0.27	mg/Kg	U
ML-05-S-081710	8/17/2010	Nitrobenzene	0.26	mg/Kg	U
ML-02-S-082310	8/23/2010	Nitrobenzene	0.25	mg/Kg	U
ML-02-S-081710	8/17/2010	Nitrobenzene	0.24	mg/Kg	U
ML-06-S-082510	8/25/2010	Nitrobenzene	0.18	mg/Kg	U

**TABLE B-2b**  
**Upstream Sediment Samples (Morrow Lake)**

Sample ID	Sample Date	Analyte	Result	Unit	Data Qualifier
ML-07-S-082410	8/24/2010	Nitrobenzene	0.18	mg/Kg	UJ
ML-07-S-082110	8/21/2010	Nitrobenzene	0.18	mg/Kg	U
ML-05-S-082610	8/26/2010	Nitrobenzene	0.17	mg/Kg	U
ML-07-S-082510	8/25/2010	Nitrobenzene	0.17	mg/Kg	U
ML-08-S-082110	8/21/2010	Nitrobenzene	0.17	mg/Kg	U
ML-07-S-081610	8/16/2010	Nitrobenzene	0.17	mg/Kg	U
ML-08-S-081610	8/16/2010	Nitrobenzene	0.17	mg/Kg	U
ML-08-S-082510	8/25/2010	Nitrobenzene	0.16	mg/Kg	U
ML-08-S-082410	8/24/2010	Nitrobenzene	0.16	mg/Kg	UJ
ML-06-S-082010	8/20/2010	Nitrobenzene	0.16	mg/Kg	U
ML-01-S-081610	8/16/2010	Nitrobenzene	0.16	mg/Kg	U
ML-01-S-082510	8/25/2010	Nitrobenzene	0.15	mg/Kg	U
ML-09-S-082510	8/25/2010	Nitrobenzene	0.15	mg/Kg	U
ML-04-S-082410	8/24/2010	Nitrobenzene	0.15	mg/Kg	UJ
ML-10-S-082410	8/24/2010	Nitrobenzene	0.15	mg/Kg	UJ
ML-10-S-082410	8/24/2010	Nitrobenzene	0.15	mg/Kg	UJ
ML-09-S-082110	8/21/2010	Nitrobenzene	0.15	mg/Kg	U
ML-10-S-082110	8/21/2010	Nitrobenzene	0.15	mg/Kg	U
ML-10-S-082110	8/21/2010	Nitrobenzene	0.15	mg/Kg	U
ML-05-S-082010	8/20/2010	Nitrobenzene	0.15	mg/Kg	U
ML-10-S-081610	8/16/2010	Nitrobenzene	0.15	mg/Kg	U
ML-10-S-081610	8/16/2010	Nitrobenzene	0.15	mg/Kg	U
ML-02-S-082510	8/25/2010	Nitrobenzene	0.14	mg/Kg	U
ML-09-S-082410	8/24/2010	Nitrobenzene	0.14	mg/Kg	UJ
ML-01-S-082110	8/21/2010	Nitrobenzene	0.14	mg/Kg	U
ML-03-S-082510	8/25/2010	Nitrobenzene	0.13	mg/Kg	U
ML-02-S-082010	8/20/2010	Nitrobenzene	0.13	mg/Kg	U
ML-03-S-082010	8/20/2010	Nitrobenzene	0.13	mg/Kg	U
ML-04-S-082010	8/20/2010	Nitrobenzene	0.13	mg/Kg	U
ML-03-S-081610	8/16/2010	Nitrobenzene	0.12	mg/Kg	U
SEE09051430PML1	9/5/2010	N-Nitrosodi-n-propylamine	3000	ug/Kg	U
SEE09011635PML1	9/1/2010	N-Nitrosodi-n-propylamine	3000	ug/Kg	U
SEE08271145RCM1	8/27/2010	N-Nitrosodi-n-propylamine	1600	ug/kg	U
SEE08261620RCM1	8/26/2010	N-Nitrosodi-n-propylamine	1400	ug/kg	U
SEE08261420RCM1	8/26/2010	N-Nitrosodi-n-propylamine	1200	ug/kg	U
SEE10211035JDF1	10/21/2010	N-Nitrosodi-n-propylamine	960	ug/Kg	UJ
SEE10051125PML1	10/5/2010	N-Nitrosodi-n-propylamine	930	ug/Kg	U
SEE09061500PML1	9/6/2010	N-Nitrosodi-n-propylamine	920	ug/Kg	U
SEE09021400PML1	9/2/2010	N-Nitrosodi-n-propylamine	920	ug/Kg	U
SEE09301105JDF1	9/30/2010	N-Nitrosodi-n-propylamine	910	ug/Kg	U
SEE08301130PML1	8/30/2010	N-Nitrosodi-n-propylamine	910	ug/Kg	U
SEE10191005JDF1	10/19/2010	N-Nitrosodi-n-propylamine	880	ug/Kg	U
SEE10171410JDF1	10/17/2010	N-Nitrosodi-n-propylamine	880	ug/Kg	U
SEE09181235PML1	9/18/2010	N-Nitrosodi-n-propylamine	880	ug/Kg	UJ
SEE09101022PML1	9/10/2010	N-Nitrosodi-n-propylamine	880	ug/Kg	UJ
SEE09011545PML1	9/1/2010	N-Nitrosodi-n-propylamine	870	ug/Kg	U
SEE10211430JDF1	10/21/2010	N-Nitrosodi-n-propylamine	860	ug/Kg	U
SEE09231645JDF1	9/23/2010	N-Nitrosodi-n-propylamine	860	ug/Kg	U
SEE09141135PML1	9/14/2010	N-Nitrosodi-n-propylamine	860	ug/Kg	U
SEE09091410RCM1	9/9/2010	N-Nitrosodi-n-propylamine	860	ug/Kg	U
SEE10081115PML1	10/8/2010	N-Nitrosodi-n-propylamine	850	ug/Kg	U
SEE09121105RCM1	9/12/2010	N-Nitrosodi-n-propylamine	850	ug/Kg	UJ
SEE09101215PML1	9/10/2010	N-Nitrosodi-n-propylamine	850	ug/Kg	UJ
SEE09081020RCM1	9/8/2010	N-Nitrosodi-n-propylamine	850	ug/Kg	U
SEE09031645MHS1	9/3/2010	N-Nitrosodi-n-propylamine	850	ug/Kg	U
SEE09011545MHS1	9/1/2010	N-Nitrosodi-n-propylamine	850	ug/Kg	U
SEE08311420PML1	8/31/2010	N-Nitrosodi-n-propylamine	850	ug/Kg	U
SEE08311420PML1	8/31/2010	N-Nitrosodi-n-propylamine	850	ug/Kg	U
SEE10131150JDF1	10/13/2010	N-Nitrosodi-n-propylamine	840	ug/Kg	U
SEE09301255JDF1	9/30/2010	N-Nitrosodi-n-propylamine	840	ug/Kg	U



**TABLE B-2b**  
**Upstream Sediment Samples (Morrow Lake)**

Sample ID	Sample Date	Analyte	Result	Unit	Data Qualifier
SEE10221110JDF1	10/22/2010	N-Nitrosodi-n-propylamine	830	ug/Kg	U
SEE10221110JDF1	10/22/2010	N-Nitrosodi-n-propylamine	830	ug/Kg	U
SEE09030925PML1	9/3/2010	N-Nitrosodi-n-propylamine	830	ug/Kg	U
SEE08281607TWH1	8/28/2010	N-Nitrosodi-n-propylamine	830	ug/kg	UJ
SEE08281630RCM1	8/28/2010	N-Nitrosodi-n-propylamine	830	ug/kg	UJ
SEE10191515JDF1	10/19/2010	N-Nitrosodi-n-propylamine	820	ug/Kg	U
SEE10091401PML1	10/9/2010	N-Nitrosodi-n-propylamine	820	ug/Kg	UJ
SEE09051550MHS1	9/5/2010	N-Nitrosodi-n-propylamine	820	ug/Kg	U
SEE09291023RCM1	9/29/2010	N-Nitrosodi-n-propylamine	810	ug/Kg	U
SEE09121436RCM1	9/12/2010	N-Nitrosodi-n-propylamine	810	ug/Kg	UJ
SEE09021010PML1	9/2/2010	N-Nitrosodi-n-propylamine	810	ug/Kg	U
SEE10041530JDF1	10/4/2010	N-Nitrosodi-n-propylamine	800	ug/Kg	U
SEE09101625PML1	9/10/2010	N-Nitrosodi-n-propylamine	800	ug/Kg	UJ
SEE09061525MHS1	9/6/2010	N-Nitrosodi-n-propylamine	800	ug/Kg	U
SEE09031100PML1	9/3/2010	N-Nitrosodi-n-propylamine	800	ug/Kg	U
SEE08301638MHS1	8/30/2010	N-Nitrosodi-n-propylamine	800	ug/Kg	U
SEE10191415JDF1	10/19/2010	N-Nitrosodi-n-propylamine	790	ug/Kg	U
SEE10181035JDF1	10/18/2010	N-Nitrosodi-n-propylamine	790	ug/Kg	U
SEE10091614PML1	10/9/2010	N-Nitrosodi-n-propylamine	790	ug/Kg	UJ
SEE10051653PML1	10/5/2010	N-Nitrosodi-n-propylamine	790	ug/Kg	U
SEE09231210JDF1	9/23/2010	N-Nitrosodi-n-propylamine	790	ug/Kg	U
SEE09141515PML1	9/14/2010	N-Nitrosodi-n-propylamine	790	ug/Kg	U
SEE09131026RCM1	9/13/2010	N-Nitrosodi-n-propylamine	790	ug/Kg	U
SEE09051130PML1	9/5/2010	N-Nitrosodi-n-propylamine	790	ug/Kg	U
SEE08301550PML1	8/30/2010	N-Nitrosodi-n-propylamine	790	ug/Kg	U
SEE10191155JDF1	10/19/2010	N-Nitrosodi-n-propylamine	780	ug/Kg	U
SEE10171115JDF1	10/17/2010	N-Nitrosodi-n-propylamine	780	ug/Kg	U
SEE10141015JDF1	10/14/2010	N-Nitrosodi-n-propylamine	780	ug/Kg	UJ
SEE09220935RCM1	9/22/2010	N-Nitrosodi-n-propylamine	780	ug/Kg	U
SEE09191445RCM1	9/19/2010	N-Nitrosodi-n-propylamine	780	ug/Kg	U
SEE09161045PML1	9/16/2010	N-Nitrosodi-n-propylamine	780	ug/Kg	U
SEE09071050PML1	9/7/2010	N-Nitrosodi-n-propylamine	780	ug/Kg	UJ
SEE10211010JWP1	10/21/2010	N-Nitrosodi-n-propylamine	770	ug/Kg	U
SEE10181510JDF1	10/18/2010	N-Nitrosodi-n-propylamine	770	ug/Kg	U
SEE10181510JDF1	10/18/2010	N-Nitrosodi-n-propylamine	770	ug/Kg	U
SEE10061205PML1	10/6/2010	N-Nitrosodi-n-propylamine	770	ug/Kg	U
SEE10031115JDF1	10/3/2010	N-Nitrosodi-n-propylamine	770	ug/Kg	U
SEE10031115JDF1	10/3/2010	N-Nitrosodi-n-propylamine	770	ug/Kg	U
SEE09171415PML1	9/17/2010	N-Nitrosodi-n-propylamine	770	ug/Kg	U
SEE09140945PML1	9/14/2010	N-Nitrosodi-n-propylamine	770	ug/Kg	U
SEE09131445RCM1	9/13/2010	N-Nitrosodi-n-propylamine	770	ug/Kg	U
SEE09131505PML1	9/13/2010	N-Nitrosodi-n-propylamine	770	ug/Kg	U
SEE08301145MHS1	8/30/2010	N-Nitrosodi-n-propylamine	770	ug/Kg	U
SEE10141555ARM1	10/14/2010	N-Nitrosodi-n-propylamine	760	ug/Kg	UJ
SEE10101215PML1	10/10/2010	N-Nitrosodi-n-propylamine	760	ug/Kg	U
SEE10101215PML1	10/10/2010	N-Nitrosodi-n-propylamine	760	ug/Kg	U
SEE09170839RCM1	9/17/2010	N-Nitrosodi-n-propylamine	760	ug/Kg	U
SEE09081205PML1	9/8/2010	N-Nitrosodi-n-propylamine	760	ug/Kg	U
SEE09031140MHS1	9/3/2010	N-Nitrosodi-n-propylamine	760	ug/Kg	U
SEE10061051RCM1	10/6/2010	N-Nitrosodi-n-propylamine	750	ug/Kg	U
SEE10041138RCM1	10/4/2010	N-Nitrosodi-n-propylamine	750	ug/Kg	U
SEE09251135JDF1	9/25/2010	N-Nitrosodi-n-propylamine	750	ug/Kg	U
SEE09200945PML1	9/20/2010	N-Nitrosodi-n-propylamine	750	ug/Kg	U
SEE09200945PML1	9/20/2010	N-Nitrosodi-n-propylamine	750	ug/Kg	U
SEE09191040PML1	9/19/2010	N-Nitrosodi-n-propylamine	750	ug/Kg	U
SEE09181705PML1	9/18/2010	N-Nitrosodi-n-propylamine	750	ug/Kg	UJ
SEE09091005RCM1	9/9/2010	N-Nitrosodi-n-propylamine	750	ug/Kg	U
SEE09061105PML1	9/6/2010	N-Nitrosodi-n-propylamine	750	ug/Kg	U
SEE09031650PML1	9/3/2010	N-Nitrosodi-n-propylamine	750	ug/Kg	U
SEE09031650PML1	9/3/2010	N-Nitrosodi-n-propylamine	750	ug/Kg	U

**TABLE B-2b**  
**Upstream Sediment Samples (Morrow Lake)**

Sample ID	Sample Date	Analyte	Result	Unit	Data Qualifier
SEE10191100JDF1	10/19/2010	N-Nitrosodi-n-propylamine	740	ug/Kg	U
SEE10141150JDF1	10/14/2010	N-Nitrosodi-n-propylamine	740	ug/Kg	UJ
SEE10101010PML1	10/10/2010	N-Nitrosodi-n-propylamine	740	ug/Kg	U
SEE10081051RCM1	10/8/2010	N-Nitrosodi-n-propylamine	740	ug/Kg	U
SEE09261625JDF1	9/26/2010	N-Nitrosodi-n-propylamine	740	ug/Kg	U
SEE09261625JDF1	9/26/2010	N-Nitrosodi-n-propylamine	740	ug/Kg	U
SEE09191530PML1	9/19/2010	N-Nitrosodi-n-propylamine	740	ug/Kg	U
SEE09151145PML1	9/15/2010	N-Nitrosodi-n-propylamine	740	ug/Kg	U
SEE09151145PML1	9/15/2010	N-Nitrosodi-n-propylamine	740	ug/Kg	U
SEE09121055PML1	9/12/2010	N-Nitrosodi-n-propylamine	740	ug/Kg	UJ
SEE09121055PML1	9/12/2010	N-Nitrosodi-n-propylamine	740	ug/Kg	UJ
SEE09091515PML1	9/9/2010	N-Nitrosodi-n-propylamine	740	ug/Kg	U
SEE09081010PML1	9/8/2010	N-Nitrosodi-n-propylamine	740	ug/Kg	U
SEE08311045PML1	8/31/2010	N-Nitrosodi-n-propylamine	740	ug/Kg	U
SEE10161530JDF1	10/16/2010	N-Nitrosodi-n-propylamine	730	ug/Kg	U
SEE10141550JDF1	10/14/2010	N-Nitrosodi-n-propylamine	730	ug/Kg	UJ
SEE10141550JDF1	10/14/2010	N-Nitrosodi-n-propylamine	730	ug/Kg	UJ
SEE10121155JDF1	10/12/2010	N-Nitrosodi-n-propylamine	730	ug/Kg	U
SEE10011120JDF1	10/1/2010	N-Nitrosodi-n-propylamine	730	ug/Kg	U
SEE09260930RCM1	9/26/2010	N-Nitrosodi-n-propylamine	730	ug/Kg	U
SEE09230955RCM1	9/23/2010	N-Nitrosodi-n-propylamine	730	ug/Kg	U
SEE09151015PML1	9/15/2010	N-Nitrosodi-n-propylamine	730	ug/Kg	U
SEE09111015PML1	9/11/2010	N-Nitrosodi-n-propylamine	730	ug/Kg	UJ
SEE08281505PML1	8/28/2010	N-Nitrosodi-n-propylamine	730	ug/kg	UJ
SEE10181210JDF1	10/18/2010	N-Nitrosodi-n-propylamine	720	ug/Kg	U
SEE10150945JDF1	10/15/2010	N-Nitrosodi-n-propylamine	720	ug/Kg	U
SEE10120930JDF1	10/12/2010	N-Nitrosodi-n-propylamine	720	ug/Kg	U
SEE10081231PML1	10/8/2010	N-Nitrosodi-n-propylamine	720	ug/Kg	U
SEE10071042RCM1	10/7/2010	N-Nitrosodi-n-propylamine	720	ug/Kg	U
SEE10071101PML1	10/7/2010	N-Nitrosodi-n-propylamine	720	ug/Kg	U
SEE09261215JDF1	9/26/2010	N-Nitrosodi-n-propylamine	720	ug/Kg	U
SEE09011050PML1	9/1/2010	N-Nitrosodi-n-propylamine	720	ug/Kg	U
SEE08271215PML1	8/27/2010	N-Nitrosodi-n-propylamine	720	ug/kg	U
SEE10221055DWS1	10/22/2010	N-Nitrosodi-n-propylamine	710	ug/Kg	U
SEE09221440JDF1	9/22/2010	N-Nitrosodi-n-propylamine	710	ug/Kg	U
SEE09040950PML1	9/4/2010	N-Nitrosodi-n-propylamine	710	ug/Kg	U
SEE10181430JWP1	10/18/2010	N-Nitrosodi-n-propylamine	700	ug/Kg	U
SEE10161115ARM1	10/16/2010	N-Nitrosodi-n-propylamine	700	ug/Kg	U
SEE10061640PML1	10/6/2010	N-Nitrosodi-n-propylamine	700	ug/Kg	U
SEE10061640PML1	10/6/2010	N-Nitrosodi-n-propylamine	700	ug/Kg	U
SEE09301205RCM1	9/30/2010	N-Nitrosodi-n-propylamine	700	ug/Kg	U
SEE09211155JDF1	9/21/2010	N-Nitrosodi-n-propylamine	700	ug/Kg	UJ
SEE09201115RCM1	9/20/2010	N-Nitrosodi-n-propylamine	700	ug/Kg	U
SEE09171445RCM1	9/17/2010	N-Nitrosodi-n-propylamine	700	ug/Kg	U
SEE09161035RCM1	9/16/2010	N-Nitrosodi-n-propylamine	700	ug/Kg	U
SEE10191010JWP1	10/19/2010	N-Nitrosodi-n-propylamine	690	ug/Kg	U
SEE10041150JDF1	10/4/2010	N-Nitrosodi-n-propylamine	690	ug/Kg	U
SEE09121450PML1	9/12/2010	N-Nitrosodi-n-propylamine	690	ug/Kg	UJ
SEE08301520JRP1	8/30/2010	N-Nitrosodi-n-propylamine	690	ug/Kg	U
SEE08271614TWH1	8/27/2010	N-Nitrosodi-n-propylamine	690	ug/kg	U
SEE10111125JDF1	10/11/2010	N-Nitrosodi-n-propylamine	680	ug/Kg	U
SEE09271130JDF1	9/27/2010	N-Nitrosodi-n-propylamine	680	ug/Kg	U
SEE09131620PML1	9/13/2010	N-Nitrosodi-n-propylamine	680	ug/Kg	U
SEE09061130MHS1	9/6/2010	N-Nitrosodi-n-propylamine	680	ug/Kg	U
SEE08261445JRP1	8/26/2010	N-Nitrosodi-n-propylamine	680	ug/Kg	U
SEE10031425JDF1	10/3/2010	N-Nitrosodi-n-propylamine	670	ug/Kg	U
SEE09291035JDF1	9/29/2010	N-Nitrosodi-n-propylamine	670	ug/Kg	U
SEE09250905RCM1	9/25/2010	N-Nitrosodi-n-propylamine	670	ug/Kg	U
SEE09211530JDF1	9/21/2010	N-Nitrosodi-n-propylamine	670	ug/Kg	UJ
SEE09131125PML1	9/13/2010	N-Nitrosodi-n-propylamine	670	ug/Kg	U

**TABLE B-2b**  
**Upstream Sediment Samples (Morrow Lake)**

Sample ID	Sample Date	Analyte	Result	Unit	Data Qualifier
SEE09091605PML1	9/9/2010	N-Nitrosodi-n-propylamine	670	ug/Kg	U
SEE09041350PML1	9/4/2010	N-Nitrosodi-n-propylamine	670	ug/Kg	U
SEE09011255PML1	9/1/2010	N-Nitrosodi-n-propylamine	670	ug/Kg	U
SEE09170945PML1	9/17/2010	N-Nitrosodi-n-propylamine	660	ug/Kg	U
SEE09091145PML1	9/9/2010	N-Nitrosodi-n-propylamine	660	ug/Kg	U
SEE08301445JRP1	8/30/2010	N-Nitrosodi-n-propylamine	660	ug/Kg	U
SEE08271500PML1	8/27/2010	N-Nitrosodi-n-propylamine	660	ug/kg	U
SEE09091410PML1	9/9/2010	N-Nitrosodi-n-propylamine	650	ug/Kg	U
SEE09171125PML1	9/17/2010	N-Nitrosodi-n-propylamine	640	ug/Kg	U
SEE09051015PML1	9/5/2010	N-Nitrosodi-n-propylamine	640	ug/Kg	U
SEE10161415JDF1	10/16/2010	N-Nitrosodi-n-propylamine	630	ug/Kg	U
SEE10111011JDF1	10/11/2010	N-Nitrosodi-n-propylamine	630	ug/Kg	U
SEE09130940PML1	9/13/2010	N-Nitrosodi-n-propylamine	630	ug/Kg	U
SEE08301015JRP1	8/30/2010	N-Nitrosodi-n-propylamine	630	ug/Kg	U
SEE10121415ARM1	10/12/2010	N-Nitrosodi-n-propylamine	620	ug/Kg	U
SEE10071540PML1	10/7/2010	N-Nitrosodi-n-propylamine	620	ug/Kg	U
SEE09031115JAW1	9/3/2010	N-Nitrosodi-n-propylamine	620	ug/Kg	U
SEE08301530JAW1	8/30/2010	N-Nitrosodi-n-propylamine	620	ug/Kg	U
SEE10161055JDF1	10/16/2010	N-Nitrosodi-n-propylamine	610	ug/Kg	U
SEE10071205PML1	10/7/2010	N-Nitrosodi-n-propylamine	610	ug/Kg	U
SEE09271515JDF1	9/27/2010	N-Nitrosodi-n-propylamine	610	ug/Kg	U
SEE09211112RCM1	9/21/2010	N-Nitrosodi-n-propylamine	610	ug/Kg	UJ
SEE09201645ARM1	9/20/2010	N-Nitrosodi-n-propylamine	610	ug/Kg	U
SEE09171530PML1	9/17/2010	N-Nitrosodi-n-propylamine	610	ug/Kg	U
SEE09091010PML1	9/9/2010	N-Nitrosodi-n-propylamine	610	ug/Kg	U
SEE09091025JRP1	9/9/2010	N-Nitrosodi-n-propylamine	610	ug/Kg	U
SEE10111350JDF1	10/11/2010	N-Nitrosodi-n-propylamine	600	ug/Kg	U
SEE09290925JDF1	9/29/2010	N-Nitrosodi-n-propylamine	600	ug/Kg	U
SEE09221105JDF1	9/22/2010	N-Nitrosodi-n-propylamine	600	ug/Kg	U
SEE09221615JDF1	9/22/2010	N-Nitrosodi-n-propylamine	600	ug/Kg	U
SEE10151055ARM1	10/15/2010	N-Nitrosodi-n-propylamine	590	ug/Kg	U
SEE09301255MAE1	9/30/2010	N-Nitrosodi-n-propylamine	590	ug/Kg	U
SEE09011145PML1	9/1/2010	N-Nitrosodi-n-propylamine	590	ug/Kg	U
SEE08291110PML1	8/29/2010	N-Nitrosodi-n-propylamine	590	ug/kg	U
SEE10041050JDF1	10/4/2010	N-Nitrosodi-n-propylamine	580	ug/Kg	U
SEE09231130ARM1	9/23/2010	N-Nitrosodi-n-propylamine	580	ug/Kg	U
SEE10121030JDF1	10/12/2010	N-Nitrosodi-n-propylamine	570	ug/Kg	U
SEE10041335JDF1	10/4/2010	N-Nitrosodi-n-propylamine	570	ug/Kg	U
SEE09271025ARM1	9/27/2010	N-Nitrosodi-n-propylamine	570	ug/Kg	U
SEE08281215PML1	8/28/2010	N-Nitrosodi-n-propylamine	570	ug/kg	U
SEE08281420TWH1	8/28/2010	N-Nitrosodi-n-propylamine	570	ug/kg	UJ
SEE10040945JDF1	10/4/2010	N-Nitrosodi-n-propylamine	560	ug/Kg	U
SEE09130955JRP1	9/13/2010	N-Nitrosodi-n-propylamine	560	ug/Kg	U
SEE09291645JDF1	9/29/2010	N-Nitrosodi-n-propylamine	550	ug/Kg	U
SEE08281510TWH1	8/28/2010	N-Nitrosodi-n-propylamine	540	ug/kg	UJ
SEE09141312RCM1	9/14/2010	N-Nitrosodi-n-propylamine	530	ug/Kg	U
SEE08291421KAP1	8/29/2010	N-Nitrosodi-n-propylamine	510	ug/kg	U
SEE08271652TWH1	8/27/2010	N-Nitrosodi-n-propylamine	500	ug/kg	U
SEE10151355ARM1	10/15/2010	N-Nitrosodi-n-propylamine	480	ug/Kg	U
SEE10041355ARM1	10/4/2010	N-Nitrosodi-n-propylamine	480	ug/Kg	U
SEE09090900JRP1	9/9/2010	N-Nitrosodi-n-propylamine	470	ug/Kg	U
SEE08311010JRP1	8/31/2010	N-Nitrosodi-n-propylamine	470	ug/Kg	U
SEE08311348MHS1	8/31/2010	N-Nitrosodi-n-propylamine	470	ug/Kg	U
SEE10170915JDF1	10/17/2010	N-Nitrosodi-n-propylamine	460	ug/Kg	U
SEE10071415ARM1	10/7/2010	N-Nitrosodi-n-propylamine	460	ug/Kg	U
SEE09291135JDF1	9/29/2010	N-Nitrosodi-n-propylamine	460	ug/Kg	U
SEE10071151RCM1	10/7/2010	N-Nitrosodi-n-propylamine	430	ug/Kg	U
SEE08300920JRP1	8/30/2010	N-Nitrosodi-n-propylamine	410	ug/Kg	U
SEE08291550KAP1	8/29/2010	N-Nitrosodi-n-propylamine	410	ug/kg	U
SEE10221450DWS1	10/22/2010	N-Nitrosodi-n-propylamine	390	ug/Kg	U

**TABLE B-2b**  
**Upstream Sediment Samples (Morrow Lake)**

Sample ID	Sample Date	Analyte	Result	Unit	Data Qualifier
SEE09051500MHS1	9/5/2010	N-Nitrosodi-n-propylamine	380	ug/Kg	U
SEE10141025ARM1	10/14/2010	N-Nitrosodi-n-propylamine	370	ug/Kg	UJ
SEE10211345JWP1	10/21/2010	N-Nitrosodi-n-propylamine	330	ug/Kg	U
SEE10091200ARM1	10/9/2010	N-Nitrosodi-n-propylamine	330	ug/Kg	UJ
SEE09130915JRP1	9/13/2010	N-Nitrosodi-n-propylamine	330	ug/Kg	U
SEE08291354KAP1	8/29/2010	N-Nitrosodi-n-propylamine	330	ug/kg	U
SEE09061610JAW1	9/6/2010	N-Nitrosodi-n-propylamine	290	ug/Kg	U
SEE10051415ARM1	10/5/2010	N-Nitrosodi-n-propylamine	280	ug/Kg	U
SEE10171535ARM1	10/17/2010	N-Nitrosodi-n-propylamine	270	ug/Kg	U
SEE08291445PML1	8/29/2010	N-Nitrosodi-n-propylamine	270	ug/kg	U
SEE08261700JRP1	8/26/2010	N-Nitrosodi-n-propylamine	270	ug/Kg	U
SEE09100945RCM1	9/10/2010	N-Nitrosodi-n-propylamine	260	ug/Kg	UJ
SEE08301410JRP1	8/30/2010	N-Nitrosodi-n-propylamine	260	ug/Kg	U
SEE10011125ARM1	10/1/2010	N-Nitrosodi-n-propylamine	250	ug/Kg	U
SEE09211120ARM1	9/21/2010	N-Nitrosodi-n-propylamine	250	ug/Kg	UJ
SEE09201110ARM1	9/20/2010	N-Nitrosodi-n-propylamine	250	ug/Kg	U
SEF10221050MAE3	10/22/2010	N-Nitrosodi-n-propylamine	240	ug/Kg	U
SEF10191135NAC3	10/19/2010	N-Nitrosodi-n-propylamine	240	ug/Kg	U
SEE10081035ARM1	10/8/2010	N-Nitrosodi-n-propylamine	240	ug/Kg	U
SEE09171200ARM1	9/17/2010	N-Nitrosodi-n-propylamine	240	ug/Kg	U
SEF10011045TDF1	10/1/2010	N-Nitrosodi-n-propylamine	230	ug/Kg	U
SEE09290915MAE1	9/29/2010	N-Nitrosodi-n-propylamine	230	ug/Kg	U
SEE09271500ARM1	9/27/2010	N-Nitrosodi-n-propylamine	230	ug/Kg	U
SEE09231205RCM1	9/23/2010	N-Nitrosodi-n-propylamine	230	ug/Kg	U
SEE09200911RCM1	9/20/2010	N-Nitrosodi-n-propylamine	230	ug/Kg	U
SEE09140945JRP1	9/14/2010	N-Nitrosodi-n-propylamine	230	ug/Kg	U
SEE08271445JRP1	8/27/2010	N-Nitrosodi-n-propylamine	230	ug/kg	U
SEF10081108TDF3	10/8/2010	N-Nitrosodi-n-propylamine	220	ug/Kg	U
SEE10071045ARM1	10/7/2010	N-Nitrosodi-n-propylamine	220	ug/Kg	U
SEE10041045ARM1	10/4/2010	N-Nitrosodi-n-propylamine	220	ug/Kg	U
SEE10011043RCM1	10/1/2010	N-Nitrosodi-n-propylamine	220	ug/Kg	U
SEE09281445RCM1	9/28/2010	N-Nitrosodi-n-propylamine	220	ug/Kg	U
SEE09251235ARM1	9/25/2010	N-Nitrosodi-n-propylamine	220	ug/Kg	U
SEE09231035ARM1	9/23/2010	N-Nitrosodi-n-propylamine	220	ug/Kg	U
SEE09170935RCM1	9/17/2010	N-Nitrosodi-n-propylamine	220	ug/Kg	U
SEE09150915JRP1	9/15/2010	N-Nitrosodi-n-propylamine	220	ug/Kg	U
SEE09070930JRP1	9/7/2010	N-Nitrosodi-n-propylamine	220	ug/Kg	UJ
SEB09011143JLS1	9/1/2010	N-Nitrosodi-n-propylamine	220	ug/Kg	U
SEE08301100JRP1	8/30/2010	N-Nitrosodi-n-propylamine	220	ug/Kg	U
SEE08271536TWH1	8/27/2010	N-Nitrosodi-n-propylamine	220	ug/kg	U
SEE10191115JWP1	10/19/2010	N-Nitrosodi-n-propylamine	210	ug/Kg	U
SEF10151030PMB3	10/15/2010	N-Nitrosodi-n-propylamine	210	ug/Kg	U
SEF10121130PMB3	10/12/2010	N-Nitrosodi-n-propylamine	210	ug/Kg	U
SEE10061135ARM1	10/6/2010	N-Nitrosodi-n-propylamine	210	ug/Kg	U
SEF10051206TDF3	10/5/2010	N-Nitrosodi-n-propylamine	210	ug/Kg	U
SEE09100920JRP1	9/10/2010	N-Nitrosodi-n-propylamine	210	ug/Kg	UJ
SEE09051500JAW1	9/5/2010	N-Nitrosodi-n-propylamine	210	ug/Kg	U
SEB08281400JLS1	8/28/2010	N-Nitrosodi-n-propylamine	210	ug/kg	UJ
SEE08281540JRP1	8/28/2010	N-Nitrosodi-n-propylamine	210	ug/kg	U
SEE10131035ARM1	10/13/2010	N-Nitrosodi-n-propylamine	200	ug/Kg	U
SEE10121040ARM1	10/12/2010	N-Nitrosodi-n-propylamine	200	ug/Kg	U
SEE10051145RCM1	10/5/2010	N-Nitrosodi-n-propylamine	200	ug/Kg	U
SEE09301025MAE1	9/30/2010	N-Nitrosodi-n-propylamine	200	ug/Kg	U
SEF09281139TDF1	9/28/2010	N-Nitrosodi-n-propylamine	200	ug/Kg	U
SEE09221045ARM1	9/22/2010	N-Nitrosodi-n-propylamine	200	ug/Kg	U
SEE09080930JRP1	9/8/2010	N-Nitrosodi-n-propylamine	200	ug/Kg	U
SEE09011515JAW1	9/1/2010	N-Nitrosodi-n-propylamine	200	ug/Kg	U
SEE10181030JWP1	10/18/2010	N-Nitrosodi-n-propylamine	190	ug/Kg	U
SEE09051430PML1	9/5/2010	N-Nitrosodiphenylamine	3000	ug/Kg	U
SEE09011635PML1	9/1/2010	N-Nitrosodiphenylamine	3000	ug/Kg	U

**TABLE B-2b**  
**Upstream Sediment Samples (Morrow Lake)**

Sample ID	Sample Date	Analyte	Result	Unit	Data Qualifier
SEE08271145RCM1	8/27/2010	N-Nitrosodiphenylamine	1600	ug/kg	U
SEE08261620RCM1	8/26/2010	N-Nitrosodiphenylamine	1400	ug/kg	U
SEE08261420RCM1	8/26/2010	N-Nitrosodiphenylamine	1200	ug/kg	U
SEE10211035JDF1	10/21/2010	N-Nitrosodiphenylamine	960	ug/Kg	UJ
SEE10051125PML1	10/5/2010	N-Nitrosodiphenylamine	930	ug/Kg	U
SEE09061500PML1	9/6/2010	N-Nitrosodiphenylamine	920	ug/Kg	U
SEE09021400PML1	9/2/2010	N-Nitrosodiphenylamine	920	ug/Kg	U
SEE09301105JDF1	9/30/2010	N-Nitrosodiphenylamine	910	ug/Kg	U
SEE08301130PML1	8/30/2010	N-Nitrosodiphenylamine	910	ug/Kg	U
SEE10191005JDF1	10/19/2010	N-Nitrosodiphenylamine	880	ug/Kg	U
SEE10171410JDF1	10/17/2010	N-Nitrosodiphenylamine	880	ug/Kg	U
SEE09181235PML1	9/18/2010	N-Nitrosodiphenylamine	880	ug/Kg	U
SEE09101022PML1	9/10/2010	N-Nitrosodiphenylamine	880	ug/Kg	UJ
SEE09011545PML1	9/1/2010	N-Nitrosodiphenylamine	870	ug/Kg	U
SEE10211430JDF1	10/21/2010	N-Nitrosodiphenylamine	860	ug/Kg	U
SEE09231645JDF1	9/23/2010	N-Nitrosodiphenylamine	860	ug/Kg	U
SEE09141135PML1	9/14/2010	N-Nitrosodiphenylamine	860	ug/Kg	UJ
SEE09091410RCM1	9/9/2010	N-Nitrosodiphenylamine	860	ug/Kg	U
SEE10081115PML1	10/8/2010	N-Nitrosodiphenylamine	850	ug/Kg	U
SEE09121105RCM1	9/12/2010	N-Nitrosodiphenylamine	850	ug/Kg	UJ
SEE09101215PML1	9/10/2010	N-Nitrosodiphenylamine	850	ug/Kg	UJ
SEE09081020RCM1	9/8/2010	N-Nitrosodiphenylamine	850	ug/Kg	U
SEE09031645MHS1	9/3/2010	N-Nitrosodiphenylamine	850	ug/Kg	U
SEE09011545MHS1	9/1/2010	N-Nitrosodiphenylamine	850	ug/Kg	U
SEE08311420PML1	8/31/2010	N-Nitrosodiphenylamine	850	ug/Kg	U
SEE08311420PML1	8/31/2010	N-Nitrosodiphenylamine	850	ug/Kg	U
SEE10131150JDF1	10/13/2010	N-Nitrosodiphenylamine	840	ug/Kg	U
SEE09301255JDF1	9/30/2010	N-Nitrosodiphenylamine	840	ug/Kg	U
SEE10221110JDF1	10/22/2010	N-Nitrosodiphenylamine	830	ug/Kg	U
SEE10221110JDF1	10/22/2010	N-Nitrosodiphenylamine	830	ug/Kg	U
SEE09030925PML1	9/3/2010	N-Nitrosodiphenylamine	830	ug/Kg	U
SEE08281607TWH1	8/28/2010	N-Nitrosodiphenylamine	830	ug/kg	U
SEE08281630RCM1	8/28/2010	N-Nitrosodiphenylamine	830	ug/kg	U
SEE10191515JDF1	10/19/2010	N-Nitrosodiphenylamine	820	ug/Kg	U
SEE10091401PML1	10/9/2010	N-Nitrosodiphenylamine	820	ug/Kg	UJ
SEE09051550MHS1	9/5/2010	N-Nitrosodiphenylamine	820	ug/Kg	U
SEE09291023RCM1	9/29/2010	N-Nitrosodiphenylamine	810	ug/Kg	U
SEE09121436RCM1	9/12/2010	N-Nitrosodiphenylamine	810	ug/Kg	UJ
SEE09021010PML1	9/2/2010	N-Nitrosodiphenylamine	810	ug/Kg	U
SEE10041530JDF1	10/4/2010	N-Nitrosodiphenylamine	800	ug/Kg	U
SEE09101625PML1	9/10/2010	N-Nitrosodiphenylamine	800	ug/Kg	UJ
SEE09061525MHS1	9/6/2010	N-Nitrosodiphenylamine	800	ug/Kg	U
SEE09031100PML1	9/3/2010	N-Nitrosodiphenylamine	800	ug/Kg	U
SEE08301638MHS1	8/30/2010	N-Nitrosodiphenylamine	800	ug/Kg	U
SEE10191415JDF1	10/19/2010	N-Nitrosodiphenylamine	790	ug/Kg	U
SEE10181035JDF1	10/18/2010	N-Nitrosodiphenylamine	790	ug/Kg	U
SEE10091614PML1	10/9/2010	N-Nitrosodiphenylamine	790	ug/Kg	UJ
SEE10051653PML1	10/5/2010	N-Nitrosodiphenylamine	790	ug/Kg	U
SEE09231210JDF1	9/23/2010	N-Nitrosodiphenylamine	790	ug/Kg	U
SEE09141515PML1	9/14/2010	N-Nitrosodiphenylamine	790	ug/Kg	UJ
SEE09131026RCM1	9/13/2010	N-Nitrosodiphenylamine	790	ug/Kg	U
SEE09051130PML1	9/5/2010	N-Nitrosodiphenylamine	790	ug/Kg	U
SEE08301550PML1	8/30/2010	N-Nitrosodiphenylamine	790	ug/Kg	U
SEE10191155JDF1	10/19/2010	N-Nitrosodiphenylamine	780	ug/Kg	U
SEE10171115JDF1	10/17/2010	N-Nitrosodiphenylamine	780	ug/Kg	U
SEE10141015JDF1	10/14/2010	N-Nitrosodiphenylamine	780	ug/Kg	U
SEE09220935RCM1	9/22/2010	N-Nitrosodiphenylamine	780	ug/Kg	U
SEE09191445RCM1	9/19/2010	N-Nitrosodiphenylamine	780	ug/Kg	U
SEE09161045PML1	9/16/2010	N-Nitrosodiphenylamine	780	ug/Kg	U
SEE09071050PML1	9/7/2010	N-Nitrosodiphenylamine	780	ug/Kg	UJ

**TABLE B-2b**  
**Upstream Sediment Samples (Morrow Lake)**

Sample ID	Sample Date	Analyte	Result	Unit	Data Qualifier
SEE10211010JWP1	10/21/2010	N-Nitrosodiphenylamine	770	ug/Kg	U
SEE10181510JDF1	10/18/2010	N-Nitrosodiphenylamine	770	ug/Kg	U
SEE10181510JDF1	10/18/2010	N-Nitrosodiphenylamine	770	ug/Kg	U
SEE10061205PML1	10/6/2010	N-Nitrosodiphenylamine	770	ug/Kg	U
SEE10031115JDF1	10/3/2010	N-Nitrosodiphenylamine	770	ug/Kg	U
SEE10031115JDF1	10/3/2010	N-Nitrosodiphenylamine	770	ug/Kg	U
SEE09171415PML1	9/17/2010	N-Nitrosodiphenylamine	770	ug/Kg	U
SEE09140945PML1	9/14/2010	N-Nitrosodiphenylamine	770	ug/Kg	UJ
SEE09131445RCM1	9/13/2010	N-Nitrosodiphenylamine	770	ug/Kg	U
SEE09131505PML1	9/13/2010	N-Nitrosodiphenylamine	770	ug/Kg	U
SEE08301145MHS1	8/30/2010	N-Nitrosodiphenylamine	770	ug/Kg	U
SEE10141555ARM1	10/14/2010	N-Nitrosodiphenylamine	760	ug/Kg	U
SEE10101215PML1	10/10/2010	N-Nitrosodiphenylamine	760	ug/Kg	U
SEE10101215PML1	10/10/2010	N-Nitrosodiphenylamine	760	ug/Kg	U
SEE09170839RCM1	9/17/2010	N-Nitrosodiphenylamine	760	ug/Kg	U
SEE09081205PML1	9/8/2010	N-Nitrosodiphenylamine	760	ug/Kg	U
SEE09031140MHS1	9/3/2010	N-Nitrosodiphenylamine	760	ug/Kg	U
SEE10061051RCM1	10/6/2010	N-Nitrosodiphenylamine	750	ug/Kg	U
SEE10041138RCM1	10/4/2010	N-Nitrosodiphenylamine	750	ug/Kg	U
SEE09251135JDF1	9/25/2010	N-Nitrosodiphenylamine	750	ug/Kg	U
SEE09200945PML1	9/20/2010	N-Nitrosodiphenylamine	750	ug/Kg	U
SEE09200945PML1	9/20/2010	N-Nitrosodiphenylamine	750	ug/Kg	U
SEE09191040PML1	9/19/2010	N-Nitrosodiphenylamine	750	ug/Kg	U
SEE09181705PML1	9/18/2010	N-Nitrosodiphenylamine	750	ug/Kg	U
SEE09091005RCM1	9/9/2010	N-Nitrosodiphenylamine	750	ug/Kg	U
SEE09061105PML1	9/6/2010	N-Nitrosodiphenylamine	750	ug/Kg	U
SEE09031650PML1	9/3/2010	N-Nitrosodiphenylamine	750	ug/Kg	U
SEE09031650PML1	9/3/2010	N-Nitrosodiphenylamine	750	ug/Kg	U
SEE10191100JDF1	10/19/2010	N-Nitrosodiphenylamine	740	ug/Kg	U
SEE10141150JDF1	10/14/2010	N-Nitrosodiphenylamine	740	ug/Kg	U
SEE10101010PML1	10/10/2010	N-Nitrosodiphenylamine	740	ug/Kg	U
SEE10081051RCM1	10/8/2010	N-Nitrosodiphenylamine	740	ug/Kg	U
SEE09261625JDF1	9/26/2010	N-Nitrosodiphenylamine	740	ug/Kg	U
SEE09261625JDF1	9/26/2010	N-Nitrosodiphenylamine	740	ug/Kg	U
SEE09191530PML1	9/19/2010	N-Nitrosodiphenylamine	740	ug/Kg	U
SEE09151145PML1	9/15/2010	N-Nitrosodiphenylamine	740	ug/Kg	U
SEE09151145PML1	9/15/2010	N-Nitrosodiphenylamine	740	ug/Kg	U
SEE09121055PML1	9/12/2010	N-Nitrosodiphenylamine	740	ug/Kg	UJ
SEE09121055PML1	9/12/2010	N-Nitrosodiphenylamine	740	ug/Kg	UJ
SEE09091515PML1	9/9/2010	N-Nitrosodiphenylamine	740	ug/Kg	U
SEE09081010PML1	9/8/2010	N-Nitrosodiphenylamine	740	ug/Kg	U
SEE08311045PML1	8/31/2010	N-Nitrosodiphenylamine	740	ug/Kg	U
SEE10161530JDF1	10/16/2010	N-Nitrosodiphenylamine	730	ug/Kg	U
SEE10141550JDF1	10/14/2010	N-Nitrosodiphenylamine	730	ug/Kg	U
SEE10141550JDF1	10/14/2010	N-Nitrosodiphenylamine	730	ug/Kg	U
SEE10121155JDF1	10/12/2010	N-Nitrosodiphenylamine	730	ug/Kg	U
SEE10011120JDF1	10/1/2010	N-Nitrosodiphenylamine	730	ug/Kg	U
SEE09260930RCM1	9/26/2010	N-Nitrosodiphenylamine	730	ug/Kg	U
SEE09230955RCM1	9/23/2010	N-Nitrosodiphenylamine	730	ug/Kg	U
SEE09151015PML1	9/15/2010	N-Nitrosodiphenylamine	730	ug/Kg	U
SEE09111015PML1	9/11/2010	N-Nitrosodiphenylamine	730	ug/Kg	UJ
SEE08281505PML1	8/28/2010	N-Nitrosodiphenylamine	730	ug/kg	U
SEE10181210JDF1	10/18/2010	N-Nitrosodiphenylamine	720	ug/Kg	U
SEE10150945JDF1	10/15/2010	N-Nitrosodiphenylamine	720	ug/Kg	U
SEE10120930JDF1	10/12/2010	N-Nitrosodiphenylamine	720	ug/Kg	U
SEE10081231PML1	10/8/2010	N-Nitrosodiphenylamine	720	ug/Kg	U
SEE10071042RCM1	10/7/2010	N-Nitrosodiphenylamine	720	ug/Kg	U
SEE10071101PML1	10/7/2010	N-Nitrosodiphenylamine	720	ug/Kg	U
SEE09261215JDF1	9/26/2010	N-Nitrosodiphenylamine	720	ug/Kg	U
SEE09011050PML1	9/1/2010	N-Nitrosodiphenylamine	720	ug/Kg	U

**TABLE B-2b**  
**Upstream Sediment Samples (Morrow Lake)**

Sample ID	Sample Date	Analyte	Result	Unit	Data Qualifier
SEE08271215PML1	8/27/2010	N-Nitrosodiphenylamine	720	ug/kg	U
SEE10221055DWS1	10/22/2010	N-Nitrosodiphenylamine	710	ug/Kg	U
SEE09221440JDF1	9/22/2010	N-Nitrosodiphenylamine	710	ug/Kg	U
SEE09040950PML1	9/4/2010	N-Nitrosodiphenylamine	710	ug/Kg	U
SEE10181430JWP1	10/18/2010	N-Nitrosodiphenylamine	700	ug/Kg	U
SEE10161115ARM1	10/16/2010	N-Nitrosodiphenylamine	700	ug/Kg	U
SEE10061640PML1	10/6/2010	N-Nitrosodiphenylamine	700	ug/Kg	U
SEE10061640PML1	10/6/2010	N-Nitrosodiphenylamine	700	ug/Kg	U
SEE09301205RCM1	9/30/2010	N-Nitrosodiphenylamine	700	ug/Kg	U
SEE09211155JDF1	9/21/2010	N-Nitrosodiphenylamine	700	ug/Kg	U
SEE09201115RCM1	9/20/2010	N-Nitrosodiphenylamine	700	ug/Kg	U
SEE09171445RCM1	9/17/2010	N-Nitrosodiphenylamine	700	ug/Kg	U
SEE09161035RCM1	9/16/2010	N-Nitrosodiphenylamine	700	ug/Kg	U
SEE10191010JWP1	10/19/2010	N-Nitrosodiphenylamine	690	ug/Kg	U
SEE10041150JDF1	10/4/2010	N-Nitrosodiphenylamine	690	ug/Kg	U
SEE09121450PML1	9/12/2010	N-Nitrosodiphenylamine	690	ug/Kg	UJ
SEE08301520JRP1	8/30/2010	N-Nitrosodiphenylamine	690	ug/Kg	U
SEE08271614TWH1	8/27/2010	N-Nitrosodiphenylamine	690	ug/kg	U
SEE10111125JDF1	10/11/2010	N-Nitrosodiphenylamine	680	ug/Kg	U
SEE09271130JDF1	9/27/2010	N-Nitrosodiphenylamine	680	ug/Kg	U
SEE09131620PML1	9/13/2010	N-Nitrosodiphenylamine	680	ug/Kg	U
SEE09061130MHS1	9/6/2010	N-Nitrosodiphenylamine	680	ug/Kg	U
SEE08261445JRP1	8/26/2010	N-Nitrosodiphenylamine	680	ug/Kg	U
SEE10031425JDF1	10/3/2010	N-Nitrosodiphenylamine	670	ug/Kg	U
SEE09291035JDF1	9/29/2010	N-Nitrosodiphenylamine	670	ug/Kg	U
SEE09250905RCM1	9/25/2010	N-Nitrosodiphenylamine	670	ug/Kg	U
SEE09211530JDF1	9/21/2010	N-Nitrosodiphenylamine	670	ug/Kg	U
SEE09131125PML1	9/13/2010	N-Nitrosodiphenylamine	670	ug/Kg	U
SEE09091605PML1	9/9/2010	N-Nitrosodiphenylamine	670	ug/Kg	U
SEE09041350PML1	9/4/2010	N-Nitrosodiphenylamine	670	ug/Kg	U
SEE09011255PML1	9/1/2010	N-Nitrosodiphenylamine	670	ug/Kg	U
SEE09170945PML1	9/17/2010	N-Nitrosodiphenylamine	660	ug/Kg	U
SEE09091145PML1	9/9/2010	N-Nitrosodiphenylamine	660	ug/Kg	U
SEE08301445JRP1	8/30/2010	N-Nitrosodiphenylamine	660	ug/Kg	U
SEE08271500PML1	8/27/2010	N-Nitrosodiphenylamine	660	ug/kg	U
SEE09091410PML1	9/9/2010	N-Nitrosodiphenylamine	650	ug/Kg	U
SEE09171125PML1	9/17/2010	N-Nitrosodiphenylamine	640	ug/Kg	U
SEE09051015PML1	9/5/2010	N-Nitrosodiphenylamine	640	ug/Kg	U
SEE10161415JDF1	10/16/2010	N-Nitrosodiphenylamine	630	ug/Kg	U
SEE10111011JDF1	10/11/2010	N-Nitrosodiphenylamine	630	ug/Kg	U
SEE09130940PML1	9/13/2010	N-Nitrosodiphenylamine	630	ug/Kg	U
SEE08301015JRP1	8/30/2010	N-Nitrosodiphenylamine	630	ug/Kg	U
SEE10121415ARM1	10/12/2010	N-Nitrosodiphenylamine	620	ug/Kg	U
SEE10071540PML1	10/7/2010	N-Nitrosodiphenylamine	620	ug/Kg	U
SEE09031115JAW1	9/3/2010	N-Nitrosodiphenylamine	620	ug/Kg	U
SEE08301530JAW1	8/30/2010	N-Nitrosodiphenylamine	620	ug/Kg	U
SEE10161055JDF1	10/16/2010	N-Nitrosodiphenylamine	610	ug/Kg	U
SEE10071205PML1	10/7/2010	N-Nitrosodiphenylamine	610	ug/Kg	U
SEE09271515JDF1	9/27/2010	N-Nitrosodiphenylamine	610	ug/Kg	U
SEE09211112RCM1	9/21/2010	N-Nitrosodiphenylamine	610	ug/Kg	U
SEE09201645ARM1	9/20/2010	N-Nitrosodiphenylamine	610	ug/Kg	U
SEE09171530PML1	9/17/2010	N-Nitrosodiphenylamine	610	ug/Kg	U
SEE09091010PML1	9/9/2010	N-Nitrosodiphenylamine	610	ug/Kg	U
SEE09091025JRP1	9/9/2010	N-Nitrosodiphenylamine	610	ug/Kg	U
SEE10111350JDF1	10/11/2010	N-Nitrosodiphenylamine	600	ug/Kg	U
SEE09290925JDF1	9/29/2010	N-Nitrosodiphenylamine	600	ug/Kg	U
SEE09221105JDF1	9/22/2010	N-Nitrosodiphenylamine	600	ug/Kg	U
SEE09221615JDF1	9/22/2010	N-Nitrosodiphenylamine	600	ug/Kg	U
SEE10151055ARM1	10/15/2010	N-Nitrosodiphenylamine	590	ug/Kg	U
SEE09301255MAE1	9/30/2010	N-Nitrosodiphenylamine	590	ug/Kg	U

**TABLE B-2b**  
**Upstream Sediment Samples (Morrow Lake)**

Sample ID	Sample Date	Analyte	Result	Unit	Data Qualifier
SEE09011145PML1	9/1/2010	N-Nitrosodiphenylamine	590	ug/Kg	U
SEE08291110PML1	8/29/2010	N-Nitrosodiphenylamine	590	ug/kg	U
SEE10041050JDF1	10/4/2010	N-Nitrosodiphenylamine	580	ug/Kg	U
SEE09231130ARM1	9/23/2010	N-Nitrosodiphenylamine	580	ug/Kg	U
SEE10121030JDF1	10/12/2010	N-Nitrosodiphenylamine	570	ug/Kg	U
SEE10041335JDF1	10/4/2010	N-Nitrosodiphenylamine	570	ug/Kg	U
SEE09271025ARM1	9/27/2010	N-Nitrosodiphenylamine	570	ug/Kg	U
SEE08281215PML1	8/28/2010	N-Nitrosodiphenylamine	570	ug/kg	U
SEE08281420TWH1	8/28/2010	N-Nitrosodiphenylamine	570	ug/kg	U
SEE10040945JDF1	10/4/2010	N-Nitrosodiphenylamine	560	ug/Kg	U
SEE09130955JRP1	9/13/2010	N-Nitrosodiphenylamine	560	ug/Kg	U
SEE09291645JDF1	9/29/2010	N-Nitrosodiphenylamine	550	ug/Kg	U
SEE08281510TWH1	8/28/2010	N-Nitrosodiphenylamine	540	ug/kg	U
SEE09141312RCM1	9/14/2010	N-Nitrosodiphenylamine	530	ug/Kg	UJ
SEE08291421KAP1	8/29/2010	N-Nitrosodiphenylamine	510	ug/kg	U
SEE08271652TWH1	8/27/2010	N-Nitrosodiphenylamine	500	ug/kg	U
SEE10151355ARM1	10/15/2010	N-Nitrosodiphenylamine	480	ug/Kg	U
SEE10041355ARM1	10/4/2010	N-Nitrosodiphenylamine	480	ug/Kg	U
SEE09090900JRP1	9/9/2010	N-Nitrosodiphenylamine	470	ug/Kg	U
SEE08311010JRP1	8/31/2010	N-Nitrosodiphenylamine	470	ug/Kg	U
SEE08311348MHS1	8/31/2010	N-Nitrosodiphenylamine	470	ug/Kg	U
SEE10170915JDF1	10/17/2010	N-Nitrosodiphenylamine	460	ug/Kg	U
SEE10071415ARM1	10/7/2010	N-Nitrosodiphenylamine	460	ug/Kg	U
SEE09291135JDF1	9/29/2010	N-Nitrosodiphenylamine	460	ug/Kg	U
SEE10071151RCM1	10/7/2010	N-Nitrosodiphenylamine	430	ug/Kg	U
SEE08300920JRP1	8/30/2010	N-Nitrosodiphenylamine	410	ug/Kg	U
SEE08291550KAP1	8/29/2010	N-Nitrosodiphenylamine	410	ug/kg	U
SEE10221450DWS1	10/22/2010	N-Nitrosodiphenylamine	390	ug/Kg	U
SEE09051500MHS1	9/5/2010	N-Nitrosodiphenylamine	380	ug/Kg	U
SEE10141025ARM1	10/14/2010	N-Nitrosodiphenylamine	370	ug/Kg	U
SEE10211345JWP1	10/21/2010	N-Nitrosodiphenylamine	330	ug/Kg	U
SEE10091200ARM1	10/9/2010	N-Nitrosodiphenylamine	330	ug/Kg	UJ
SEE09130915JRP1	9/13/2010	N-Nitrosodiphenylamine	330	ug/Kg	U
SEE08291354KAP1	8/29/2010	N-Nitrosodiphenylamine	330	ug/kg	U
SEE09061610JAW1	9/6/2010	N-Nitrosodiphenylamine	290	ug/Kg	U
SEE10051415ARM1	10/5/2010	N-Nitrosodiphenylamine	280	ug/Kg	U
SEE10171535ARM1	10/17/2010	N-Nitrosodiphenylamine	270	ug/Kg	U
SEE08291445PML1	8/29/2010	N-Nitrosodiphenylamine	270	ug/kg	U
SEE08261700JRP1	8/26/2010	N-Nitrosodiphenylamine	270	ug/Kg	U
SEE09100945RCM1	9/10/2010	N-Nitrosodiphenylamine	260	ug/Kg	UJ
SEE08301410JRP1	8/30/2010	N-Nitrosodiphenylamine	260	ug/Kg	U
SEE10011125ARM1	10/1/2010	N-Nitrosodiphenylamine	250	ug/Kg	U
SEE09211120ARM1	9/21/2010	N-Nitrosodiphenylamine	250	ug/Kg	U
SEE09201110ARM1	9/20/2010	N-Nitrosodiphenylamine	250	ug/Kg	U
SEF10221050MAE3	10/22/2010	N-Nitrosodiphenylamine	240	ug/Kg	U
SEF10191135NAC3	10/19/2010	N-Nitrosodiphenylamine	240	ug/Kg	U
SEE10081035ARM1	10/8/2010	N-Nitrosodiphenylamine	240	ug/Kg	U
SEE09171200ARM1	9/17/2010	N-Nitrosodiphenylamine	240	ug/Kg	U
SEF10011045TDF1	10/1/2010	N-Nitrosodiphenylamine	230	ug/Kg	U
SEE09290915MAE1	9/29/2010	N-Nitrosodiphenylamine	230	ug/Kg	U
SEE09271500ARM1	9/27/2010	N-Nitrosodiphenylamine	230	ug/Kg	U
SEE09231205RCM1	9/23/2010	N-Nitrosodiphenylamine	230	ug/Kg	U
SEE09200911RCM1	9/20/2010	N-Nitrosodiphenylamine	230	ug/Kg	U
SEE09140945JRP1	9/14/2010	N-Nitrosodiphenylamine	230	ug/Kg	UJ
SEE08271445JRP1	8/27/2010	N-Nitrosodiphenylamine	230	ug/kg	U
SEF10081108TDF3	10/8/2010	N-Nitrosodiphenylamine	220	ug/Kg	U
SEE10071045ARM1	10/7/2010	N-Nitrosodiphenylamine	220	ug/Kg	U
SEE10041045ARM1	10/4/2010	N-Nitrosodiphenylamine	220	ug/Kg	U
SEE10011043RCM1	10/1/2010	N-Nitrosodiphenylamine	220	ug/Kg	U
SEE09281445RCM1	9/28/2010	N-Nitrosodiphenylamine	220	ug/Kg	U



**TABLE B-2b**  
**Upstream Sediment Samples (Morrow Lake)**

Sample ID	Sample Date	Analyte	Result	Unit	Data Qualifier
SEE09251235ARM1	9/25/2010	N-Nitrosodiphenylamine	220	ug/Kg	U
SEE09231035ARM1	9/23/2010	N-Nitrosodiphenylamine	220	ug/Kg	U
SEE09170935RCM1	9/17/2010	N-Nitrosodiphenylamine	220	ug/Kg	U
SEE09150915JRP1	9/15/2010	N-Nitrosodiphenylamine	220	ug/Kg	U
SEE09070930JRP1	9/7/2010	N-Nitrosodiphenylamine	220	ug/Kg	UJ
SEB09011143JLS1	9/1/2010	N-Nitrosodiphenylamine	220	ug/Kg	U
SEE08301100JRP1	8/30/2010	N-Nitrosodiphenylamine	220	ug/Kg	U
SEE08271536TWH1	8/27/2010	N-Nitrosodiphenylamine	220	ug/kg	U
SEE10191115JWP1	10/19/2010	N-Nitrosodiphenylamine	210	ug/Kg	U
SEF10151030PMB3	10/15/2010	N-Nitrosodiphenylamine	210	ug/Kg	U
SEF10121130PMB3	10/12/2010	N-Nitrosodiphenylamine	210	ug/Kg	U
SEE10061135ARM1	10/6/2010	N-Nitrosodiphenylamine	210	ug/Kg	U
SEF10051206TDF3	10/5/2010	N-Nitrosodiphenylamine	210	ug/Kg	U
SEE09100920JRP1	9/10/2010	N-Nitrosodiphenylamine	210	ug/Kg	UJ
SEE09051500JAW1	9/5/2010	N-Nitrosodiphenylamine	210	ug/Kg	U
SEB08281400JLS1	8/28/2010	N-Nitrosodiphenylamine	210	ug/kg	U
SEE08281540JRP1	8/28/2010	N-Nitrosodiphenylamine	210	ug/kg	U
SEE10131035ARM1	10/13/2010	N-Nitrosodiphenylamine	200	ug/Kg	U
SEE10121040ARM1	10/12/2010	N-Nitrosodiphenylamine	200	ug/Kg	U
SEE10051145RCM1	10/5/2010	N-Nitrosodiphenylamine	200	ug/Kg	U
SEE09301025MAE1	9/30/2010	N-Nitrosodiphenylamine	200	ug/Kg	U
SEF09281139TDF1	9/28/2010	N-Nitrosodiphenylamine	200	ug/Kg	U
SEE09221045ARM1	9/22/2010	N-Nitrosodiphenylamine	200	ug/Kg	U
SEE09080930JRP1	9/8/2010	N-Nitrosodiphenylamine	200	ug/Kg	U
SEE09011515JAW1	9/1/2010	N-Nitrosodiphenylamine	200	ug/Kg	U
SEE10181030JWP1	10/18/2010	N-Nitrosodiphenylamine	190	ug/Kg	U
ML-07-S-081810	8/18/2010	N-Nitrosodiphenylamine	0.37	mg/Kg	UJ
ML-06-S-082310	8/23/2010	N-Nitrosodiphenylamine	0.33	mg/Kg	U
ML-04-S-081710	8/17/2010	N-Nitrosodiphenylamine	0.32	mg/Kg	U
ML-04-S-082610	8/26/2010	N-Nitrosodiphenylamine	0.31	mg/Kg	U
ML-03-S-082310	8/23/2010	N-Nitrosodiphenylamine	0.31	mg/Kg	U
ML-10-S-081910	8/19/2010	N-Nitrosodiphenylamine	0.31	mg/Kg	U
ML-10-S-081910	8/19/2010	N-Nitrosodiphenylamine	0.31	mg/Kg	U
ML-09-S-081810	8/18/2010	N-Nitrosodiphenylamine	0.31	mg/Kg	UJ
ML-06-S-081710	8/17/2010	N-Nitrosodiphenylamine	0.31	mg/Kg	U
ML-10-S-082610	8/26/2010	N-Nitrosodiphenylamine	0.30	mg/Kg	U
ML-10-S-082610	8/26/2010	N-Nitrosodiphenylamine	0.30	mg/Kg	U
ML-05-S-082310	8/23/2010	N-Nitrosodiphenylamine	0.28	mg/Kg	U
ML-01-S-081910	8/19/2010	N-Nitrosodiphenylamine	0.27	mg/Kg	U
ML-05-S-081710	8/17/2010	N-Nitrosodiphenylamine	0.26	mg/Kg	U
ML-02-S-082310	8/23/2010	N-Nitrosodiphenylamine	0.25	mg/Kg	U
ML-02-S-081710	8/17/2010	N-Nitrosodiphenylamine	0.24	mg/Kg	U
ML-06-S-082510	8/25/2010	N-Nitrosodiphenylamine	0.18	mg/Kg	U
ML-07-S-082410	8/24/2010	N-Nitrosodiphenylamine	0.18	mg/Kg	UJ
ML-07-S-082110	8/21/2010	N-Nitrosodiphenylamine	0.18	mg/Kg	U
ML-05-S-082610	8/26/2010	N-Nitrosodiphenylamine	0.17	mg/Kg	U
ML-07-S-082510	8/25/2010	N-Nitrosodiphenylamine	0.17	mg/Kg	U
ML-08-S-082110	8/21/2010	N-Nitrosodiphenylamine	0.17	mg/Kg	U
ML-07-S-081610	8/16/2010	N-Nitrosodiphenylamine	0.17	mg/Kg	U
ML-08-S-081610	8/16/2010	N-Nitrosodiphenylamine	0.17	mg/Kg	U
ML-08-S-082510	8/25/2010	N-Nitrosodiphenylamine	0.16	mg/Kg	U
ML-08-S-082410	8/24/2010	N-Nitrosodiphenylamine	0.16	mg/Kg	UJ
ML-06-S-082010	8/20/2010	N-Nitrosodiphenylamine	0.16	mg/Kg	U
ML-01-S-081610	8/16/2010	N-Nitrosodiphenylamine	0.16	mg/Kg	U
ML-01-S-082510	8/25/2010	N-Nitrosodiphenylamine	0.15	mg/Kg	U
ML-09-S-082510	8/25/2010	N-Nitrosodiphenylamine	0.15	mg/Kg	U
ML-04-S-082410	8/24/2010	N-Nitrosodiphenylamine	0.15	mg/Kg	UJ
ML-10-S-082410	8/24/2010	N-Nitrosodiphenylamine	0.15	mg/Kg	UJ
ML-10-S-082410	8/24/2010	N-Nitrosodiphenylamine	0.15	mg/Kg	UJ
ML-09-S-082110	8/21/2010	N-Nitrosodiphenylamine	0.15	mg/Kg	U

**TABLE B-2b**  
**Upstream Sediment Samples (Morrow Lake)**

Sample ID	Sample Date	Analyte	Result	Unit	Data Qualifier
ML-10-S-082110	8/21/2010	N-Nitrosodiphenylamine	0.15	mg/Kg	U
ML-10-S-082110	8/21/2010	N-Nitrosodiphenylamine	0.15	mg/Kg	U
ML-05-S-082010	8/20/2010	N-Nitrosodiphenylamine	0.15	mg/Kg	U
ML-10-S-081610	8/16/2010	N-Nitrosodiphenylamine	0.15	mg/Kg	U
ML-10-S-081610	8/16/2010	N-Nitrosodiphenylamine	0.15	mg/Kg	U
ML-02-S-082510	8/25/2010	N-Nitrosodiphenylamine	0.14	mg/Kg	U
ML-09-S-082410	8/24/2010	N-Nitrosodiphenylamine	0.14	mg/Kg	UJ
ML-01-S-082110	8/21/2010	N-Nitrosodiphenylamine	0.14	mg/Kg	U
ML-03-S-082510	8/25/2010	N-Nitrosodiphenylamine	0.13	mg/Kg	U
ML-02-S-082010	8/20/2010	N-Nitrosodiphenylamine	0.13	mg/Kg	U
ML-03-S-082010	8/20/2010	N-Nitrosodiphenylamine	0.13	mg/Kg	U
ML-04-S-082010	8/20/2010	N-Nitrosodiphenylamine	0.13	mg/Kg	U
ML-03-S-081610	8/16/2010	N-Nitrosodiphenylamine	0.12	mg/Kg	U
SEE10211035JDF1	10/21/2010	N-Propylbenzene	1200	ug/Kg	U
SEE10221110JDF1	10/22/2010	N-Propylbenzene	1100	ug/Kg	U
SEE10221110JDF1	10/22/2010	N-Propylbenzene	1100	ug/Kg	U
SEE10211430JDF1	10/21/2010	N-Propylbenzene	1100	ug/Kg	U
SEE10191005JDF1	10/19/2010	N-Propylbenzene	1100	ug/Kg	U
SEE10191515JDF1	10/19/2010	N-Propylbenzene	1100	ug/Kg	U
SEE10191415JDF1	10/19/2010	N-Propylbenzene	1000	ug/Kg	U
SEE10191155JDF1	10/19/2010	N-Propylbenzene	970	ug/Kg	U
SEE10191100JDF1	10/19/2010	N-Propylbenzene	950	ug/Kg	U
SEE10211010JWP1	10/21/2010	N-Propylbenzene	940	ug/Kg	U
SEE10221055DWS1	10/22/2010	N-Propylbenzene	910	ug/Kg	U
SEE10191010JWP1	10/19/2010	N-Propylbenzene	900	ug/Kg	U
SEE10221450DWS1	10/22/2010	N-Propylbenzene	490	ug/Kg	U
SEE10211345JWP1	10/21/2010	N-Propylbenzene	440	ug/Kg	U
SEF10221050MAE3	10/22/2010	N-Propylbenzene	310	ug/Kg	U
SEF10191135NAC3	10/19/2010	N-Propylbenzene	300	ug/Kg	U
SEE10141015JDF1	10/14/2010	N-Propylbenzene	280	ug/Kg	U
SEE10191115JWP1	10/19/2010	N-Propylbenzene	270	ug/Kg	U
SEE09200945PML1	9/20/2010	N-Propylbenzene	60	ug/Kg	U
SEE09200945PML1	9/20/2010	N-Propylbenzene	60	ug/Kg	U
SEE09201115RCM1	9/20/2010	N-Propylbenzene	58	ug/Kg	U
SEE09201645ARM1	9/20/2010	N-Propylbenzene	48	ug/Kg	U
SEE10071042RCM1	10/7/2010	N-Propylbenzene	45	ug/Kg	UJ
SEE09061500PML1	9/6/2010	N-Propylbenzene	45	ug/Kg	U
SEE08281607TWH1	8/28/2010	N-Propylbenzene	44	ug/kg	U
SEE09301105JDF1	9/30/2010	N-Propylbenzene	42	ug/Kg	U
SEE09181705PML1	9/18/2010	N-Propylbenzene	42	ug/Kg	U
SEE09021400PML1	9/2/2010	N-Propylbenzene	41	ug/Kg	U
SEE08301130PML1	8/30/2010	N-Propylbenzene	41	ug/Kg	U
SEE10091401PML1	10/9/2010	N-Propylbenzene	40	ug/Kg	U
SEE10181035JDF1	10/18/2010	N-Propylbenzene	39	ug/Kg	U
SEE10051125PML1	10/5/2010	N-Propylbenzene	39	ug/Kg	UJ
SEE08311045PML1	8/31/2010	N-Propylbenzene	39	ug/Kg	U
SEE10141555ARM1	10/14/2010	N-Propylbenzene	38	ug/Kg	U
SEE09101215PML1	9/10/2010	N-Propylbenzene	38	ug/Kg	U
SEE10161530JDF1	10/16/2010	N-Propylbenzene	37	ug/Kg	U
SEE10081115PML1	10/8/2010	N-Propylbenzene	37	ug/Kg	U
SEE09030925PML1	9/3/2010	N-Propylbenzene	37	ug/Kg	UJ
SEE09031115JAW1	9/3/2010	N-Propylbenzene	37	ug/Kg	UJ
SEE08281505PML1	8/28/2010	N-Propylbenzene	37	ug/kg	UJ
SEE10171410JDF1	10/17/2010	N-Propylbenzene	36	ug/Kg	U
SEE09191530PML1	9/19/2010	N-Propylbenzene	36	ug/Kg	U
SEE09181235PML1	9/18/2010	N-Propylbenzene	36	ug/Kg	U
SEE09141135PML1	9/14/2010	N-Propylbenzene	36	ug/Kg	U
SEE09101022PML1	9/10/2010	N-Propylbenzene	36	ug/Kg	U
SEE10171115JDF1	10/17/2010	N-Propylbenzene	35	ug/Kg	U
SEE08311420PML1	8/31/2010	N-Propylbenzene	35	ug/Kg	U

**TABLE B-2b**  
**Upstream Sediment Samples (Morrow Lake)**

Sample ID	Sample Date	Analyte	Result	Unit	Data Qualifier
SEE08311420PML1	8/31/2010	N-Propylbenzene	35	ug/Kg	U
SEE08271215PML1	8/27/2010	N-Propylbenzene	35	ug/kg	U
SEE10041530JDF1	10/4/2010	N-Propylbenzene	34	ug/Kg	UJ
SEE09121105RCM1	9/12/2010	N-Propylbenzene	34	ug/Kg	U
SEE09011545PML1	9/1/2010	N-Propylbenzene	34	ug/Kg	U
SEE08301550PML1	8/30/2010	N-Propylbenzene	34	ug/Kg	U
SEE10181210JDF1	10/18/2010	N-Propylbenzene	33	ug/Kg	U
SEE10181430JWP1	10/18/2010	N-Propylbenzene	33	ug/Kg	U
SEE10181510JDF1	10/18/2010	N-Propylbenzene	33	ug/Kg	U
SEE10181510JDF1	10/18/2010	N-Propylbenzene	33	ug/Kg	U
SEE10131150JDF1	10/13/2010	N-Propylbenzene	33	ug/Kg	U
SEE10101010PML1	10/10/2010	N-Propylbenzene	33	ug/Kg	U
SEE10101215PML1	10/10/2010	N-Propylbenzene	33	ug/Kg	U
SEE10101215PML1	10/10/2010	N-Propylbenzene	33	ug/Kg	U
SEE09140945PML1	9/14/2010	N-Propylbenzene	33	ug/Kg	U
SEE09061525MHS1	9/6/2010	N-Propylbenzene	33	ug/Kg	U
SEE09051130PML1	9/5/2010	N-Propylbenzene	33	ug/Kg	U
SEE09031100PML1	9/3/2010	N-Propylbenzene	33	ug/Kg	UJ
SEE09021010PML1	9/2/2010	N-Propylbenzene	33	ug/Kg	U
SEE08281630RCM1	8/28/2010	N-Propylbenzene	33	ug/kg	UJ
SEE10031115JDF1	10/3/2010	N-Propylbenzene	32	ug/Kg	U
SEE10031115JDF1	10/3/2010	N-Propylbenzene	32	ug/Kg	U
SEE09301205RCM1	9/30/2010	N-Propylbenzene	32	ug/Kg	U
SEE09301255JDF1	9/30/2010	N-Propylbenzene	32	ug/Kg	U
SEE09231645JDF1	9/23/2010	N-Propylbenzene	32	ug/Kg	U
SEE09141515PML1	9/14/2010	N-Propylbenzene	32	ug/Kg	U
SEE09101625PML1	9/10/2010	N-Propylbenzene	32	ug/Kg	U
SEE09091005RCM1	9/9/2010	N-Propylbenzene	32	ug/Kg	U
SEE09061105PML1	9/6/2010	N-Propylbenzene	32	ug/Kg	U
SEE09031650PML1	9/3/2010	N-Propylbenzene	32	ug/Kg	UJ
SEE09031650PML1	9/3/2010	N-Propylbenzene	32	ug/Kg	UJ
SEE10081231PML1	10/8/2010	N-Propylbenzene	31	ug/Kg	U
SEE09231210JDF1	9/23/2010	N-Propylbenzene	31	ug/Kg	U
SEE09161045PML1	9/16/2010	N-Propylbenzene	31	ug/Kg	U
SEE09081205PML1	9/8/2010	N-Propylbenzene	31	ug/Kg	U
SEE09071050PML1	9/7/2010	N-Propylbenzene	31	ug/Kg	U
SEE08301145MHS1	8/30/2010	N-Propylbenzene	31	ug/Kg	U
SEE10161115ARM1	10/16/2010	N-Propylbenzene	30	ug/Kg	U
SEE10120930JDF1	10/12/2010	N-Propylbenzene	30	ug/Kg	U
SEE10071101PML1	10/7/2010	N-Propylbenzene	30	ug/Kg	UJ
SEE09261625JDF1	9/26/2010	N-Propylbenzene	30	ug/Kg	U
SEE09261625JDF1	9/26/2010	N-Propylbenzene	30	ug/Kg	U
SEE09131445RCM1	9/13/2010	N-Propylbenzene	30	ug/Kg	U
SEE09121055PML1	9/12/2010	N-Propylbenzene	30	ug/Kg	U
SEE09121055PML1	9/12/2010	N-Propylbenzene	30	ug/Kg	U
SEE09121436RCM1	9/12/2010	N-Propylbenzene	30	ug/Kg	U
SEE09091410RCM1	9/9/2010	N-Propylbenzene	30	ug/Kg	U
SEE09011050PML1	9/1/2010	N-Propylbenzene	30	ug/Kg	U
SEE10081051RCM1	10/8/2010	N-Propylbenzene	29	ug/Kg	U
SEE10061640PML1	10/6/2010	N-Propylbenzene	29	ug/Kg	U
SEE10061640PML1	10/6/2010	N-Propylbenzene	29	ug/Kg	U
SEE10051653PML1	10/5/2010	N-Propylbenzene	29	ug/Kg	UJ
SEE09261215JDF1	9/26/2010	N-Propylbenzene	29	ug/Kg	U
SEE09231130ARM1	9/23/2010	N-Propylbenzene	29	ug/Kg	U
SEE09191040PML1	9/19/2010	N-Propylbenzene	29	ug/Kg	U
SEE09131026RCM1	9/13/2010	N-Propylbenzene	29	ug/Kg	U
SEE09131505PML1	9/13/2010	N-Propylbenzene	29	ug/Kg	U
SEE09040950PML1	9/4/2010	N-Propylbenzene	29	ug/Kg	U
SEE10011120JDF1	10/1/2010	N-Propylbenzene	28	ug/Kg	U
SEE09211155JDF1	9/21/2010	N-Propylbenzene	28	ug/Kg	U

**TABLE B-2b**  
**Upstream Sediment Samples (Morrow Lake)**

Sample ID	Sample Date	Analyte	Result	Unit	Data Qualifier
SEE09171415PML1	9/17/2010	N-Propylbenzene	28	ug/Kg	U
SEE09151145PML1	9/15/2010	N-Propylbenzene	28	ug/Kg	U
SEE09151145PML1	9/15/2010	N-Propylbenzene	28	ug/Kg	U
SEE09131620PML1	9/13/2010	N-Propylbenzene	28	ug/Kg	U
SEE09121450PML1	9/12/2010	N-Propylbenzene	28	ug/Kg	U
SEE09091515PML1	9/9/2010	N-Propylbenzene	28	ug/Kg	U
SEE09081010PML1	9/8/2010	N-Propylbenzene	28	ug/Kg	U
SEE09081020RCM1	9/8/2010	N-Propylbenzene	28	ug/Kg	U
SEE09011255PML1	9/1/2010	N-Propylbenzene	28	ug/Kg	U
SEE08301015JRP1	8/30/2010	N-Propylbenzene	28	ug/Kg	U
SEE08261420RCM1	8/26/2010	N-Propylbenzene	28	ug/kg	U
SEE10091614PML1	10/9/2010	N-Propylbenzene	27	ug/Kg	U
SEE10061205PML1	10/6/2010	N-Propylbenzene	27	ug/Kg	U
SEE10041150JDF1	10/4/2010	N-Propylbenzene	27	ug/Kg	UJ
SEE09251135JDF1	9/25/2010	N-Propylbenzene	27	ug/Kg	U
SEE09221440JDF1	9/22/2010	N-Propylbenzene	27	ug/Kg	U
SEE09170839RCM1	9/17/2010	N-Propylbenzene	27	ug/Kg	U
SEE09151015PML1	9/15/2010	N-Propylbenzene	27	ug/Kg	U
SEE08291110PML1	8/29/2010	N-Propylbenzene	27	ug/kg	U
SEE10141150JDF1	10/14/2010	N-Propylbenzene	26	ug/Kg	U
SEE10141550JDF1	10/14/2010	N-Propylbenzene	26	ug/Kg	U
SEE10141550JDF1	10/14/2010	N-Propylbenzene	26	ug/Kg	U
SEE10121155JDF1	10/12/2010	N-Propylbenzene	26	ug/Kg	U
SEE09271130JDF1	9/27/2010	N-Propylbenzene	26	ug/Kg	U
SEE09131125PML1	9/13/2010	N-Propylbenzene	26	ug/Kg	U
SEE09091010PML1	9/9/2010	N-Propylbenzene	26	ug/Kg	U
SEE09091145PML1	9/9/2010	N-Propylbenzene	26	ug/Kg	U
SEE09091410PML1	9/9/2010	N-Propylbenzene	26	ug/Kg	U
SEE09061130MHS1	9/6/2010	N-Propylbenzene	26	ug/Kg	U
SEE09011145PML1	9/1/2010	N-Propylbenzene	26	ug/Kg	U
SEE08301638MHS1	8/30/2010	N-Propylbenzene	26	ug/Kg	U
SEE10151055ARM1	10/15/2010	N-Propylbenzene	25	ug/Kg	U
SEE10121415ARM1	10/12/2010	N-Propylbenzene	25	ug/Kg	U
SEE10111125JDF1	10/11/2010	N-Propylbenzene	25	ug/Kg	U
SEE10031425JDF1	10/3/2010	N-Propylbenzene	25	ug/Kg	U
SEE09291035JDF1	9/29/2010	N-Propylbenzene	25	ug/Kg	U
SEE09220935RCM1	9/22/2010	N-Propylbenzene	25	ug/Kg	U
SEE09111015PML1	9/11/2010	N-Propylbenzene	25	ug/Kg	U
SEE09051015PML1	9/5/2010	N-Propylbenzene	25	ug/Kg	U
SEE08301445JRP1	8/30/2010	N-Propylbenzene	25	ug/Kg	U
SEE10161415JDF1	10/16/2010	N-Propylbenzene	24	ug/Kg	U
SEE10040945JDF1	10/4/2010	N-Propylbenzene	24	ug/Kg	UJ
SEE09230955RCM1	9/23/2010	N-Propylbenzene	24	ug/Kg	U
SEE09211530JDF1	9/21/2010	N-Propylbenzene	24	ug/Kg	U
SEE09170945PML1	9/17/2010	N-Propylbenzene	24	ug/Kg	U
SEE09171125PML1	9/17/2010	N-Propylbenzene	24	ug/Kg	U
SEE09130955JRP1	9/13/2010	N-Propylbenzene	24	ug/Kg	U
SEE09091605PML1	9/9/2010	N-Propylbenzene	24	ug/Kg	U
SEE09041350PML1	9/4/2010	N-Propylbenzene	24	ug/Kg	U
SEE10071205PML1	10/7/2010	N-Propylbenzene	23	ug/Kg	UJ
SEE10071540PML1	10/7/2010	N-Propylbenzene	23	ug/Kg	UJ
SEE10041335JDF1	10/4/2010	N-Propylbenzene	23	ug/Kg	UJ
SEE09271025ARM1	9/27/2010	N-Propylbenzene	23	ug/Kg	U
SEE09171530PML1	9/17/2010	N-Propylbenzene	23	ug/Kg	U
SEE09051430PML1	9/5/2010	N-Propylbenzene	23	ug/Kg	U
SEE08271500PML1	8/27/2010	N-Propylbenzene	23	ug/kg	U
SEE10150945JDF1	10/15/2010	N-Propylbenzene	22	ug/Kg	U
SEE10111011JDF1	10/11/2010	N-Propylbenzene	22	ug/Kg	U
SEE10111350JDF1	10/11/2010	N-Propylbenzene	22	ug/Kg	U
SEE10061051RCM1	10/6/2010	N-Propylbenzene	22	ug/Kg	U

**TABLE B-2b**  
**Upstream Sediment Samples (Morrow Lake)**

Sample ID	Sample Date	Analyte	Result	Unit	Data Qualifier
SEE10041355ARM1	10/4/2010	N-Propylbenzene	22	ug/Kg	UJ
SEE09271515JDF1	9/27/2010	N-Propylbenzene	22	ug/Kg	U
SEE09221105JDF1	9/22/2010	N-Propylbenzene	22	ug/Kg	U
SEE09130940PML1	9/13/2010	N-Propylbenzene	22	ug/Kg	U
SEE08281215PML1	8/28/2010	N-Propylbenzene	22	ug/kg	U
SEE10121030JDF1	10/12/2010	N-Propylbenzene	21	ug/Kg	U
SEE09290925JDF1	9/29/2010	N-Propylbenzene	21	ug/Kg	U
SEE09091025JRP1	9/9/2010	N-Propylbenzene	21	ug/Kg	U
SEE09011635PML1	9/1/2010	N-Propylbenzene	21	ug/Kg	U
SEE08301520JRP1	8/30/2010	N-Propylbenzene	21	ug/Kg	U
SEE08281420TWH1	8/28/2010	N-Propylbenzene	21	ug/kg	U
SEE08261445JRP1	8/26/2010	N-Propylbenzene	21	ug/Kg	U
SEE10161055JDF1	10/16/2010	N-Propylbenzene	20	ug/Kg	U
SEE10151355ARM1	10/15/2010	N-Propylbenzene	20	ug/Kg	U
SEE10071415ARM1	10/7/2010	N-Propylbenzene	20	ug/Kg	UJ
SEE09031140MHS1	9/3/2010	N-Propylbenzene	20	ug/Kg	UJ
SEE08291421KAP1	8/29/2010	N-Propylbenzene	20	ug/kg	U
SEE08271145RCM1	8/27/2010	N-Propylbenzene	20	ug/kg	U
SEE10041050JDF1	10/4/2010	N-Propylbenzene	19	ug/Kg	UJ
SEE09301255MAE1	9/30/2010	N-Propylbenzene	19	ug/Kg	U
SEE09291645JDF1	9/29/2010	N-Propylbenzene	19	ug/Kg	U
SEE09051550MHS1	9/5/2010	N-Propylbenzene	19	ug/Kg	U
SEE09031645MHS1	9/3/2010	N-Propylbenzene	19	ug/Kg	UJ
SEE10041138RCM1	10/4/2010	N-Propylbenzene	18	ug/Kg	UJ
SEE09221615JDF1	9/22/2010	N-Propylbenzene	18	ug/Kg	U
SEE09191445RCM1	9/19/2010	N-Propylbenzene	18	ug/Kg	U
SEE08311010JRP1	8/31/2010	N-Propylbenzene	18	ug/Kg	U
SEE09250905RCM1	9/25/2010	N-Propylbenzene	17	ug/Kg	U
SEE09200911RCM1	9/20/2010	N-Propylbenzene	17	ug/Kg	U
SEE09090900JRP1	9/9/2010	N-Propylbenzene	17	ug/Kg	U
SEE09011545MHS1	9/1/2010	N-Propylbenzene	17	ug/Kg	U
SEE08281510TWH1	8/28/2010	N-Propylbenzene	17	ug/kg	U
SEE10170915JDF1	10/17/2010	N-Propylbenzene	16	ug/Kg	U
SEE09291135JDF1	9/29/2010	N-Propylbenzene	16	ug/Kg	U
SEE09260930RCM1	9/26/2010	N-Propylbenzene	16	ug/Kg	U
SEE09201110ARM1	9/20/2010	N-Propylbenzene	15	ug/Kg	U
SEE08301530JAW1	8/30/2010	N-Propylbenzene	15	ug/Kg	U
SEE08291550KAP1	8/29/2010	N-Propylbenzene	15	ug/kg	U
SEE10071151RCM1	10/7/2010	N-Propylbenzene	14	ug/Kg	UJ
SEE09211112RCM1	9/21/2010	N-Propylbenzene	14	ug/Kg	U
SEE08311348MHS1	8/31/2010	N-Propylbenzene	14	ug/Kg	U
SEE08300920JRP1	8/30/2010	N-Propylbenzene	14	ug/Kg	U
SEE08261620RCM1	8/26/2010	N-Propylbenzene	14	ug/kg	U
SEE10141025ARM1	10/14/2010	N-Propylbenzene	12	ug/Kg	U
SEE09130915JRP1	9/13/2010	N-Propylbenzene	12	ug/Kg	U
SEE10091200ARM1	10/9/2010	N-Propylbenzene	11	ug/Kg	U
SEE09291023RCM1	9/29/2010	N-Propylbenzene	11	ug/Kg	U
SEE09171445RCM1	9/17/2010	N-Propylbenzene	11	ug/Kg	U
SEE09161035RCM1	9/16/2010	N-Propylbenzene	11	ug/Kg	U
SEE09141312RCM1	9/14/2010	N-Propylbenzene	10	ug/Kg	U
SEE08291445PML1	8/29/2010	N-Propylbenzene	10	ug/kg	U
SEE08291354KAP1	8/29/2010	N-Propylbenzene	9.3	ug/kg	U
SEE10051415ARM1	10/5/2010	N-Propylbenzene	8.7	ug/Kg	UJ
SEE09061610JAW1	9/6/2010	N-Propylbenzene	8.5	ug/Kg	U
SEE10011125ARM1	10/1/2010	N-Propylbenzene	8.2	ug/Kg	U
SEE08261700JRP1	8/26/2010	N-Propylbenzene	8.2	ug/Kg	U
SEE09051500MHS1	9/5/2010	N-Propylbenzene	8.0	ug/Kg	U
SEE10171535ARM1	10/17/2010	N-Propylbenzene	7.9	ug/Kg	U
SEE09231035ARM1	9/23/2010	N-Propylbenzene	7.9	ug/Kg	U
SEE09171200ARM1	9/17/2010	N-Propylbenzene	7.9	ug/Kg	U

**TABLE B-2b**  
**Upstream Sediment Samples (Morrow Lake)**

Sample ID	Sample Date	Analyte	Result	Unit	Data Qualifier
SEE08271614TWH1	8/27/2010	N-Propylbenzene	7.8	ug/kg	U
SEE10081035ARM1	10/8/2010	N-Propylbenzene	7.6	ug/Kg	U
SEE08271652TWH1	8/27/2010	N-Propylbenzene	7.6	ug/kg	U
SEE09100945RCM1	9/10/2010	N-Propylbenzene	7.5	ug/Kg	U
SEE09211120ARM1	9/21/2010	N-Propylbenzene	7.4	ug/Kg	U
SEB09011143JLS1	9/1/2010	N-Propylbenzene	7.1	ug/Kg	U
SEE08301410JRP1	8/30/2010	N-Propylbenzene	7.0	ug/Kg	U
SEE09281445RCM1	9/28/2010	N-Propylbenzene	6.5	ug/Kg	U
SEE08271536TWH1	8/27/2010	N-Propylbenzene	6.3	ug/kg	U
SEE09271500ARM1	9/27/2010	N-Propylbenzene	6.2	ug/Kg	U
SEE09170935RCM1	9/17/2010	N-Propylbenzene	6.1	ug/Kg	U
SEF10011045TDF1	10/1/2010	N-Propylbenzene	6.0	ug/Kg	U
SEE09150915JRP1	9/15/2010	N-Propylbenzene	6.0	ug/Kg	U
SEE10011043RCM1	10/1/2010	N-Propylbenzene	5.8	ug/Kg	U
SEE09290915MAE1	9/29/2010	N-Propylbenzene	5.8	ug/Kg	U
SEE10131035ARM1	10/13/2010	N-Propylbenzene	5.5	ug/Kg	U
SEE10071045ARM1	10/7/2010	N-Propylbenzene	5.5	ug/Kg	UJ
SEE10041045ARM1	10/4/2010	N-Propylbenzene	5.5	ug/Kg	UJ
SEF10151030PMB3	10/15/2010	N-Propylbenzene	5.4	ug/Kg	U
SEF10081108TDF3	10/8/2010	N-Propylbenzene	5.4	ug/Kg	U
SEE09251235ARM1	9/25/2010	N-Propylbenzene	5.4	ug/Kg	U
SEE08281540JRP1	8/28/2010	N-Propylbenzene	5.4	ug/kg	U
SEF10051206TDF3	10/5/2010	N-Propylbenzene	5.3	ug/Kg	UJ
SEE09140945JRP1	9/14/2010	N-Propylbenzene	5.3	ug/Kg	U
SEE09080930JRP1	9/8/2010	N-Propylbenzene	5.3	ug/Kg	U
SEE09011515JAW1	9/1/2010	N-Propylbenzene	5.3	ug/Kg	U
SEE08301100JRP1	8/30/2010	N-Propylbenzene	5.3	ug/Kg	U
SEE10121040ARM1	10/12/2010	N-Propylbenzene	5.2	ug/Kg	U
SEF10121130PMB3	10/12/2010	N-Propylbenzene	5.2	ug/Kg	U
SEE09221045ARM1	9/22/2010	N-Propylbenzene	5.2	ug/Kg	U
SEE09100920JRP1	9/10/2010	N-Propylbenzene	5.1	ug/Kg	U
SEB08281400JLS1	8/28/2010	N-Propylbenzene	5.1	ug/kg	U
SEE09301025MAE1	9/30/2010	N-Propylbenzene	5.0	ug/Kg	U
SEE09051500JAW1	9/5/2010	N-Propylbenzene	5.0	ug/Kg	U
SEE10051145RCM1	10/5/2010	N-Propylbenzene	4.9	ug/Kg	UJ
SEE09070930JRP1	9/7/2010	N-Propylbenzene	4.9	ug/Kg	U
SEE10061135ARM1	10/6/2010	N-Propylbenzene	4.8	ug/Kg	U
SEE10181030JWP1	10/18/2010	N-Propylbenzene	4.6	ug/Kg	U
SEF09281139TDF1	9/28/2010	N-Propylbenzene	4.3	ug/Kg	U
SEE09231205RCM1	9/23/2010	N-Propylbenzene	3.3	ug/Kg	U
SEE08271445JRP1	8/27/2010	N-Propylbenzene	2.8	ug/kg	U
SEE10211035JDF1	10/21/2010	o-Xylene	620	ug/Kg	U
SEE10191515JDF1	10/19/2010	o-Xylene	560	ug/Kg	U
SEE10211430JDF1	10/21/2010	o-Xylene	540	ug/Kg	U
SEE10191005JDF1	10/19/2010	o-Xylene	540	ug/Kg	U
SEE10221110JDF1	10/22/2010	o-Xylene	530	ug/Kg	U
SEE10221110JDF1	10/22/2010	o-Xylene	530	ug/Kg	U
SEE10191415JDF1	10/19/2010	o-Xylene	510	ug/Kg	U
SEE10191155JDF1	10/19/2010	o-Xylene	490	ug/Kg	U
SEE10211010JWP1	10/21/2010	o-Xylene	470	ug/Kg	U
SEE10191100JDF1	10/19/2010	o-Xylene	470	ug/Kg	U
SEE10221055DWS1	10/22/2010	o-Xylene	450	ug/Kg	U
SEE10191010JWP1	10/19/2010	o-Xylene	450	ug/Kg	U
SEE10221450DWS1	10/22/2010	o-Xylene	240	ug/Kg	U
SEE10211345JWP1	10/21/2010	o-Xylene	220	ug/Kg	U
SEF10221050MAE3	10/22/2010	o-Xylene	150	ug/Kg	U
SEF10191135NAC3	10/19/2010	o-Xylene	150	ug/Kg	U
SEE10191115JWP1	10/19/2010	o-Xylene	130	ug/Kg	U
SEE09200945PML1	9/20/2010	o-Xylene	60	ug/Kg	U
SEE09200945PML1	9/20/2010	o-Xylene	60	ug/Kg	U

**TABLE B-2b**  
**Upstream Sediment Samples (Morrow Lake)**

Sample ID	Sample Date	Analyte	Result	Unit	Data Qualifier
SEE09201115RCM1	9/20/2010	o-Xylene	58	ug/Kg	U
SEE09201645ARM1	9/20/2010	o-Xylene	48	ug/Kg	U
SEE10071042RCM1	10/7/2010	o-Xylene	45	ug/Kg	U
SEE09061500PML1	9/6/2010	o-Xylene	45	ug/Kg	U
SEE08281607TWH1	8/28/2010	o-Xylene	44	ug/kg	U
SEE09301105JDF1	9/30/2010	o-Xylene	42	ug/Kg	U
SEE09181705PML1	9/18/2010	o-Xylene	42	ug/Kg	U
SEE09021400PML1	9/2/2010	o-Xylene	41	ug/Kg	U
SEE08301130PML1	8/30/2010	o-Xylene	41	ug/Kg	U
SEE10091401PML1	10/9/2010	o-Xylene	40	ug/Kg	U
SEE10181035JDF1	10/18/2010	o-Xylene	39	ug/Kg	U
SEE10051125PML1	10/5/2010	o-Xylene	39	ug/Kg	U
SEE08311045PML1	8/31/2010	o-Xylene	39	ug/Kg	U
SEE10141555ARM1	10/14/2010	o-Xylene	38	ug/Kg	U
SEE09101215PML1	9/10/2010	o-Xylene	38	ug/Kg	U
SEE10161530JDF1	10/16/2010	o-Xylene	37	ug/Kg	U
SEE10081115PML1	10/8/2010	o-Xylene	37	ug/Kg	U
SEE09030925PML1	9/3/2010	o-Xylene	37	ug/Kg	U
SEE09031115JAW1	9/3/2010	o-Xylene	37	ug/Kg	U
SEE08281505PML1	8/28/2010	o-Xylene	37	ug/kg	U
SEE10171410JDF1	10/17/2010	o-Xylene	36	ug/Kg	U
SEE09191530PML1	9/19/2010	o-Xylene	36	ug/Kg	U
SEE09181235PML1	9/18/2010	o-Xylene	36	ug/Kg	U
SEE09141135PML1	9/14/2010	o-Xylene	36	ug/Kg	U
SEE09101022PML1	9/10/2010	o-Xylene	36	ug/Kg	U
SEE10171115JDF1	10/17/2010	o-Xylene	35	ug/Kg	U
SEE08311420PML1	8/31/2010	o-Xylene	35	ug/Kg	U
SEE08311420PML1	8/31/2010	o-Xylene	35	ug/Kg	U
SEE08271215PML1	8/27/2010	o-Xylene	35	ug/kg	U
SEE10141015JDF1	10/14/2010	o-Xylene	34	ug/Kg	U
SEE10041530JDF1	10/4/2010	o-Xylene	34	ug/Kg	U
SEE09121105RCM1	9/12/2010	o-Xylene	34	ug/Kg	U
SEE09011545PML1	9/1/2010	o-Xylene	34	ug/Kg	U
SEE08301550PML1	8/30/2010	o-Xylene	34	ug/Kg	U
SEE10181210JDF1	10/18/2010	o-Xylene	33	ug/Kg	U
SEE10181430JWP1	10/18/2010	o-Xylene	33	ug/Kg	U
SEE10181510JDF1	10/18/2010	o-Xylene	33	ug/Kg	U
SEE10181510JDF1	10/18/2010	o-Xylene	33	ug/Kg	U
SEE10131150JDF1	10/13/2010	o-Xylene	33	ug/Kg	U
SEE10101010PML1	10/10/2010	o-Xylene	33	ug/Kg	U
SEE10101215PML1	10/10/2010	o-Xylene	33	ug/Kg	U
SEE10101215PML1	10/10/2010	o-Xylene	33	ug/Kg	U
SEE09140945PML1	9/14/2010	o-Xylene	33	ug/Kg	U
SEE09061525MHS1	9/6/2010	o-Xylene	33	ug/Kg	U
SEE09051130PML1	9/5/2010	o-Xylene	33	ug/Kg	U
SEE09031100PML1	9/3/2010	o-Xylene	33	ug/Kg	U
SEE09021010PML1	9/2/2010	o-Xylene	33	ug/Kg	U
SEE08281630RCM1	8/28/2010	o-Xylene	33	ug/kg	U
SEE10031115JDF1	10/3/2010	o-Xylene	32	ug/Kg	U
SEE10031115JDF1	10/3/2010	o-Xylene	32	ug/Kg	U
SEE09301205RCM1	9/30/2010	o-Xylene	32	ug/Kg	U
SEE09301255JDF1	9/30/2010	o-Xylene	32	ug/Kg	U
SEE09231645JDF1	9/23/2010	o-Xylene	32	ug/Kg	U
SEE09141515PML1	9/14/2010	o-Xylene	32	ug/Kg	U
SEE09101625PML1	9/10/2010	o-Xylene	32	ug/Kg	U
SEE09091005RCM1	9/9/2010	o-Xylene	32	ug/Kg	U
SEE09061105PML1	9/6/2010	o-Xylene	32	ug/Kg	U
SEE09031650PML1	9/3/2010	o-Xylene	32	ug/Kg	U
SEE09031650PML1	9/3/2010	o-Xylene	32	ug/Kg	U
SEE10081231PML1	10/8/2010	o-Xylene	31	ug/Kg	U

**TABLE B-2b**  
**Upstream Sediment Samples (Morrow Lake)**

Sample ID	Sample Date	Analyte	Result	Unit	Data Qualifier
SEE09231210JDF1	9/23/2010	o-Xylene	31	ug/Kg	U
SEE09161045PML1	9/16/2010	o-Xylene	31	ug/Kg	U
SEE09081205PML1	9/8/2010	o-Xylene	31	ug/Kg	U
SEE09071050PML1	9/7/2010	o-Xylene	31	ug/Kg	U
SEE08301145MHS1	8/30/2010	o-Xylene	31	ug/Kg	U
SEE10161115ARM1	10/16/2010	o-Xylene	30	ug/Kg	U
SEE10120930JDF1	10/12/2010	o-Xylene	30	ug/Kg	U
SEE10071101PML1	10/7/2010	o-Xylene	30	ug/Kg	U
SEE09261625JDF1	9/26/2010	o-Xylene	30	ug/Kg	U
SEE09261625JDF1	9/26/2010	o-Xylene	30	ug/Kg	U
SEE09131445RCM1	9/13/2010	o-Xylene	30	ug/Kg	U
SEE09121055PML1	9/12/2010	o-Xylene	30	ug/Kg	U
SEE09121055PML1	9/12/2010	o-Xylene	30	ug/Kg	U
SEE09121436RCM1	9/12/2010	o-Xylene	30	ug/Kg	U
SEE09091410RCM1	9/9/2010	o-Xylene	30	ug/Kg	U
SEE09011050PML1	9/1/2010	o-Xylene	30	ug/Kg	U
SEE10081051RCM1	10/8/2010	o-Xylene	29	ug/Kg	U
SEE10061640PML1	10/6/2010	o-Xylene	29	ug/Kg	U
SEE10061640PML1	10/6/2010	o-Xylene	29	ug/Kg	U
SEE10051653PML1	10/5/2010	o-Xylene	29	ug/Kg	U
SEE09261215JDF1	9/26/2010	o-Xylene	29	ug/Kg	U
SEE09231130ARM1	9/23/2010	o-Xylene	29	ug/Kg	U
SEE09191040PML1	9/19/2010	o-Xylene	29	ug/Kg	U
SEE09131026RCM1	9/13/2010	o-Xylene	29	ug/Kg	U
SEE09131505PML1	9/13/2010	o-Xylene	29	ug/Kg	U
SEE09040950PML1	9/4/2010	o-Xylene	29	ug/Kg	U
SEE10011120JDF1	10/1/2010	o-Xylene	28	ug/Kg	U
SEE09211155JDF1	9/21/2010	o-Xylene	28	ug/Kg	U
SEE09171415PML1	9/17/2010	o-Xylene	28	ug/Kg	U
SEE09151145PML1	9/15/2010	o-Xylene	28	ug/Kg	U
SEE09151145PML1	9/15/2010	o-Xylene	28	ug/Kg	U
SEE09131620PML1	9/13/2010	o-Xylene	28	ug/Kg	U
SEE09121450PML1	9/12/2010	o-Xylene	28	ug/Kg	U
SEE09091515PML1	9/9/2010	o-Xylene	28	ug/Kg	U
SEE09081010PML1	9/8/2010	o-Xylene	28	ug/Kg	U
SEE09081020RCM1	9/8/2010	o-Xylene	28	ug/Kg	U
SEE09011255PML1	9/1/2010	o-Xylene	28	ug/Kg	U
SEE08301015JRP1	8/30/2010	o-Xylene	28	ug/Kg	U
SEE08261420RCM1	8/26/2010	o-Xylene	28	ug/kg	U
SEE10091614PML1	10/9/2010	o-Xylene	27	ug/Kg	U
SEE10061205PML1	10/6/2010	o-Xylene	27	ug/Kg	U
SEE10041150JDF1	10/4/2010	o-Xylene	27	ug/Kg	U
SEE09251135JDF1	9/25/2010	o-Xylene	27	ug/Kg	U
SEE09221440JDF1	9/22/2010	o-Xylene	27	ug/Kg	U
SEE09170839RCM1	9/17/2010	o-Xylene	27	ug/Kg	U
SEE09151015PML1	9/15/2010	o-Xylene	27	ug/Kg	U
SEE08291110PML1	8/29/2010	o-Xylene	27	ug/kg	U
SEE10141150JDF1	10/14/2010	o-Xylene	26	ug/Kg	U
SEE10141550JDF1	10/14/2010	o-Xylene	26	ug/Kg	U
SEE10141550JDF1	10/14/2010	o-Xylene	26	ug/Kg	U
SEE10121155JDF1	10/12/2010	o-Xylene	26	ug/Kg	U
SEE09271130JDF1	9/27/2010	o-Xylene	26	ug/Kg	U
SEE09131125PML1	9/13/2010	o-Xylene	26	ug/Kg	U
SEE09091010PML1	9/9/2010	o-Xylene	26	ug/Kg	U
SEE09091145PML1	9/9/2010	o-Xylene	26	ug/Kg	U
SEE09091410PML1	9/9/2010	o-Xylene	26	ug/Kg	U
SEE09061130MHS1	9/6/2010	o-Xylene	26	ug/Kg	U
SEE09011145PML1	9/1/2010	o-Xylene	26	ug/Kg	U
SEE08301638MHS1	8/30/2010	o-Xylene	26	ug/Kg	U
SEE10151055ARM1	10/15/2010	o-Xylene	25	ug/Kg	U



**TABLE B-2b**  
**Upstream Sediment Samples (Morrow Lake)**

Sample ID	Sample Date	Analyte	Result	Unit	Data Qualifier
SEE10121415ARM1	10/12/2010	o-Xylene	25	ug/Kg	U
SEE10111125JDF1	10/11/2010	o-Xylene	25	ug/Kg	U
SEE10031425JDF1	10/3/2010	o-Xylene	25	ug/Kg	U
SEE09291035JDF1	9/29/2010	o-Xylene	25	ug/Kg	U
SEE09220935RCM1	9/22/2010	o-Xylene	25	ug/Kg	U
SEE09111015PML1	9/11/2010	o-Xylene	25	ug/Kg	U
SEE09051015PML1	9/5/2010	o-Xylene	25	ug/Kg	U
SEE08301445JRP1	8/30/2010	o-Xylene	25	ug/Kg	U
SEE10161415JDF1	10/16/2010	o-Xylene	24	ug/Kg	U
SEE10040945JDF1	10/4/2010	o-Xylene	24	ug/Kg	U
SEE09230955RCM1	9/23/2010	o-Xylene	24	ug/Kg	U
SEE09211530JDF1	9/21/2010	o-Xylene	24	ug/Kg	U
SEE09170945PML1	9/17/2010	o-Xylene	24	ug/Kg	U
SEE09171125PML1	9/17/2010	o-Xylene	24	ug/Kg	U
SEE09130955JRP1	9/13/2010	o-Xylene	24	ug/Kg	U
SEE09091605PML1	9/9/2010	o-Xylene	24	ug/Kg	U
SEE09041350PML1	9/4/2010	o-Xylene	24	ug/Kg	U
SEE10071205PML1	10/7/2010	o-Xylene	23	ug/Kg	U
SEE10071540PML1	10/7/2010	o-Xylene	23	ug/Kg	U
SEE10041335JDF1	10/4/2010	o-Xylene	23	ug/Kg	U
SEE09271025ARM1	9/27/2010	o-Xylene	23	ug/Kg	U
SEE09171530PML1	9/17/2010	o-Xylene	23	ug/Kg	U
SEE09051430PML1	9/5/2010	o-Xylene	23	ug/Kg	U
SEE08271500PML1	8/27/2010	o-Xylene	23	ug/kg	U
SEE10150945JDF1	10/15/2010	o-Xylene	22	ug/Kg	U
SEE10111011JDF1	10/11/2010	o-Xylene	22	ug/Kg	U
SEE10111350JDF1	10/11/2010	o-Xylene	22	ug/Kg	U
SEE10061051RCM1	10/6/2010	o-Xylene	22	ug/Kg	U
SEE10041355ARM1	10/4/2010	o-Xylene	22	ug/Kg	U
SEE09271515JDF1	9/27/2010	o-Xylene	22	ug/Kg	U
SEE09221105JDF1	9/22/2010	o-Xylene	22	ug/Kg	U
SEE09130940PML1	9/13/2010	o-Xylene	22	ug/Kg	U
SEE08281215PML1	8/28/2010	o-Xylene	22	ug/kg	U
SEE10121030JDF1	10/12/2010	o-Xylene	21	ug/Kg	U
SEE09290925JDF1	9/29/2010	o-Xylene	21	ug/Kg	U
SEE09091025JRP1	9/9/2010	o-Xylene	21	ug/Kg	U
SEE09011635PML1	9/1/2010	o-Xylene	21	ug/Kg	U
SEE08301520JRP1	8/30/2010	o-Xylene	21	ug/Kg	U
SEE08281420TWH1	8/28/2010	o-Xylene	21	ug/kg	U
SEE08261445JRP1	8/26/2010	o-Xylene	21	ug/Kg	U
SEE10161055JDF1	10/16/2010	o-Xylene	20	ug/Kg	U
SEE10151355ARM1	10/15/2010	o-Xylene	20	ug/Kg	U
SEE10071415ARM1	10/7/2010	o-Xylene	20	ug/Kg	U
SEE09031140MHS1	9/3/2010	o-Xylene	20	ug/Kg	U
SEE08291421KAP1	8/29/2010	o-Xylene	20	ug/kg	U
SEE08271145RCM1	8/27/2010	o-Xylene	20	ug/kg	U
SEE10041050JDF1	10/4/2010	o-Xylene	19	ug/Kg	U
SEE09301255MAE1	9/30/2010	o-Xylene	19	ug/Kg	U
SEE09291645JDF1	9/29/2010	o-Xylene	19	ug/Kg	U
SEE09051550MHS1	9/5/2010	o-Xylene	19	ug/Kg	U
SEE09031645MHS1	9/3/2010	o-Xylene	19	ug/Kg	U
SEE10041138RCM1	10/4/2010	o-Xylene	18	ug/Kg	U
SEE09221615JDF1	9/22/2010	o-Xylene	18	ug/Kg	U
SEE09191445RCM1	9/19/2010	o-Xylene	18	ug/Kg	U
SEE08311010JRP1	8/31/2010	o-Xylene	18	ug/Kg	U
SEE09250905RCM1	9/25/2010	o-Xylene	17	ug/Kg	U
SEE09200911RCM1	9/20/2010	o-Xylene	17	ug/Kg	U
SEE09090900JRP1	9/9/2010	o-Xylene	17	ug/Kg	U
SEE09011545MHS1	9/1/2010	o-Xylene	17	ug/Kg	U
SEE08281510TWH1	8/28/2010	o-Xylene	17	ug/kg	U

**TABLE B-2b**  
**Upstream Sediment Samples (Morrow Lake)**

Sample ID	Sample Date	Analyte	Result	Unit	Data Qualifier
SEE10170915JDF1	10/17/2010	o-Xylene	16	ug/Kg	U
SEE09291135JDF1	9/29/2010	o-Xylene	16	ug/Kg	U
SEE09260930RCM1	9/26/2010	o-Xylene	16	ug/Kg	U
SEE09201110ARM1	9/20/2010	o-Xylene	15	ug/Kg	U
SEE08301530JAW1	8/30/2010	o-Xylene	15	ug/Kg	U
SEE08291550KAP1	8/29/2010	o-Xylene	15	ug/kg	U
SEE10071151RCM1	10/7/2010	o-Xylene	14	ug/Kg	U
SEE09211112RCM1	9/21/2010	o-Xylene	14	ug/Kg	U
SEE08311348MHS1	8/31/2010	o-Xylene	14	ug/Kg	U
SEE08300920JRP1	8/30/2010	o-Xylene	14	ug/Kg	U
SEE08261620RCM1	8/26/2010	o-Xylene	14	ug/kg	U
SEE10141025ARM1	10/14/2010	o-Xylene	12	ug/Kg	U
SEE09130915JRP1	9/13/2010	o-Xylene	12	ug/Kg	U
SEE10091200ARM1	10/9/2010	o-Xylene	11	ug/Kg	U
SEE09291023RCM1	9/29/2010	o-Xylene	11	ug/Kg	U
SEE09171445RCM1	9/17/2010	o-Xylene	11	ug/Kg	U
SEE09161035RCM1	9/16/2010	o-Xylene	11	ug/Kg	U
SEE09141312RCM1	9/14/2010	o-Xylene	10	ug/Kg	U
SEE08291445PML1	8/29/2010	o-Xylene	10	ug/kg	U
SEE08291354KAP1	8/29/2010	o-Xylene	9.3	ug/kg	U
SEE10051415ARM1	10/5/2010	o-Xylene	8.7	ug/Kg	U
SEE09061610JAW1	9/6/2010	o-Xylene	8.5	ug/Kg	U
SEE10011125ARM1	10/1/2010	o-Xylene	8.2	ug/Kg	U
SEE08261700JRP1	8/26/2010	o-Xylene	8.2	ug/Kg	U
SEE09051500MHS1	9/5/2010	o-Xylene	8.0	ug/Kg	U
SEE10171535ARM1	10/17/2010	o-Xylene	7.9	ug/Kg	U
SEE09231035ARM1	9/23/2010	o-Xylene	7.9	ug/Kg	U
SEE09171200ARM1	9/17/2010	o-Xylene	7.9	ug/Kg	U
SEE08271614TWH1	8/27/2010	o-Xylene	7.8	ug/kg	U
SEE10081035ARM1	10/8/2010	o-Xylene	7.6	ug/Kg	U
SEE08271652TWH1	8/27/2010	o-Xylene	7.6	ug/kg	U
SEE09100945RCM1	9/10/2010	o-Xylene	7.5	ug/Kg	U
SEE09211120ARM1	9/21/2010	o-Xylene	7.4	ug/Kg	U
SEB09011143JLS1	9/1/2010	o-Xylene	7.1	ug/Kg	U
SEE08301410JRP1	8/30/2010	o-Xylene	7.0	ug/Kg	U
SEE09281445RCM1	9/28/2010	o-Xylene	6.5	ug/Kg	U
SEE08271536TWH1	8/27/2010	o-Xylene	6.3	ug/kg	U
SEE09271500ARM1	9/27/2010	o-Xylene	6.2	ug/Kg	U
SEE09170935RCM1	9/17/2010	o-Xylene	6.1	ug/Kg	U
SEF10011045TDF1	10/1/2010	o-Xylene	6.0	ug/Kg	U
SEE09150915JRP1	9/15/2010	o-Xylene	6.0	ug/Kg	U
SEE10011043RCM1	10/1/2010	o-Xylene	5.8	ug/Kg	U
SEE09290915MAE1	9/29/2010	o-Xylene	5.8	ug/Kg	U
SEE10131035ARM1	10/13/2010	o-Xylene	5.5	ug/Kg	U
SEE10071045ARM1	10/7/2010	o-Xylene	5.5	ug/Kg	U
SEE10041045ARM1	10/4/2010	o-Xylene	5.5	ug/Kg	U
SEF10151030PMB3	10/15/2010	o-Xylene	5.4	ug/Kg	U
SEF10081108TDF3	10/8/2010	o-Xylene	5.4	ug/Kg	U
SEE09251235ARM1	9/25/2010	o-Xylene	5.4	ug/Kg	U
SEE08281540JRP1	8/28/2010	o-Xylene	5.4	ug/kg	U
SEF10051206TDF3	10/5/2010	o-Xylene	5.3	ug/Kg	U
SEE09140945JRP1	9/14/2010	o-Xylene	5.3	ug/Kg	U
SEE09080930JRP1	9/8/2010	o-Xylene	5.3	ug/Kg	U
SEE09011515JAW1	9/1/2010	o-Xylene	5.3	ug/Kg	U
SEE08301100JRP1	8/30/2010	o-Xylene	5.3	ug/Kg	U
SEE10121040ARM1	10/12/2010	o-Xylene	5.2	ug/Kg	U
SEF10121130PMB3	10/12/2010	o-Xylene	5.2	ug/Kg	U
SEE09221045ARM1	9/22/2010	o-Xylene	5.2	ug/Kg	U
SEE09100920JRP1	9/10/2010	o-Xylene	5.1	ug/Kg	U
SEB08281400JLS1	8/28/2010	o-Xylene	5.1	ug/kg	U

**TABLE B-2b**  
**Upstream Sediment Samples (Morrow Lake)**

Sample ID	Sample Date	Analyte	Result	Unit	Data Qualifier
SEE09301025MAE1	9/30/2010	o-Xylene	5.0	ug/Kg	U
SEE09051500JAW1	9/5/2010	o-Xylene	5.0	ug/Kg	U
SEE10051145RCM1	10/5/2010	o-Xylene	4.9	ug/Kg	U
SEE09070930JRP1	9/7/2010	o-Xylene	4.9	ug/Kg	U
SEE10181030JWP1	10/18/2010	o-Xylene	4.6	ug/Kg	U
SEF09281139TDF1	9/28/2010	o-Xylene	4.3	ug/Kg	U
SEE09231205RCM1	9/23/2010	o-Xylene	3.3	ug/Kg	U
SEE08271445JRP1	8/27/2010	o-Xylene	2.8	ug/kg	U
SEE10061135ARM1	10/6/2010	o-Xylene	1.5	ug/Kg	J
ML-07-S-082510	8/25/2010	o-Xylene	0.73	mg/Kg	U
ML-03-S-082510	8/25/2010	o-Xylene	0.43	mg/Kg	U
ML-06-S-082510	8/25/2010	o-Xylene	0.42	mg/Kg	U
ML-07-S-082410	8/24/2010	o-Xylene	0.41	mg/Kg	UJ
ML-06-S-082010	8/20/2010	o-Xylene	0.38	mg/Kg	U
ML-08-S-082510	8/25/2010	o-Xylene	0.37	mg/Kg	U
ML-08-S-082410	8/24/2010	o-Xylene	0.37	mg/Kg	UJ
ML-06-S-082310	8/23/2010	o-Xylene	0.37	mg/Kg	U
ML-07-S-082110	8/21/2010	o-Xylene	0.37	mg/Kg	U
ML-08-S-082110	8/21/2010	o-Xylene	0.37	mg/Kg	U
ML-10-S-082110	8/21/2010	o-Xylene	0.37	mg/Kg	U
ML-10-S-082110	8/21/2010	o-Xylene	0.37	mg/Kg	U
ML-10-S-081910	8/19/2010	o-Xylene	0.37	mg/Kg	U
ML-10-S-081910	8/19/2010	o-Xylene	0.37	mg/Kg	U
ML-07-S-081810	8/18/2010	o-Xylene	0.37	mg/Kg	UJ
ML-09-S-081810	8/18/2010	o-Xylene	0.37	mg/Kg	UJ
ML-10-S-082410	8/24/2010	o-Xylene	0.36	mg/Kg	UJ
ML-10-S-082410	8/24/2010	o-Xylene	0.36	mg/Kg	UJ
ML-01-S-081610	8/16/2010	o-Xylene	0.35	mg/Kg	U
ML-10-S-081610	8/16/2010	o-Xylene	0.35	mg/Kg	U
ML-10-S-081610	8/16/2010	o-Xylene	0.35	mg/Kg	U
ML-04-S-082410	8/24/2010	o-Xylene	0.34	mg/Kg	UJ
ML-03-S-082310	8/23/2010	o-Xylene	0.34	mg/Kg	U
ML-10-S-082110-D	8/21/2010	o-Xylene	0.34	mg/Kg	U
ML-10-S-082110-D	8/21/2010	o-Xylene	0.34	mg/Kg	U
ML-07-S-081610	8/16/2010	o-Xylene	0.34	mg/Kg	U
ML-08-S-081610-D	8/16/2010	o-Xylene	0.34	mg/Kg	U
ML-04-S-082610	8/26/2010	o-Xylene	0.33	mg/Kg	U
ML-05-S-082310	8/23/2010	o-Xylene	0.33	mg/Kg	U
ML-05-S-082010	8/20/2010	o-Xylene	0.33	mg/Kg	U
ML-10-S-082610	8/26/2010	o-Xylene	0.32	mg/Kg	U
ML-10-S-082610	8/26/2010	o-Xylene	0.32	mg/Kg	U
ML-06-S-081710	8/17/2010	o-Xylene	0.32	mg/Kg	U
ML-08-S-081610	8/16/2010	o-Xylene	0.32	mg/Kg	U
ML-01-S-082510	8/25/2010	o-Xylene	0.31	mg/Kg	U
ML-09-S-082510	8/25/2010	o-Xylene	0.31	mg/Kg	U
ML-09-S-082410	8/24/2010	o-Xylene	0.31	mg/Kg	UJ
ML-02-S-081710	8/17/2010	o-Xylene	0.31	mg/Kg	U
ML-02-S-082510	8/25/2010	o-Xylene	0.28	mg/Kg	U
ML-09-S-082110	8/21/2010	o-Xylene	0.28	mg/Kg	U
ML-01-S-082110	8/21/2010	o-Xylene	0.27	mg/Kg	U
ML-04-S-081710	8/17/2010	o-Xylene	0.27	mg/Kg	U
ML-05-S-081710	8/17/2010	o-Xylene	0.27	mg/Kg	U
ML-02-S-082310	8/23/2010	o-Xylene	0.25	mg/Kg	U
ML-04-S-082010	8/20/2010	o-Xylene	0.25	mg/Kg	U
ML-01-S-081910	8/19/2010	o-Xylene	0.25	mg/Kg	U
ML-02-S-082010	8/20/2010	o-Xylene	0.22	mg/Kg	U
ML-03-S-081610	8/16/2010	o-Xylene	0.22	mg/Kg	U
ML-03-S-082010	8/20/2010	o-Xylene	0.19	mg/Kg	U
ML-05-S-082610	8/26/2010	o-Xylene	0.17	mg/Kg	U
SEE08261620RCM1	8/26/2010	PCB-1016	180	ug/kg	U

**TABLE B-2b**  
**Upstream Sediment Samples (Morrow Lake)**

Sample ID	Sample Date	Analyte	Result	Unit	Data Qualifier
SEE08281607TWH1	8/28/2010	PCB-1016	170	ug/kg	U
SEE08281630RCM1	8/28/2010	PCB-1016	170	ug/kg	U
SEE10091200ARM1	10/9/2010	PCB-1016	160	ug/Kg	U
SEE08281505PML1	8/28/2010	PCB-1016	150	ug/kg	U
SEE08271215PML1	8/27/2010	PCB-1016	150	ug/kg	U
SEE08261420RCM1	8/26/2010	PCB-1016	150	ug/kg	U
SEE10181430JWP1	10/18/2010	PCB-1016	140	ug/Kg	U
SEE08301520JRP1	8/30/2010	PCB-1016	140	ug/Kg	U
SEE08271500PML1	8/27/2010	PCB-1016	140	ug/kg	U
SEE08271145RCM1	8/27/2010	PCB-1016	130	ug/kg	U
SEE10151055ARM1	10/15/2010	PCB-1016	120	ug/Kg	U
SEE10121415ARM1	10/12/2010	PCB-1016	120	ug/Kg	U
SEE08291110PML1	8/29/2010	PCB-1016	120	ug/kg	U
SEE08281215PML1	8/28/2010	PCB-1016	120	ug/kg	U
SEE08281420TWH1	8/28/2010	PCB-1016	120	ug/kg	U
SEE08291421KAP1	8/29/2010	PCB-1016	110	ug/kg	U
SEE08281510TWH1	8/28/2010	PCB-1016	110	ug/kg	U
SEE08311010JRP1	8/31/2010	PCB-1016	97	ug/Kg	U
SEE10151355ARM1	10/15/2010	PCB-1016	96	ug/Kg	U
SEE09021400PML1	9/2/2010	PCB-1016	94	ug/Kg	U
SEE10071415ARM1	10/7/2010	PCB-1016	93	ug/Kg	U
SEE09301105JDF1	9/30/2010	PCB-1016	93	ug/Kg	U
SEE09090900JRP1	9/9/2010	PCB-1016	93	ug/Kg	U
SEE09061500PML1	9/6/2010	PCB-1016	93	ug/Kg	U
SEE10051125PML1	10/5/2010	PCB-1016	91	ug/Kg	U
SEE09181235PML1	9/18/2010	PCB-1016	90	ug/Kg	U
SEE08301130PML1	8/30/2010	PCB-1016	90	ug/Kg	U
SEE09231645JDF1	9/23/2010	PCB-1016	88	ug/Kg	U
SEE10171410JDF1	10/17/2010	PCB-1016	87	ug/Kg	U
SEE09101022PML1	9/10/2010	PCB-1016	87	ug/Kg	UJ
SEE09101215PML1	9/10/2010	PCB-1016	87	ug/Kg	UJ
SEE09011545MHS1	9/1/2010	PCB-1016	87	ug/Kg	U
SEE09011545PML1	9/1/2010	PCB-1016	87	ug/Kg	U
SEE10091401PML1	10/9/2010	PCB-1016	86	ug/Kg	U
SEE09121105RCM1	9/12/2010	PCB-1016	86	ug/Kg	UJ
SEE09031645MHS1	9/3/2010	PCB-1016	86	ug/Kg	U
SEE08291550KAP1	8/29/2010	PCB-1016	86	ug/kg	U
SEE09141135PML1	9/14/2010	PCB-1016	85	ug/Kg	U
SEE08311420PML1	8/31/2010	PCB-1016	85	ug/Kg	U
SEE08311420PML1	8/31/2010	PCB-1016	85	ug/Kg	U
SEE10131150JDF1	10/13/2010	PCB-1016	83	ug/Kg	U
SEE10081115PML1	10/8/2010	PCB-1016	83	ug/Kg	U
SEE09081020RCM1	9/8/2010	PCB-1016	83	ug/Kg	U
SEE09051550MHS1	9/5/2010	PCB-1016	83	ug/Kg	U
SEE09030925PML1	9/3/2010	PCB-1016	83	ug/Kg	U
SEE08301550PML1	8/30/2010	PCB-1016	83	ug/Kg	U
SEE09301255JDF1	9/30/2010	PCB-1016	82	ug/Kg	U
SEE09140945PML1	9/14/2010	PCB-1016	82	ug/Kg	U
SEE09061525MHS1	9/6/2010	PCB-1016	82	ug/Kg	U
SEE09291023RCM1	9/29/2010	PCB-1016	81	ug/Kg	U
SEE09161045PML1	9/16/2010	PCB-1016	81	ug/Kg	U
SEE09131026RCM1	9/13/2010	PCB-1016	81	ug/Kg	U
SEE09091410RCM1	9/9/2010	PCB-1016	81	ug/Kg	U
SEE09231210JDF1	9/23/2010	PCB-1016	80	ug/Kg	U
SEE09121436RCM1	9/12/2010	PCB-1016	80	ug/Kg	U
SEE09101625PML1	9/10/2010	PCB-1016	80	ug/Kg	UJ
SEE09071050PML1	9/7/2010	PCB-1016	80	ug/Kg	U
SEE09021010PML1	9/2/2010	PCB-1016	80	ug/Kg	U
SEE10091614PML1	10/9/2010	PCB-1016	79	ug/Kg	U
SEE10041530JDF1	10/4/2010	PCB-1016	79	ug/Kg	U

**TABLE B-2b**  
**Upstream Sediment Samples (Morrow Lake)**

Sample ID	Sample Date	Analyte	Result	Unit	Data Qualifier
SEE10031115JDF1	10/3/2010	PCB-1016	79	ug/Kg	U
SEE10031115JDF1	10/3/2010	PCB-1016	79	ug/Kg	U
SEE09051130PML1	9/5/2010	PCB-1016	79	ug/Kg	U
SEE09031100PML1	9/3/2010	PCB-1016	79	ug/Kg	U
SEE08301638MHS1	8/30/2010	PCB-1016	79	ug/Kg	U
SEE10181035JDF1	10/18/2010	PCB-1016	78	ug/Kg	U
SEE10051653PML1	10/5/2010	PCB-1016	78	ug/Kg	U
SEE09200945PML1	9/20/2010	PCB-1016	78	ug/Kg	U
SEE09200945PML1	9/20/2010	PCB-1016	78	ug/Kg	U
SEE09171415PML1	9/17/2010	PCB-1016	78	ug/Kg	U
SEE09131505PML1	9/13/2010	PCB-1016	78	ug/Kg	U
SEE10181510JDF1	10/18/2010	PCB-1016	77	ug/Kg	U
SEE10181510JDF1	10/18/2010	PCB-1016	77	ug/Kg	U
SEE10101215PML1	10/10/2010	PCB-1016	77	ug/Kg	U
SEE10101215PML1	10/10/2010	PCB-1016	77	ug/Kg	U
SEE09220935RCM1	9/22/2010	PCB-1016	77	ug/Kg	UJ
SEE09181705PML1	9/18/2010	PCB-1016	77	ug/Kg	U
SEE09141515PML1	9/14/2010	PCB-1016	77	ug/Kg	U
SEE09131445RCM1	9/13/2010	PCB-1016	77	ug/Kg	U
SEE10171115JDF1	10/17/2010	PCB-1016	76	ug/Kg	U
SEE10141015JDF1	10/14/2010	PCB-1016	76	ug/Kg	U
SEE10141555ARM1	10/14/2010	PCB-1016	76	ug/Kg	U
SEE10101010PML1	10/10/2010	PCB-1016	76	ug/Kg	U
SEE10081051RCM1	10/8/2010	PCB-1016	76	ug/Kg	U
SEE10041138RCM1	10/4/2010	PCB-1016	76	ug/Kg	U
SEE09261625JDF1	9/26/2010	PCB-1016	76	ug/Kg	U
SEE09261625JDF1	9/26/2010	PCB-1016	76	ug/Kg	U
SEE09191040PML1	9/19/2010	PCB-1016	76	ug/Kg	U
SEE09081205PML1	9/8/2010	PCB-1016	76	ug/Kg	U
SEE09061105PML1	9/6/2010	PCB-1016	76	ug/Kg	U
SEE09031650PML1	9/3/2010	PCB-1016	76	ug/Kg	U
SEE09031650PML1	9/3/2010	PCB-1016	76	ug/Kg	U
SEE10161530JDF1	10/16/2010	PCB-1016	75	ug/Kg	U
SEE10141150JDF1	10/14/2010	PCB-1016	75	ug/Kg	U
SEE10141550JDF1	10/14/2010	PCB-1016	75	ug/Kg	U
SEE10141550JDF1	10/14/2010	PCB-1016	75	ug/Kg	U
SEE10061051RCM1	10/6/2010	PCB-1016	75	ug/Kg	U
SEE09191445RCM1	9/19/2010	PCB-1016	75	ug/Kg	U
SEE09170839RCM1	9/17/2010	PCB-1016	75	ug/Kg	U
SEE09091515PML1	9/9/2010	PCB-1016	75	ug/Kg	U
SEE08301145MHS1	8/30/2010	PCB-1016	75	ug/Kg	U
SEE09260930RCM1	9/26/2010	PCB-1016	74	ug/Kg	U
SEE09261215JDF1	9/26/2010	PCB-1016	74	ug/Kg	U
SEE09230955RCM1	9/23/2010	PCB-1016	74	ug/Kg	U
SEE09191530PML1	9/19/2010	PCB-1016	74	ug/Kg	U
SEE09151145PML1	9/15/2010	PCB-1016	74	ug/Kg	U
SEE09151145PML1	9/15/2010	PCB-1016	74	ug/Kg	U
SEE09081010PML1	9/8/2010	PCB-1016	74	ug/Kg	U
SEE10181210JDF1	10/18/2010	PCB-1016	73	ug/Kg	U
SEE10120930JDF1	10/12/2010	PCB-1016	73	ug/Kg	U
SEE10061205PML1	10/6/2010	PCB-1016	73	ug/Kg	U
SEE10011120JDF1	10/1/2010	PCB-1016	73	ug/Kg	U
SEE09161035RCM1	9/16/2010	PCB-1016	73	ug/Kg	U
SEE09121055PML1	9/12/2010	PCB-1016	73	ug/Kg	U
SEE09121055PML1	9/12/2010	PCB-1016	73	ug/Kg	U
SEE09031140MHS1	9/3/2010	PCB-1016	73	ug/Kg	U
SEE09011050PML1	9/1/2010	PCB-1016	73	ug/Kg	U
SEE08311045PML1	8/31/2010	PCB-1016	73	ug/Kg	U
SEE10081231PML1	10/8/2010	PCB-1016	72	ug/Kg	U
SEE10071101PML1	10/7/2010	PCB-1016	72	ug/Kg	U

**TABLE B-2b**  
**Upstream Sediment Samples (Morrow Lake)**

Sample ID	Sample Date	Analyte	Result	Unit	Data Qualifier
SEE09251135JDF1	9/25/2010	PCB-1016	72	ug/Kg	U
SEE09171445RCM1	9/17/2010	PCB-1016	72	ug/Kg	U
SEE09151015PML1	9/15/2010	PCB-1016	72	ug/Kg	U
SEE10150945JDF1	10/15/2010	PCB-1016	71	ug/Kg	U
SEE10121155JDF1	10/12/2010	PCB-1016	71	ug/Kg	U
SEE10071042RCM1	10/7/2010	PCB-1016	71	ug/Kg	U
SEE09221440JDF1	9/22/2010	PCB-1016	71	ug/Kg	U
SEE09211155JDF1	9/21/2010	PCB-1016	71	ug/Kg	U
SEE09121450PML1	9/12/2010	PCB-1016	71	ug/Kg	U
SEE09111015PML1	9/11/2010	PCB-1016	71	ug/Kg	U
SEE09091005RCM1	9/9/2010	PCB-1016	71	ug/Kg	U
SEE10161115ARM1	10/16/2010	PCB-1016	70	ug/Kg	U
SEE09041350PML1	9/4/2010	PCB-1016	70	ug/Kg	U
SEE10041150JDF1	10/4/2010	PCB-1016	69	ug/Kg	U
SEE09301205RCM1	9/30/2010	PCB-1016	69	ug/Kg	U
SEE09271130JDF1	9/27/2010	PCB-1016	69	ug/Kg	U
SEE09201115RCM1	9/20/2010	PCB-1016	69	ug/Kg	U
SEE09091605PML1	9/9/2010	PCB-1016	69	ug/Kg	UJ
SEE09061130MHS1	9/6/2010	PCB-1016	69	ug/Kg	U
SEE09040950PML1	9/4/2010	PCB-1016	69	ug/Kg	U
SEE08291354KAP1	8/29/2010	PCB-1016	69	ug/kg	U
SEE10111125JDF1	10/11/2010	PCB-1016	68	ug/Kg	U
SEE10061640PML1	10/6/2010	PCB-1016	68	ug/Kg	U
SEE10061640PML1	10/6/2010	PCB-1016	68	ug/Kg	U
SEE10031425JDF1	10/3/2010	PCB-1016	68	ug/Kg	UJ
SEE09250905RCM1	9/25/2010	PCB-1016	68	ug/Kg	U
SEE09131125PML1	9/13/2010	PCB-1016	68	ug/Kg	U
SEE09011255PML1	9/1/2010	PCB-1016	68	ug/Kg	U
SEE09131620PML1	9/13/2010	PCB-1016	67	ug/Kg	UJ
SEE09170945PML1	9/17/2010	PCB-1016	66	ug/Kg	UJ
SEE08261445JRP1	8/26/2010	PCB-1016	66	ug/Kg	U
SEE09211530JDF1	9/21/2010	PCB-1016	65	ug/Kg	UJ
SEE09091010PML1	9/9/2010	PCB-1016	65	ug/Kg	U
SEE09291035JDF1	9/29/2010	PCB-1016	64	ug/Kg	UJ
SEE09171125PML1	9/17/2010	PCB-1016	64	ug/Kg	U
SEE09130940PML1	9/13/2010	PCB-1016	64	ug/Kg	UJ
SEE09091145PML1	9/9/2010	PCB-1016	64	ug/Kg	U
SEE09091410PML1	9/9/2010	PCB-1016	64	ug/Kg	U
SEE08301015JRP1	8/30/2010	PCB-1016	64	ug/Kg	U
SEE08301445JRP1	8/30/2010	PCB-1016	64	ug/Kg	U
SEE10161055JDF1	10/16/2010	PCB-1016	63	ug/Kg	U
SEE10161415JDF1	10/16/2010	PCB-1016	63	ug/Kg	U
SEE09051015PML1	9/5/2010	PCB-1016	63	ug/Kg	U
SEE08301530JAW1	8/30/2010	PCB-1016	63	ug/Kg	U
SEE101111011JDF1	10/11/2010	PCB-1016	62	ug/Kg	U
SEE10071205PML1	10/7/2010	PCB-1016	62	ug/Kg	U
SEE09221105JDF1	9/22/2010	PCB-1016	62	ug/Kg	UJ
SEE09201645ARM1	9/20/2010	PCB-1016	62	ug/Kg	U
SEE09171530PML1	9/17/2010	PCB-1016	62	ug/Kg	U
SEE09031115JAW1	9/3/2010	PCB-1016	62	ug/Kg	U
SEE10111350JDF1	10/11/2010	PCB-1016	61	ug/Kg	U
SEE09271515JDF1	9/27/2010	PCB-1016	61	ug/Kg	U
SEE09091025JRP1	9/9/2010	PCB-1016	61	ug/Kg	U
SEE09051430PML1	9/5/2010	PCB-1016	61	ug/Kg	U
SEE10071540PML1	10/7/2010	PCB-1016	60	ug/Kg	U
SEE09290925JDF1	9/29/2010	PCB-1016	60	ug/Kg	U
SEE09211112RCM1	9/21/2010	PCB-1016	60	ug/Kg	U
SEE09011635PML1	9/1/2010	PCB-1016	60	ug/Kg	U
SEE09301255MAE1	9/30/2010	PCB-1016	59	ug/Kg	U
SEE09271025ARM1	9/27/2010	PCB-1016	59	ug/Kg	U

**TABLE B-2b**  
**Upstream Sediment Samples (Morrow Lake)**

Sample ID	Sample Date	Analyte	Result	Unit	Data Qualifier
SEE09231130ARM1	9/23/2010	PCB-1016	59	ug/Kg	U
SEE09221615JDF1	9/22/2010	PCB-1016	59	ug/Kg	UJ
SEE09011145PML1	9/1/2010	PCB-1016	59	ug/Kg	U
SEE10121030JDF1	10/12/2010	PCB-1016	58	ug/Kg	U
SEE10041335JDF1	10/4/2010	PCB-1016	58	ug/Kg	U
SEE08271614TWH1	8/27/2010	PCB-1016	58	ug/kg	U
SEE08291445PML1	8/29/2010	PCB-1016	57	ug/kg	U
SEE10040945JDF1	10/4/2010	PCB-1016	56	ug/Kg	U
SEE10041050JDF1	10/4/2010	PCB-1016	56	ug/Kg	U
SEE09130955JRP1	9/13/2010	PCB-1016	56	ug/Kg	UJ
SEE09291645JDF1	9/29/2010	PCB-1016	55	ug/Kg	U
SEE09141312RCM1	9/14/2010	PCB-1016	55	ug/Kg	UJ
SEE08271652TWH1	8/27/2010	PCB-1016	53	ug/kg	U
SEE10041355ARM1	10/4/2010	PCB-1016	50	ug/Kg	U
SEE09291135JDF1	9/29/2010	PCB-1016	48	ug/Kg	U
SEE08311348MHS1	8/31/2010	PCB-1016	47	ug/Kg	U
SEE08271445JRP1	8/27/2010	PCB-1016	47	ug/kg	U
SEE10170915JDF1	10/17/2010	PCB-1016	46	ug/Kg	U
SEE08271536TWH1	8/27/2010	PCB-1016	46	ug/kg	U
SEB08281400JLS1	8/28/2010	PCB-1016	44	ug/kg	U
SEE10071151RCM1	10/7/2010	PCB-1016	43	ug/Kg	U
SEE08281540JRP1	8/28/2010	PCB-1016	43	ug/kg	U
SEE08300920JRP1	8/30/2010	PCB-1016	41	ug/Kg	U
SEE09051500MHS1	9/5/2010	PCB-1016	38	ug/Kg	U
SEE10141025ARM1	10/14/2010	PCB-1016	35	ug/Kg	U
SEE09130915JRP1	9/13/2010	PCB-1016	33	ug/Kg	U
SEE09061610JAW1	9/6/2010	PCB-1016	30	ug/Kg	U
SEE10051415ARM1	10/5/2010	PCB-1016	29	ug/Kg	U
SEE10171535ARM1	10/17/2010	PCB-1016	28	ug/Kg	U
SEE08261700JRP1	8/26/2010	PCB-1016	27	ug/Kg	U
SEE09100945RCM1	9/10/2010	PCB-1016	26	ug/Kg	U
SEE10011125ARM1	10/1/2010	PCB-1016	25	ug/Kg	U
SEE09201110ARM1	9/20/2010	PCB-1016	25	ug/Kg	U
SEE08301410JRP1	8/30/2010	PCB-1016	25	ug/Kg	U
SEE10081035ARM1	10/8/2010	PCB-1016	24	ug/Kg	U
SEE09290915MAE1	9/29/2010	PCB-1016	24	ug/Kg	U
SEE09211120ARM1	9/21/2010	PCB-1016	24	ug/Kg	U
SEE09171200ARM1	9/17/2010	PCB-1016	24	ug/Kg	U
SEF10081108TDF3	10/8/2010	PCB-1016	23	ug/Kg	U
SEF10011045TDF1	10/1/2010	PCB-1016	23	ug/Kg	U
SEE09271500ARM1	9/27/2010	PCB-1016	23	ug/Kg	U
SEE09231205RCM1	9/23/2010	PCB-1016	23	ug/Kg	U
SEE09200911RCM1	9/20/2010	PCB-1016	23	ug/Kg	U
SEE09140945JRP1	9/14/2010	PCB-1016	23	ug/Kg	U
SEF10121130PMB3	10/12/2010	PCB-1016	22	ug/Kg	U
SEE10071045ARM1	10/7/2010	PCB-1016	22	ug/Kg	U
SEE09281445RCM1	9/28/2010	PCB-1016	22	ug/Kg	U
SEE09251235ARM1	9/25/2010	PCB-1016	22	ug/Kg	U
SEE09231035ARM1	9/23/2010	PCB-1016	22	ug/Kg	U
SEE09170935RCM1	9/17/2010	PCB-1016	22	ug/Kg	U
SEE09150915JRP1	9/15/2010	PCB-1016	22	ug/Kg	U
SEB09011143JLS1	9/1/2010	PCB-1016	22	ug/Kg	U
SEE08301100JRP1	8/30/2010	PCB-1016	22	ug/Kg	U
SEF10151030PMB3	10/15/2010	PCB-1016	21	ug/Kg	U
SEE10061135ARM1	10/6/2010	PCB-1016	21	ug/Kg	U
SEE10051145RCM1	10/5/2010	PCB-1016	21	ug/Kg	U
SEF10051206TDF3	10/5/2010	PCB-1016	21	ug/Kg	U
SEE10041045ARM1	10/4/2010	PCB-1016	21	ug/Kg	U
SEE10011043RCM1	10/1/2010	PCB-1016	21	ug/Kg	U
SEE09301025MAE1	9/30/2010	PCB-1016	21	ug/Kg	U

**TABLE B-2b**  
**Upstream Sediment Samples (Morrow Lake)**

Sample ID	Sample Date	Analyte	Result	Unit	Data Qualifier
SEE09221045ARM1	9/22/2010	PCB-1016	21	ug/Kg	U
SEE09100920JRP1	9/10/2010	PCB-1016	21	ug/Kg	U
SEE09080930JRP1	9/8/2010	PCB-1016	21	ug/Kg	U
SEE09070930JRP1	9/7/2010	PCB-1016	21	ug/Kg	U
SEE09051500JAW1	9/5/2010	PCB-1016	21	ug/Kg	U
SEE09011515JAW1	9/1/2010	PCB-1016	21	ug/Kg	U
SEE10181030JWP1	10/18/2010	PCB-1016	20	ug/Kg	U
SEE10131035ARM1	10/13/2010	PCB-1016	20	ug/Kg	U
SEE10121040ARM1	10/12/2010	PCB-1016	20	ug/Kg	U
SEF09281139TDF1	9/28/2010	PCB-1016	19	ug/Kg	U
SEE08261620RCM1	8/26/2010	PCB-1221	180	ug/kg	U
SEE08281607TWH1	8/28/2010	PCB-1221	170	ug/kg	U
SEE08281630RCM1	8/28/2010	PCB-1221	170	ug/kg	U
SEE10091200ARM1	10/9/2010	PCB-1221	160	ug/Kg	U
SEE08281505PML1	8/28/2010	PCB-1221	150	ug/kg	U
SEE08271215PML1	8/27/2010	PCB-1221	150	ug/kg	U
SEE08261420RCM1	8/26/2010	PCB-1221	150	ug/kg	U
SEE10181430JWP1	10/18/2010	PCB-1221	140	ug/Kg	U
SEE08301520JRP1	8/30/2010	PCB-1221	140	ug/Kg	U
SEE08271500PML1	8/27/2010	PCB-1221	140	ug/kg	U
SEE08271145RCM1	8/27/2010	PCB-1221	130	ug/kg	U
SEE10151055ARM1	10/15/2010	PCB-1221	120	ug/Kg	U
SEE10121415ARM1	10/12/2010	PCB-1221	120	ug/Kg	U
SEE08291110PML1	8/29/2010	PCB-1221	120	ug/kg	U
SEE08281215PML1	8/28/2010	PCB-1221	120	ug/kg	U
SEE08281420TWH1	8/28/2010	PCB-1221	120	ug/kg	U
SEE08291421KAP1	8/29/2010	PCB-1221	110	ug/kg	U
SEE08281510TWH1	8/28/2010	PCB-1221	110	ug/kg	U
SEE08311010JRP1	8/31/2010	PCB-1221	97	ug/Kg	U
SEE10151355ARM1	10/15/2010	PCB-1221	96	ug/Kg	U
SEE09021400PML1	9/2/2010	PCB-1221	94	ug/Kg	U
SEE10071415ARM1	10/7/2010	PCB-1221	93	ug/Kg	U
SEE09301105JDF1	9/30/2010	PCB-1221	93	ug/Kg	U
SEE09090900JRP1	9/9/2010	PCB-1221	93	ug/Kg	U
SEE09061500PML1	9/6/2010	PCB-1221	93	ug/Kg	U
SEE10051125PML1	10/5/2010	PCB-1221	91	ug/Kg	U
SEE09181235PML1	9/18/2010	PCB-1221	90	ug/Kg	U
SEE08301130PML1	8/30/2010	PCB-1221	90	ug/Kg	U
SEE09231645JDF1	9/23/2010	PCB-1221	88	ug/Kg	U
SEE10171410JDF1	10/17/2010	PCB-1221	87	ug/Kg	U
SEE09101022PML1	9/10/2010	PCB-1221	87	ug/Kg	UJ
SEE09101215PML1	9/10/2010	PCB-1221	87	ug/Kg	UJ
SEE09011545MHS1	9/1/2010	PCB-1221	87	ug/Kg	U
SEE09011545PML1	9/1/2010	PCB-1221	87	ug/Kg	U
SEE10091401PML1	10/9/2010	PCB-1221	86	ug/Kg	U
SEE09121105RCM1	9/12/2010	PCB-1221	86	ug/Kg	UJ
SEE09031645MHS1	9/3/2010	PCB-1221	86	ug/Kg	U
SEE08291550KAP1	8/29/2010	PCB-1221	86	ug/kg	U
SEE09141135PML1	9/14/2010	PCB-1221	85	ug/Kg	U
SEE08311420PML1	8/31/2010	PCB-1221	85	ug/Kg	U
SEE08311420PML1	8/31/2010	PCB-1221	85	ug/Kg	U
SEE10131150JDF1	10/13/2010	PCB-1221	83	ug/Kg	U
SEE10081115PML1	10/8/2010	PCB-1221	83	ug/Kg	U
SEE09081020RCM1	9/8/2010	PCB-1221	83	ug/Kg	U
SEE09051550MHS1	9/5/2010	PCB-1221	83	ug/Kg	U
SEE09030925PML1	9/3/2010	PCB-1221	83	ug/Kg	U
SEE08301550PML1	8/30/2010	PCB-1221	83	ug/Kg	U
SEE09301255JDF1	9/30/2010	PCB-1221	82	ug/Kg	U
SEE09140945PML1	9/14/2010	PCB-1221	82	ug/Kg	U
SEE09061525MHS1	9/6/2010	PCB-1221	82	ug/Kg	U



**TABLE B-2b**  
**Upstream Sediment Samples (Morrow Lake)**

Sample ID	Sample Date	Analyte	Result	Unit	Data Qualifier
SEE09291023RCM1	9/29/2010	PCB-1221	81	ug/Kg	U
SEE09161045PML1	9/16/2010	PCB-1221	81	ug/Kg	U
SEE09131026RCM1	9/13/2010	PCB-1221	81	ug/Kg	U
SEE09091410RCM1	9/9/2010	PCB-1221	81	ug/Kg	U
SEE09231210JDF1	9/23/2010	PCB-1221	80	ug/Kg	U
SEE09121436RCM1	9/12/2010	PCB-1221	80	ug/Kg	U
SEE09101625PML1	9/10/2010	PCB-1221	80	ug/Kg	UJ
SEE09071050PML1	9/7/2010	PCB-1221	80	ug/Kg	U
SEE09021010PML1	9/2/2010	PCB-1221	80	ug/Kg	U
SEE10091614PML1	10/9/2010	PCB-1221	79	ug/Kg	U
SEE10041530JDF1	10/4/2010	PCB-1221	79	ug/Kg	U
SEE10031115JDF1	10/3/2010	PCB-1221	79	ug/Kg	U
SEE10031115JDF1	10/3/2010	PCB-1221	79	ug/Kg	U
SEE09051130PML1	9/5/2010	PCB-1221	79	ug/Kg	U
SEE09031100PML1	9/3/2010	PCB-1221	79	ug/Kg	U
SEE08301638MHS1	8/30/2010	PCB-1221	79	ug/Kg	U
SEE10181035JDF1	10/18/2010	PCB-1221	78	ug/Kg	U
SEE10051653PML1	10/5/2010	PCB-1221	78	ug/Kg	U
SEE09200945PML1	9/20/2010	PCB-1221	78	ug/Kg	U
SEE09200945PML1	9/20/2010	PCB-1221	78	ug/Kg	U
SEE09171415PML1	9/17/2010	PCB-1221	78	ug/Kg	U
SEE09131505PML1	9/13/2010	PCB-1221	78	ug/Kg	U
SEE10181510JDF1	10/18/2010	PCB-1221	77	ug/Kg	U
SEE10181510JDF1	10/18/2010	PCB-1221	77	ug/Kg	U
SEE10101215PML1	10/10/2010	PCB-1221	77	ug/Kg	U
SEE10101215PML1	10/10/2010	PCB-1221	77	ug/Kg	U
SEE09220935RCM1	9/22/2010	PCB-1221	77	ug/Kg	UJ
SEE09181705PML1	9/18/2010	PCB-1221	77	ug/Kg	U
SEE09141515PML1	9/14/2010	PCB-1221	77	ug/Kg	U
SEE09131445RCM1	9/13/2010	PCB-1221	77	ug/Kg	U
SEE10171115JDF1	10/17/2010	PCB-1221	76	ug/Kg	U
SEE10141015JDF1	10/14/2010	PCB-1221	76	ug/Kg	U
SEE10141555ARM1	10/14/2010	PCB-1221	76	ug/Kg	U
SEE10101010PML1	10/10/2010	PCB-1221	76	ug/Kg	U
SEE10081051RCM1	10/8/2010	PCB-1221	76	ug/Kg	U
SEE10041138RCM1	10/4/2010	PCB-1221	76	ug/Kg	U
SEE09261625JDF1	9/26/2010	PCB-1221	76	ug/Kg	U
SEE09261625JDF1	9/26/2010	PCB-1221	76	ug/Kg	U
SEE09191040PML1	9/19/2010	PCB-1221	76	ug/Kg	U
SEE09081205PML1	9/8/2010	PCB-1221	76	ug/Kg	U
SEE09061105PML1	9/6/2010	PCB-1221	76	ug/Kg	U
SEE09031650PML1	9/3/2010	PCB-1221	76	ug/Kg	U
SEE09031650PML1	9/3/2010	PCB-1221	76	ug/Kg	U
SEE10161530JDF1	10/16/2010	PCB-1221	75	ug/Kg	U
SEE10141150JDF1	10/14/2010	PCB-1221	75	ug/Kg	U
SEE10141550JDF1	10/14/2010	PCB-1221	75	ug/Kg	U
SEE10141550JDF1	10/14/2010	PCB-1221	75	ug/Kg	U
SEE10061051RCM1	10/6/2010	PCB-1221	75	ug/Kg	U
SEE09191445RCM1	9/19/2010	PCB-1221	75	ug/Kg	U
SEE09170839RCM1	9/17/2010	PCB-1221	75	ug/Kg	U
SEE09091515PML1	9/9/2010	PCB-1221	75	ug/Kg	U
SEE08301145MHS1	8/30/2010	PCB-1221	75	ug/Kg	U
SEE09260930RCM1	9/26/2010	PCB-1221	74	ug/Kg	U
SEE09261215JDF1	9/26/2010	PCB-1221	74	ug/Kg	U
SEE09230955RCM1	9/23/2010	PCB-1221	74	ug/Kg	U
SEE09191530PML1	9/19/2010	PCB-1221	74	ug/Kg	U
SEE09151145PML1	9/15/2010	PCB-1221	74	ug/Kg	U
SEE09151145PML1	9/15/2010	PCB-1221	74	ug/Kg	U
SEE09081010PML1	9/8/2010	PCB-1221	74	ug/Kg	U
SEE10181210JDF1	10/18/2010	PCB-1221	73	ug/Kg	U

**TABLE B-2b**  
**Upstream Sediment Samples (Morrow Lake)**

Sample ID	Sample Date	Analyte	Result	Unit	Data Qualifier
SEE10120930JDF1	10/12/2010	PCB-1221	73	ug/Kg	U
SEE10061205PML1	10/6/2010	PCB-1221	73	ug/Kg	U
SEE10011120JDF1	10/1/2010	PCB-1221	73	ug/Kg	U
SEE09161035RCM1	9/16/2010	PCB-1221	73	ug/Kg	U
SEE09121055PML1	9/12/2010	PCB-1221	73	ug/Kg	U
SEE09121055PML1	9/12/2010	PCB-1221	73	ug/Kg	U
SEE09031140MHS1	9/3/2010	PCB-1221	73	ug/Kg	U
SEE09011050PML1	9/1/2010	PCB-1221	73	ug/Kg	U
SEE08311045PML1	8/31/2010	PCB-1221	73	ug/Kg	U
SEE10081231PML1	10/8/2010	PCB-1221	72	ug/Kg	U
SEE10071101PML1	10/7/2010	PCB-1221	72	ug/Kg	U
SEE09251135JDF1	9/25/2010	PCB-1221	72	ug/Kg	U
SEE09171445RCM1	9/17/2010	PCB-1221	72	ug/Kg	U
SEE09151015PML1	9/15/2010	PCB-1221	72	ug/Kg	U
SEE10150945JDF1	10/15/2010	PCB-1221	71	ug/Kg	U
SEE10121155JDF1	10/12/2010	PCB-1221	71	ug/Kg	U
SEE10071042RCM1	10/7/2010	PCB-1221	71	ug/Kg	U
SEE09221440JDF1	9/22/2010	PCB-1221	71	ug/Kg	U
SEE09211155JDF1	9/21/2010	PCB-1221	71	ug/Kg	U
SEE09121450PML1	9/12/2010	PCB-1221	71	ug/Kg	U
SEE09111015PML1	9/11/2010	PCB-1221	71	ug/Kg	U
SEE09091005RCM1	9/9/2010	PCB-1221	71	ug/Kg	U
SEE10161115ARM1	10/16/2010	PCB-1221	70	ug/Kg	U
SEE09041350PML1	9/4/2010	PCB-1221	70	ug/Kg	U
SEE10041150JDF1	10/4/2010	PCB-1221	69	ug/Kg	U
SEE09301205RCM1	9/30/2010	PCB-1221	69	ug/Kg	U
SEE09271130JDF1	9/27/2010	PCB-1221	69	ug/Kg	U
SEE09201115RCM1	9/20/2010	PCB-1221	69	ug/Kg	U
SEE09091605PML1	9/9/2010	PCB-1221	69	ug/Kg	UJ
SEE09061130MHS1	9/6/2010	PCB-1221	69	ug/Kg	U
SEE09040950PML1	9/4/2010	PCB-1221	69	ug/Kg	U
SEE08291354KAP1	8/29/2010	PCB-1221	69	ug/kg	U
SEE10111125JDF1	10/11/2010	PCB-1221	68	ug/Kg	U
SEE10061640PML1	10/6/2010	PCB-1221	68	ug/Kg	U
SEE10061640PML1	10/6/2010	PCB-1221	68	ug/Kg	U
SEE10031425JDF1	10/3/2010	PCB-1221	68	ug/Kg	UJ
SEE09250905RCM1	9/25/2010	PCB-1221	68	ug/Kg	U
SEE09131125PML1	9/13/2010	PCB-1221	68	ug/Kg	U
SEE09011255PML1	9/1/2010	PCB-1221	68	ug/Kg	U
SEE09131620PML1	9/13/2010	PCB-1221	67	ug/Kg	UJ
SEE09170945PML1	9/17/2010	PCB-1221	66	ug/Kg	UJ
SEE08261445JRP1	8/26/2010	PCB-1221	66	ug/Kg	U
SEE09211530JDF1	9/21/2010	PCB-1221	65	ug/Kg	UJ
SEE09091010PML1	9/9/2010	PCB-1221	65	ug/Kg	U
SEE09291035JDF1	9/29/2010	PCB-1221	64	ug/Kg	UJ
SEE09171125PML1	9/17/2010	PCB-1221	64	ug/Kg	U
SEE09130940PML1	9/13/2010	PCB-1221	64	ug/Kg	UJ
SEE09091145PML1	9/9/2010	PCB-1221	64	ug/Kg	U
SEE09091410PML1	9/9/2010	PCB-1221	64	ug/Kg	U
SEE08301015JRP1	8/30/2010	PCB-1221	64	ug/Kg	U
SEE08301445JRP1	8/30/2010	PCB-1221	64	ug/Kg	U
SEE10161055JDF1	10/16/2010	PCB-1221	63	ug/Kg	U
SEE10161415JDF1	10/16/2010	PCB-1221	63	ug/Kg	U
SEE09051015PML1	9/5/2010	PCB-1221	63	ug/Kg	U
SEE08301530JAW1	8/30/2010	PCB-1221	63	ug/Kg	U
SEE10111011JDF1	10/11/2010	PCB-1221	62	ug/Kg	U
SEE10071205PML1	10/7/2010	PCB-1221	62	ug/Kg	U
SEE09221105JDF1	9/22/2010	PCB-1221	62	ug/Kg	UJ
SEE09201645ARM1	9/20/2010	PCB-1221	62	ug/Kg	U
SEE09171530PML1	9/17/2010	PCB-1221	62	ug/Kg	U

**TABLE B-2b**  
**Upstream Sediment Samples (Morrow Lake)**

Sample ID	Sample Date	Analyte	Result	Unit	Data Qualifier
SEE09031115JAW1	9/3/2010	PCB-1221	62	ug/Kg	U
SEE10111350JDF1	10/11/2010	PCB-1221	61	ug/Kg	U
SEE09271515JDF1	9/27/2010	PCB-1221	61	ug/Kg	U
SEE09091025JRP1	9/9/2010	PCB-1221	61	ug/Kg	U
SEE09051430PML1	9/5/2010	PCB-1221	61	ug/Kg	U
SEE10071540PML1	10/7/2010	PCB-1221	60	ug/Kg	U
SEE09290925JDF1	9/29/2010	PCB-1221	60	ug/Kg	U
SEE09211112RCM1	9/21/2010	PCB-1221	60	ug/Kg	U
SEE09011635PML1	9/1/2010	PCB-1221	60	ug/Kg	U
SEE09301255MAE1	9/30/2010	PCB-1221	59	ug/Kg	U
SEE09271025ARM1	9/27/2010	PCB-1221	59	ug/Kg	U
SEE09231130ARM1	9/23/2010	PCB-1221	59	ug/Kg	U
SEE09221615JDF1	9/22/2010	PCB-1221	59	ug/Kg	UJ
SEE09011145PML1	9/1/2010	PCB-1221	59	ug/Kg	U
SEE10121030JDF1	10/12/2010	PCB-1221	58	ug/Kg	U
SEE10041335JDF1	10/4/2010	PCB-1221	58	ug/Kg	U
SEE08271614TWH1	8/27/2010	PCB-1221	58	ug/kg	U
SEE08291445PML1	8/29/2010	PCB-1221	57	ug/kg	U
SEE10040945JDF1	10/4/2010	PCB-1221	56	ug/Kg	U
SEE10041050JDF1	10/4/2010	PCB-1221	56	ug/Kg	U
SEE09130955JRP1	9/13/2010	PCB-1221	56	ug/Kg	UJ
SEE09291645JDF1	9/29/2010	PCB-1221	55	ug/Kg	U
SEE09141312RCM1	9/14/2010	PCB-1221	55	ug/Kg	UJ
SEE08271652TWH1	8/27/2010	PCB-1221	53	ug/kg	U
SEE10041355ARM1	10/4/2010	PCB-1221	50	ug/Kg	U
SEE09291135JDF1	9/29/2010	PCB-1221	48	ug/Kg	U
SEE08311348MHS1	8/31/2010	PCB-1221	47	ug/Kg	U
SEE08271445JRP1	8/27/2010	PCB-1221	47	ug/kg	U
SEE10170915JDF1	10/17/2010	PCB-1221	46	ug/Kg	U
SEE08271536TWH1	8/27/2010	PCB-1221	46	ug/kg	U
SEB08281400JLS1	8/28/2010	PCB-1221	44	ug/kg	U
SEE10071151RCM1	10/7/2010	PCB-1221	43	ug/Kg	U
SEE08281540JRP1	8/28/2010	PCB-1221	43	ug/kg	U
SEE08300920JRP1	8/30/2010	PCB-1221	41	ug/Kg	U
SEE09051500MHS1	9/5/2010	PCB-1221	38	ug/Kg	U
SEE10141025ARM1	10/14/2010	PCB-1221	35	ug/Kg	U
SEE09130915JRP1	9/13/2010	PCB-1221	33	ug/Kg	U
SEE09061610JAW1	9/6/2010	PCB-1221	30	ug/Kg	U
SEE10051415ARM1	10/5/2010	PCB-1221	29	ug/Kg	U
SEE10171535ARM1	10/17/2010	PCB-1221	28	ug/Kg	U
SEE08261700JRP1	8/26/2010	PCB-1221	27	ug/Kg	U
SEE09100945RCM1	9/10/2010	PCB-1221	26	ug/Kg	U
SEE10011125ARM1	10/1/2010	PCB-1221	25	ug/Kg	U
SEE09201110ARM1	9/20/2010	PCB-1221	25	ug/Kg	U
SEE08301410JRP1	8/30/2010	PCB-1221	25	ug/Kg	U
SEE10081035ARM1	10/8/2010	PCB-1221	24	ug/Kg	U
SEE09290915MAE1	9/29/2010	PCB-1221	24	ug/Kg	U
SEE09211120ARM1	9/21/2010	PCB-1221	24	ug/Kg	U
SEE09171200ARM1	9/17/2010	PCB-1221	24	ug/Kg	U
SEF10081108TDF3	10/8/2010	PCB-1221	23	ug/Kg	U
SEF10011045TDF1	10/1/2010	PCB-1221	23	ug/Kg	U
SEE09271500ARM1	9/27/2010	PCB-1221	23	ug/Kg	U
SEE09231205RCM1	9/23/2010	PCB-1221	23	ug/Kg	U
SEE09200911RCM1	9/20/2010	PCB-1221	23	ug/Kg	U
SEE09140945JRP1	9/14/2010	PCB-1221	23	ug/Kg	U
SEF10121130PMB3	10/12/2010	PCB-1221	22	ug/Kg	U
SEE10071045ARM1	10/7/2010	PCB-1221	22	ug/Kg	U
SEE09281445RCM1	9/28/2010	PCB-1221	22	ug/Kg	U
SEE09251235ARM1	9/25/2010	PCB-1221	22	ug/Kg	U
SEE09231035ARM1	9/23/2010	PCB-1221	22	ug/Kg	U

**TABLE B-2b**  
**Upstream Sediment Samples (Morrow Lake)**

Sample ID	Sample Date	Analyte	Result	Unit	Data Qualifier
SEE09170935RCM1	9/17/2010	PCB-1221	22	ug/Kg	U
SEE09150915JRP1	9/15/2010	PCB-1221	22	ug/Kg	U
SEB09011143JLS1	9/1/2010	PCB-1221	22	ug/Kg	U
SEE08301100JRP1	8/30/2010	PCB-1221	22	ug/Kg	U
SEF10151030PMB3	10/15/2010	PCB-1221	21	ug/Kg	U
SEE10061135ARM1	10/6/2010	PCB-1221	21	ug/Kg	U
SEE10051145RCM1	10/5/2010	PCB-1221	21	ug/Kg	U
SEF10051206TDF3	10/5/2010	PCB-1221	21	ug/Kg	U
SEE10041045ARM1	10/4/2010	PCB-1221	21	ug/Kg	U
SEE10011043RCM1	10/1/2010	PCB-1221	21	ug/Kg	U
SEE09301025MAE1	9/30/2010	PCB-1221	21	ug/Kg	U
SEE09221045ARM1	9/22/2010	PCB-1221	21	ug/Kg	U
SEE09100920JRP1	9/10/2010	PCB-1221	21	ug/Kg	U
SEE09080930JRP1	9/8/2010	PCB-1221	21	ug/Kg	U
SEE09070930JRP1	9/7/2010	PCB-1221	21	ug/Kg	U
SEE09051500JAW1	9/5/2010	PCB-1221	21	ug/Kg	U
SEE09011515JAW1	9/1/2010	PCB-1221	21	ug/Kg	U
SEE10181030JWP1	10/18/2010	PCB-1221	20	ug/Kg	U
SEE10131035ARM1	10/13/2010	PCB-1221	20	ug/Kg	U
SEE10121040ARM1	10/12/2010	PCB-1221	20	ug/Kg	U
SEF09281139TDF1	9/28/2010	PCB-1221	19	ug/Kg	U
SEE08261620RCM1	8/26/2010	PCB-1232	180	ug/kg	U
SEE08281607TWH1	8/28/2010	PCB-1232	170	ug/kg	U
SEE08281630RCM1	8/28/2010	PCB-1232	170	ug/kg	U
SEE10091200ARM1	10/9/2010	PCB-1232	160	ug/Kg	U
SEE08281505PML1	8/28/2010	PCB-1232	150	ug/kg	U
SEE08271215PML1	8/27/2010	PCB-1232	150	ug/kg	U
SEE08261420RCM1	8/26/2010	PCB-1232	150	ug/kg	U
SEE10181430JWP1	10/18/2010	PCB-1232	140	ug/Kg	U
SEE08301520JRP1	8/30/2010	PCB-1232	140	ug/Kg	U
SEE08271500PML1	8/27/2010	PCB-1232	140	ug/kg	U
SEE08271145RCM1	8/27/2010	PCB-1232	130	ug/kg	U
SEE10151055ARM1	10/15/2010	PCB-1232	120	ug/Kg	U
SEE10121415ARM1	10/12/2010	PCB-1232	120	ug/Kg	U
SEE08291110PML1	8/29/2010	PCB-1232	120	ug/kg	U
SEE08281215PML1	8/28/2010	PCB-1232	120	ug/kg	U
SEE08281420TWH1	8/28/2010	PCB-1232	120	ug/kg	U
SEE08291421KAP1	8/29/2010	PCB-1232	110	ug/kg	U
SEE08281510TWH1	8/28/2010	PCB-1232	110	ug/kg	U
SEE08311010JRP1	8/31/2010	PCB-1232	97	ug/Kg	U
SEE10151355ARM1	10/15/2010	PCB-1232	96	ug/Kg	U
SEE09021400PML1	9/2/2010	PCB-1232	94	ug/Kg	U
SEE10071415ARM1	10/7/2010	PCB-1232	93	ug/Kg	U
SEE09301105JDF1	9/30/2010	PCB-1232	93	ug/Kg	U
SEE09090900JRP1	9/9/2010	PCB-1232	93	ug/Kg	U
SEE09061500PML1	9/6/2010	PCB-1232	93	ug/Kg	U
SEE10051125PML1	10/5/2010	PCB-1232	91	ug/Kg	U
SEE09181235PML1	9/18/2010	PCB-1232	90	ug/Kg	U
SEE08301130PML1	8/30/2010	PCB-1232	90	ug/Kg	U
SEE09231645JDF1	9/23/2010	PCB-1232	88	ug/Kg	U
SEE10171410JDF1	10/17/2010	PCB-1232	87	ug/Kg	U
SEE09101022PML1	9/10/2010	PCB-1232	87	ug/Kg	UJ
SEE09101215PML1	9/10/2010	PCB-1232	87	ug/Kg	UJ
SEE09011545MHS1	9/1/2010	PCB-1232	87	ug/Kg	U
SEE09011545PML1	9/1/2010	PCB-1232	87	ug/Kg	U
SEE10091401PML1	10/9/2010	PCB-1232	86	ug/Kg	U
SEE09121105RCM1	9/12/2010	PCB-1232	86	ug/Kg	UJ
SEE09031645MHS1	9/3/2010	PCB-1232	86	ug/Kg	U
SEE08291550KAP1	8/29/2010	PCB-1232	86	ug/kg	U
SEE09141135PML1	9/14/2010	PCB-1232	85	ug/Kg	U

**TABLE B-2b**  
**Upstream Sediment Samples (Morrow Lake)**

Sample ID	Sample Date	Analyte	Result	Unit	Data Qualifier
SEE08311420PML1	8/31/2010	PCB-1232	85	ug/Kg	U
SEE08311420PML1	8/31/2010	PCB-1232	85	ug/Kg	U
SEE10131150JDF1	10/13/2010	PCB-1232	83	ug/Kg	U
SEE10081115PML1	10/8/2010	PCB-1232	83	ug/Kg	U
SEE09081020RCM1	9/8/2010	PCB-1232	83	ug/Kg	U
SEE09051550MHS1	9/5/2010	PCB-1232	83	ug/Kg	U
SEE09030925PML1	9/3/2010	PCB-1232	83	ug/Kg	U
SEE08301550PML1	8/30/2010	PCB-1232	83	ug/Kg	U
SEE09301255JDF1	9/30/2010	PCB-1232	82	ug/Kg	U
SEE09140945PML1	9/14/2010	PCB-1232	82	ug/Kg	U
SEE09061525MHS1	9/6/2010	PCB-1232	82	ug/Kg	U
SEE09291023RCM1	9/29/2010	PCB-1232	81	ug/Kg	U
SEE09161045PML1	9/16/2010	PCB-1232	81	ug/Kg	U
SEE09131026RCM1	9/13/2010	PCB-1232	81	ug/Kg	U
SEE09091410RCM1	9/9/2010	PCB-1232	81	ug/Kg	U
SEE09231210JDF1	9/23/2010	PCB-1232	80	ug/Kg	U
SEE09121436RCM1	9/12/2010	PCB-1232	80	ug/Kg	U
SEE09101625PML1	9/10/2010	PCB-1232	80	ug/Kg	UJ
SEE09071050PML1	9/7/2010	PCB-1232	80	ug/Kg	U
SEE09021010PML1	9/2/2010	PCB-1232	80	ug/Kg	U
SEE10091614PML1	10/9/2010	PCB-1232	79	ug/Kg	U
SEE10041530JDF1	10/4/2010	PCB-1232	79	ug/Kg	U
SEE10031115JDF1	10/3/2010	PCB-1232	79	ug/Kg	U
SEE10031115JDF1	10/3/2010	PCB-1232	79	ug/Kg	U
SEE09051130PML1	9/5/2010	PCB-1232	79	ug/Kg	U
SEE09031100PML1	9/3/2010	PCB-1232	79	ug/Kg	U
SEE08301638MHS1	8/30/2010	PCB-1232	79	ug/Kg	U
SEE10181035JDF1	10/18/2010	PCB-1232	78	ug/Kg	U
SEE10051653PML1	10/5/2010	PCB-1232	78	ug/Kg	U
SEE09200945PML1	9/20/2010	PCB-1232	78	ug/Kg	U
SEE09200945PML1	9/20/2010	PCB-1232	78	ug/Kg	U
SEE09171415PML1	9/17/2010	PCB-1232	78	ug/Kg	U
SEE09131505PML1	9/13/2010	PCB-1232	78	ug/Kg	U
SEE10181510JDF1	10/18/2010	PCB-1232	77	ug/Kg	U
SEE10181510JDF1	10/18/2010	PCB-1232	77	ug/Kg	U
SEE10101215PML1	10/10/2010	PCB-1232	77	ug/Kg	U
SEE10101215PML1	10/10/2010	PCB-1232	77	ug/Kg	U
SEE09220935RCM1	9/22/2010	PCB-1232	77	ug/Kg	UJ
SEE09181705PML1	9/18/2010	PCB-1232	77	ug/Kg	U
SEE09141515PML1	9/14/2010	PCB-1232	77	ug/Kg	U
SEE09131445RCM1	9/13/2010	PCB-1232	77	ug/Kg	U
SEE10171115JDF1	10/17/2010	PCB-1232	76	ug/Kg	U
SEE10141015JDF1	10/14/2010	PCB-1232	76	ug/Kg	U
SEE10141555ARM1	10/14/2010	PCB-1232	76	ug/Kg	U
SEE10101010PML1	10/10/2010	PCB-1232	76	ug/Kg	U
SEE10081051RCM1	10/8/2010	PCB-1232	76	ug/Kg	U
SEE10041138RCM1	10/4/2010	PCB-1232	76	ug/Kg	U
SEE09261625JDF1	9/26/2010	PCB-1232	76	ug/Kg	U
SEE09261625JDF1	9/26/2010	PCB-1232	76	ug/Kg	U
SEE09191040PML1	9/19/2010	PCB-1232	76	ug/Kg	U
SEE09081205PML1	9/8/2010	PCB-1232	76	ug/Kg	U
SEE09061105PML1	9/6/2010	PCB-1232	76	ug/Kg	U
SEE09031650PML1	9/3/2010	PCB-1232	76	ug/Kg	U
SEE09031650PML1	9/3/2010	PCB-1232	76	ug/Kg	U
SEE10161530JDF1	10/16/2010	PCB-1232	75	ug/Kg	U
SEE10141150JDF1	10/14/2010	PCB-1232	75	ug/Kg	U
SEE10141550JDF1	10/14/2010	PCB-1232	75	ug/Kg	U
SEE10141550JDF1	10/14/2010	PCB-1232	75	ug/Kg	U
SEE10061051RCM1	10/6/2010	PCB-1232	75	ug/Kg	U
SEE09191445RCM1	9/19/2010	PCB-1232	75	ug/Kg	U

**TABLE B-2b**  
**Upstream Sediment Samples (Morrow Lake)**

Sample ID	Sample Date	Analyte	Result	Unit	Data Qualifier
SEE09170839RCM1	9/17/2010	PCB-1232	75	ug/Kg	U
SEE09091515PML1	9/9/2010	PCB-1232	75	ug/Kg	U
SEE08301145MHS1	8/30/2010	PCB-1232	75	ug/Kg	U
SEE09260930RCM1	9/26/2010	PCB-1232	74	ug/Kg	U
SEE09261215JDF1	9/26/2010	PCB-1232	74	ug/Kg	U
SEE09230955RCM1	9/23/2010	PCB-1232	74	ug/Kg	U
SEE09191530PML1	9/19/2010	PCB-1232	74	ug/Kg	U
SEE09151145PML1	9/15/2010	PCB-1232	74	ug/Kg	U
SEE09151145PML1	9/15/2010	PCB-1232	74	ug/Kg	U
SEE09081010PML1	9/8/2010	PCB-1232	74	ug/Kg	U
SEE10181210JDF1	10/18/2010	PCB-1232	73	ug/Kg	U
SEE10120930JDF1	10/12/2010	PCB-1232	73	ug/Kg	U
SEE10061205PML1	10/6/2010	PCB-1232	73	ug/Kg	U
SEE10011120JDF1	10/1/2010	PCB-1232	73	ug/Kg	U
SEE09161035RCM1	9/16/2010	PCB-1232	73	ug/Kg	U
SEE09121055PML1	9/12/2010	PCB-1232	73	ug/Kg	U
SEE09121055PML1	9/12/2010	PCB-1232	73	ug/Kg	U
SEE09031140MHS1	9/3/2010	PCB-1232	73	ug/Kg	U
SEE09011050PML1	9/1/2010	PCB-1232	73	ug/Kg	U
SEE08311045PML1	8/31/2010	PCB-1232	73	ug/Kg	U
SEE10081231PML1	10/8/2010	PCB-1232	72	ug/Kg	U
SEE10071101PML1	10/7/2010	PCB-1232	72	ug/Kg	U
SEE09251135JDF1	9/25/2010	PCB-1232	72	ug/Kg	U
SEE09171445RCM1	9/17/2010	PCB-1232	72	ug/Kg	U
SEE09151015PML1	9/15/2010	PCB-1232	72	ug/Kg	U
SEE10150945JDF1	10/15/2010	PCB-1232	71	ug/Kg	U
SEE10121155JDF1	10/12/2010	PCB-1232	71	ug/Kg	U
SEE10071042RCM1	10/7/2010	PCB-1232	71	ug/Kg	U
SEE09221440JDF1	9/22/2010	PCB-1232	71	ug/Kg	U
SEE09211155JDF1	9/21/2010	PCB-1232	71	ug/Kg	U
SEE09121450PML1	9/12/2010	PCB-1232	71	ug/Kg	U
SEE09111015PML1	9/11/2010	PCB-1232	71	ug/Kg	U
SEE09091005RCM1	9/9/2010	PCB-1232	71	ug/Kg	U
SEE10161115ARM1	10/16/2010	PCB-1232	70	ug/Kg	U
SEE09041350PML1	9/4/2010	PCB-1232	70	ug/Kg	U
SEE10041150JDF1	10/4/2010	PCB-1232	69	ug/Kg	U
SEE09301205RCM1	9/30/2010	PCB-1232	69	ug/Kg	U
SEE09271130JDF1	9/27/2010	PCB-1232	69	ug/Kg	U
SEE09201115RCM1	9/20/2010	PCB-1232	69	ug/Kg	U
SEE09091605PML1	9/9/2010	PCB-1232	69	ug/Kg	UJ
SEE09061130MHS1	9/6/2010	PCB-1232	69	ug/Kg	U
SEE09040950PML1	9/4/2010	PCB-1232	69	ug/Kg	U
SEE08291354KAP1	8/29/2010	PCB-1232	69	ug/kg	U
SEE10111125JDF1	10/11/2010	PCB-1232	68	ug/Kg	U
SEE10061640PML1	10/6/2010	PCB-1232	68	ug/Kg	U
SEE10061640PML1	10/6/2010	PCB-1232	68	ug/Kg	U
SEE10031425JDF1	10/3/2010	PCB-1232	68	ug/Kg	UJ
SEE09250905RCM1	9/25/2010	PCB-1232	68	ug/Kg	U
SEE09131125PML1	9/13/2010	PCB-1232	68	ug/Kg	U
SEE09011255PML1	9/1/2010	PCB-1232	68	ug/Kg	U
SEE09131620PML1	9/13/2010	PCB-1232	67	ug/Kg	UJ
SEE09170945PML1	9/17/2010	PCB-1232	66	ug/Kg	UJ
SEE08261445JRP1	8/26/2010	PCB-1232	66	ug/Kg	U
SEE09211530JDF1	9/21/2010	PCB-1232	65	ug/Kg	UJ
SEE09091010PML1	9/9/2010	PCB-1232	65	ug/Kg	U
SEE09291035JDF1	9/29/2010	PCB-1232	64	ug/Kg	UJ
SEE09171125PML1	9/17/2010	PCB-1232	64	ug/Kg	U
SEE09130940PML1	9/13/2010	PCB-1232	64	ug/Kg	UJ
SEE09091145PML1	9/9/2010	PCB-1232	64	ug/Kg	U
SEE09091410PML1	9/9/2010	PCB-1232	64	ug/Kg	U

**TABLE B-2b**  
**Upstream Sediment Samples (Morrow Lake)**

Sample ID	Sample Date	Analyte	Result	Unit	Data Qualifier
SEE08301015JRP1	8/30/2010	PCB-1232	64	ug/Kg	U
SEE08301445JRP1	8/30/2010	PCB-1232	64	ug/Kg	U
SEE10161055JDF1	10/16/2010	PCB-1232	63	ug/Kg	U
SEE10161415JDF1	10/16/2010	PCB-1232	63	ug/Kg	U
SEE09051015PML1	9/5/2010	PCB-1232	63	ug/Kg	U
SEE08301530JAW1	8/30/2010	PCB-1232	63	ug/Kg	U
SEE10111011JDF1	10/11/2010	PCB-1232	62	ug/Kg	U
SEE10071205PML1	10/7/2010	PCB-1232	62	ug/Kg	U
SEE09221105JDF1	9/22/2010	PCB-1232	62	ug/Kg	UJ
SEE09201645ARM1	9/20/2010	PCB-1232	62	ug/Kg	U
SEE09171530PML1	9/17/2010	PCB-1232	62	ug/Kg	U
SEE09031115JAW1	9/3/2010	PCB-1232	62	ug/Kg	U
SEE10111350JDF1	10/11/2010	PCB-1232	61	ug/Kg	U
SEE09271515JDF1	9/27/2010	PCB-1232	61	ug/Kg	U
SEE09091025JRP1	9/9/2010	PCB-1232	61	ug/Kg	U
SEE09051430PML1	9/5/2010	PCB-1232	61	ug/Kg	U
SEE10071540PML1	10/7/2010	PCB-1232	60	ug/Kg	U
SEE09290925JDF1	9/29/2010	PCB-1232	60	ug/Kg	U
SEE09211112RCM1	9/21/2010	PCB-1232	60	ug/Kg	U
SEE09011635PML1	9/1/2010	PCB-1232	60	ug/Kg	U
SEE09301255MAE1	9/30/2010	PCB-1232	59	ug/Kg	U
SEE09271025ARM1	9/27/2010	PCB-1232	59	ug/Kg	U
SEE09231130ARM1	9/23/2010	PCB-1232	59	ug/Kg	U
SEE09221615JDF1	9/22/2010	PCB-1232	59	ug/Kg	UJ
SEE09011145PML1	9/1/2010	PCB-1232	59	ug/Kg	U
SEE10121030JDF1	10/12/2010	PCB-1232	58	ug/Kg	U
SEE10041335JDF1	10/4/2010	PCB-1232	58	ug/Kg	U
SEE08271614TWH1	8/27/2010	PCB-1232	58	ug/kg	U
SEE08291445PML1	8/29/2010	PCB-1232	57	ug/kg	U
SEE10040945JDF1	10/4/2010	PCB-1232	56	ug/Kg	U
SEE10041050JDF1	10/4/2010	PCB-1232	56	ug/Kg	U
SEE09130955JRP1	9/13/2010	PCB-1232	56	ug/Kg	UJ
SEE09291645JDF1	9/29/2010	PCB-1232	55	ug/Kg	U
SEE09141312RCM1	9/14/2010	PCB-1232	55	ug/Kg	UJ
SEE08271652TWH1	8/27/2010	PCB-1232	53	ug/kg	U
SEE10041355ARM1	10/4/2010	PCB-1232	50	ug/Kg	U
SEE09291135JDF1	9/29/2010	PCB-1232	48	ug/Kg	U
SEE08311348MHS1	8/31/2010	PCB-1232	47	ug/Kg	U
SEE08271445JRP1	8/27/2010	PCB-1232	47	ug/kg	U
SEE10170915JDF1	10/17/2010	PCB-1232	46	ug/Kg	U
SEE08271536TWH1	8/27/2010	PCB-1232	46	ug/kg	U
SEB08281400JLS1	8/28/2010	PCB-1232	44	ug/kg	U
SEE10071151RCM1	10/7/2010	PCB-1232	43	ug/Kg	U
SEE08281540JRP1	8/28/2010	PCB-1232	43	ug/kg	U
SEE08300920JRP1	8/30/2010	PCB-1232	41	ug/Kg	U
SEE09051500MHS1	9/5/2010	PCB-1232	38	ug/Kg	U
SEE10141025ARM1	10/14/2010	PCB-1232	35	ug/Kg	U
SEE09130915JRP1	9/13/2010	PCB-1232	33	ug/Kg	U
SEE09061610JAW1	9/6/2010	PCB-1232	30	ug/Kg	U
SEE10051415ARM1	10/5/2010	PCB-1232	29	ug/Kg	U
SEE10171535ARM1	10/17/2010	PCB-1232	28	ug/Kg	U
SEE08261700JRP1	8/26/2010	PCB-1232	27	ug/Kg	U
SEE09100945RCM1	9/10/2010	PCB-1232	26	ug/Kg	U
SEE10011125ARM1	10/1/2010	PCB-1232	25	ug/Kg	U
SEE09201110ARM1	9/20/2010	PCB-1232	25	ug/Kg	U
SEE08301410JRP1	8/30/2010	PCB-1232	25	ug/Kg	U
SEE10081035ARM1	10/8/2010	PCB-1232	24	ug/Kg	U
SEE09290915MAE1	9/29/2010	PCB-1232	24	ug/Kg	U
SEE09211120ARM1	9/21/2010	PCB-1232	24	ug/Kg	U
SEE09171200ARM1	9/17/2010	PCB-1232	24	ug/Kg	U

**TABLE B-2b**  
**Upstream Sediment Samples (Morrow Lake)**

Sample ID	Sample Date	Analyte	Result	Unit	Data Qualifier
SEF10081108TDF3	10/8/2010	PCB-1232	23	ug/Kg	U
SEF10011045TDF1	10/1/2010	PCB-1232	23	ug/Kg	U
SEE09271500ARM1	9/27/2010	PCB-1232	23	ug/Kg	U
SEE09231205RCM1	9/23/2010	PCB-1232	23	ug/Kg	U
SEE09200911RCM1	9/20/2010	PCB-1232	23	ug/Kg	U
SEE09140945JRP1	9/14/2010	PCB-1232	23	ug/Kg	U
SEF10121130PMB3	10/12/2010	PCB-1232	22	ug/Kg	U
SEE10071045ARM1	10/7/2010	PCB-1232	22	ug/Kg	U
SEE09281445RCM1	9/28/2010	PCB-1232	22	ug/Kg	U
SEE09251235ARM1	9/25/2010	PCB-1232	22	ug/Kg	U
SEE09231035ARM1	9/23/2010	PCB-1232	22	ug/Kg	U
SEE09170935RCM1	9/17/2010	PCB-1232	22	ug/Kg	U
SEE09150915JRP1	9/15/2010	PCB-1232	22	ug/Kg	U
SEB09011143JLS1	9/1/2010	PCB-1232	22	ug/Kg	U
SEE08301100JRP1	8/30/2010	PCB-1232	22	ug/Kg	U
SEF10151030PMB3	10/15/2010	PCB-1232	21	ug/Kg	U
SEE10061135ARM1	10/6/2010	PCB-1232	21	ug/Kg	U
SEE10051145RCM1	10/5/2010	PCB-1232	21	ug/Kg	U
SEF10051206TDF3	10/5/2010	PCB-1232	21	ug/Kg	U
SEE10041045ARM1	10/4/2010	PCB-1232	21	ug/Kg	U
SEE10011043RCM1	10/1/2010	PCB-1232	21	ug/Kg	U
SEE09301025MAE1	9/30/2010	PCB-1232	21	ug/Kg	U
SEE09221045ARM1	9/22/2010	PCB-1232	21	ug/Kg	U
SEE09100920JRP1	9/10/2010	PCB-1232	21	ug/Kg	U
SEE09080930JRP1	9/8/2010	PCB-1232	21	ug/Kg	U
SEE09070930JRP1	9/7/2010	PCB-1232	21	ug/Kg	U
SEE09051500JAW1	9/5/2010	PCB-1232	21	ug/Kg	U
SEE09011515JAW1	9/1/2010	PCB-1232	21	ug/Kg	U
SEE10181030JWP1	10/18/2010	PCB-1232	20	ug/Kg	U
SEE10131035ARM1	10/13/2010	PCB-1232	20	ug/Kg	U
SEE10121040ARM1	10/12/2010	PCB-1232	20	ug/Kg	U
SEF09281139TDF1	9/28/2010	PCB-1232	19	ug/Kg	U
SEE08261620RCM1	8/26/2010	PCB-1242	180	ug/kg	U
SEE08281607TWH1	8/28/2010	PCB-1242	170	ug/kg	U
SEE08281630RCM1	8/28/2010	PCB-1242	170	ug/kg	U
SEE10091200ARM1	10/9/2010	PCB-1242	160	ug/Kg	U
SEE08281505PML1	8/28/2010	PCB-1242	150	ug/kg	U
SEE08271215PML1	8/27/2010	PCB-1242	150	ug/kg	U
SEE08261420RCM1	8/26/2010	PCB-1242	150	ug/kg	U
SEE10181430JWP1	10/18/2010	PCB-1242	140	ug/Kg	U
SEE08301520JRP1	8/30/2010	PCB-1242	140	ug/Kg	U
SEE08271500PML1	8/27/2010	PCB-1242	140	ug/kg	U
SEE08271145RCM1	8/27/2010	PCB-1242	130	ug/kg	U
SEE10151055ARM1	10/15/2010	PCB-1242	120	ug/Kg	U
SEE10121415ARM1	10/12/2010	PCB-1242	120	ug/Kg	U
SEE08291110PML1	8/29/2010	PCB-1242	120	ug/kg	U
SEE08281215PML1	8/28/2010	PCB-1242	120	ug/kg	U
SEE08281420TWH1	8/28/2010	PCB-1242	120	ug/kg	U
SEE08291421KAP1	8/29/2010	PCB-1242	110	ug/kg	U
SEE08281510TWH1	8/28/2010	PCB-1242	110	ug/kg	U
SEE08311010JRP1	8/31/2010	PCB-1242	97	ug/Kg	U
SEE10151355ARM1	10/15/2010	PCB-1242	96	ug/Kg	U
SEE09021400PML1	9/2/2010	PCB-1242	94	ug/Kg	U
SEE10071415ARM1	10/7/2010	PCB-1242	93	ug/Kg	U
SEE09301105JDF1	9/30/2010	PCB-1242	93	ug/Kg	U
SEE09090900JRP1	9/9/2010	PCB-1242	93	ug/Kg	U
SEE09061500PML1	9/6/2010	PCB-1242	93	ug/Kg	U
SEE10051125PML1	10/5/2010	PCB-1242	91	ug/Kg	U
SEE09181235PML1	9/18/2010	PCB-1242	90	ug/Kg	U
SEE08301130PML1	8/30/2010	PCB-1242	90	ug/Kg	U



**TABLE B-2b**  
**Upstream Sediment Samples (Morrow Lake)**

Sample ID	Sample Date	Analyte	Result	Unit	Data Qualifier
SEE09231645JDF1	9/23/2010	PCB-1242	88	ug/Kg	U
SEE10171410JDF1	10/17/2010	PCB-1242	87	ug/Kg	U
SEE09101022PML1	9/10/2010	PCB-1242	87	ug/Kg	UJ
SEE09101215PML1	9/10/2010	PCB-1242	87	ug/Kg	UJ
SEE09011545MHS1	9/1/2010	PCB-1242	87	ug/Kg	U
SEE09011545PML1	9/1/2010	PCB-1242	87	ug/Kg	U
SEE10091401PML1	10/9/2010	PCB-1242	86	ug/Kg	U
SEE09121105RCM1	9/12/2010	PCB-1242	86	ug/Kg	UJ
SEE09031645MHS1	9/3/2010	PCB-1242	86	ug/Kg	U
SEE08291550KAP1	8/29/2010	PCB-1242	86	ug/kg	U
SEE09141135PML1	9/14/2010	PCB-1242	85	ug/Kg	U
SEE08311420PML1	8/31/2010	PCB-1242	85	ug/Kg	U
SEE08311420PML1	8/31/2010	PCB-1242	85	ug/Kg	U
SEE10131150JDF1	10/13/2010	PCB-1242	83	ug/Kg	U
SEE10081115PML1	10/8/2010	PCB-1242	83	ug/Kg	U
SEE09081020RCM1	9/8/2010	PCB-1242	83	ug/Kg	U
SEE09051550MHS1	9/5/2010	PCB-1242	83	ug/Kg	U
SEE09030925PML1	9/3/2010	PCB-1242	83	ug/Kg	U
SEE08301550PML1	8/30/2010	PCB-1242	83	ug/Kg	U
SEE09301255JDF1	9/30/2010	PCB-1242	82	ug/Kg	U
SEE09140945PML1	9/14/2010	PCB-1242	82	ug/Kg	U
SEE09061525MHS1	9/6/2010	PCB-1242	82	ug/Kg	U
SEE09291023RCM1	9/29/2010	PCB-1242	81	ug/Kg	U
SEE09161045PML1	9/16/2010	PCB-1242	81	ug/Kg	U
SEE09131026RCM1	9/13/2010	PCB-1242	81	ug/Kg	U
SEE09091410RCM1	9/9/2010	PCB-1242	81	ug/Kg	U
SEE09231210JDF1	9/23/2010	PCB-1242	80	ug/Kg	U
SEE09121436RCM1	9/12/2010	PCB-1242	80	ug/Kg	U
SEE09101625PML1	9/10/2010	PCB-1242	80	ug/Kg	UJ
SEE09071050PML1	9/7/2010	PCB-1242	80	ug/Kg	U
SEE09021010PML1	9/2/2010	PCB-1242	80	ug/Kg	U
SEE10091614PML1	10/9/2010	PCB-1242	79	ug/Kg	U
SEE10041530JDF1	10/4/2010	PCB-1242	79	ug/Kg	U
SEE10031115JDF1	10/3/2010	PCB-1242	79	ug/Kg	U
SEE10031115JDF1	10/3/2010	PCB-1242	79	ug/Kg	U
SEE09051130PML1	9/5/2010	PCB-1242	79	ug/Kg	U
SEE09031100PML1	9/3/2010	PCB-1242	79	ug/Kg	U
SEE08301638MHS1	8/30/2010	PCB-1242	79	ug/Kg	U
SEE10181035JDF1	10/18/2010	PCB-1242	78	ug/Kg	U
SEE10051653PML1	10/5/2010	PCB-1242	78	ug/Kg	U
SEE09200945PML1	9/20/2010	PCB-1242	78	ug/Kg	U
SEE09200945PML1	9/20/2010	PCB-1242	78	ug/Kg	U
SEE09171415PML1	9/17/2010	PCB-1242	78	ug/Kg	U
SEE09131505PML1	9/13/2010	PCB-1242	78	ug/Kg	U
SEE10181510JDF1	10/18/2010	PCB-1242	77	ug/Kg	U
SEE10181510JDF1	10/18/2010	PCB-1242	77	ug/Kg	U
SEE10101215PML1	10/10/2010	PCB-1242	77	ug/Kg	U
SEE10101215PML1	10/10/2010	PCB-1242	77	ug/Kg	U
SEE09220935RCM1	9/22/2010	PCB-1242	77	ug/Kg	UJ
SEE09181705PML1	9/18/2010	PCB-1242	77	ug/Kg	U
SEE09141515PML1	9/14/2010	PCB-1242	77	ug/Kg	U
SEE09131445RCM1	9/13/2010	PCB-1242	77	ug/Kg	U
SEE10171115JDF1	10/17/2010	PCB-1242	76	ug/Kg	U
SEE10141015JDF1	10/14/2010	PCB-1242	76	ug/Kg	U
SEE10141555ARM1	10/14/2010	PCB-1242	76	ug/Kg	U
SEE10101010PML1	10/10/2010	PCB-1242	76	ug/Kg	U
SEE10081051RCM1	10/8/2010	PCB-1242	76	ug/Kg	U
SEE10041138RCM1	10/4/2010	PCB-1242	76	ug/Kg	U
SEE09261625JDF1	9/26/2010	PCB-1242	76	ug/Kg	U
SEE09261625JDF1	9/26/2010	PCB-1242	76	ug/Kg	U

**TABLE B-2b**  
**Upstream Sediment Samples (Morrow Lake)**

Sample ID	Sample Date	Analyte	Result	Unit	Data Qualifier
SEE09191040PML1	9/19/2010	PCB-1242	76	ug/Kg	U
SEE09081205PML1	9/8/2010	PCB-1242	76	ug/Kg	U
SEE09061105PML1	9/6/2010	PCB-1242	76	ug/Kg	U
SEE09031650PML1	9/3/2010	PCB-1242	76	ug/Kg	U
SEE09031650PML1	9/3/2010	PCB-1242	76	ug/Kg	U
SEE10161530JDF1	10/16/2010	PCB-1242	75	ug/Kg	U
SEE10141150JDF1	10/14/2010	PCB-1242	75	ug/Kg	U
SEE10141550JDF1	10/14/2010	PCB-1242	75	ug/Kg	U
SEE10141550JDF1	10/14/2010	PCB-1242	75	ug/Kg	U
SEE10061051RCM1	10/6/2010	PCB-1242	75	ug/Kg	U
SEE09191445RCM1	9/19/2010	PCB-1242	75	ug/Kg	U
SEE09170839RCM1	9/17/2010	PCB-1242	75	ug/Kg	U
SEE09091515PML1	9/9/2010	PCB-1242	75	ug/Kg	U
SEE08301145MHS1	8/30/2010	PCB-1242	75	ug/Kg	U
SEE09260930RCM1	9/26/2010	PCB-1242	74	ug/Kg	U
SEE09261215JDF1	9/26/2010	PCB-1242	74	ug/Kg	U
SEE09230955RCM1	9/23/2010	PCB-1242	74	ug/Kg	U
SEE09191530PML1	9/19/2010	PCB-1242	74	ug/Kg	U
SEE09151145PML1	9/15/2010	PCB-1242	74	ug/Kg	U
SEE09151145PML1	9/15/2010	PCB-1242	74	ug/Kg	U
SEE09081010PML1	9/8/2010	PCB-1242	74	ug/Kg	U
SEE10181210JDF1	10/18/2010	PCB-1242	73	ug/Kg	U
SEE10120930JDF1	10/12/2010	PCB-1242	73	ug/Kg	U
SEE10061205PML1	10/6/2010	PCB-1242	73	ug/Kg	U
SEE10011120JDF1	10/1/2010	PCB-1242	73	ug/Kg	U
SEE09161035RCM1	9/16/2010	PCB-1242	73	ug/Kg	U
SEE09121055PML1	9/12/2010	PCB-1242	73	ug/Kg	U
SEE09121055PML1	9/12/2010	PCB-1242	73	ug/Kg	U
SEE09031140MHS1	9/3/2010	PCB-1242	73	ug/Kg	U
SEE09011050PML1	9/1/2010	PCB-1242	73	ug/Kg	U
SEE08311045PML1	8/31/2010	PCB-1242	73	ug/Kg	U
SEE10081231PML1	10/8/2010	PCB-1242	72	ug/Kg	U
SEE10071101PML1	10/7/2010	PCB-1242	72	ug/Kg	U
SEE09251135JDF1	9/25/2010	PCB-1242	72	ug/Kg	U
SEE09171445RCM1	9/17/2010	PCB-1242	72	ug/Kg	U
SEE09151015PML1	9/15/2010	PCB-1242	72	ug/Kg	U
SEE10150945JDF1	10/15/2010	PCB-1242	71	ug/Kg	U
SEE10121155JDF1	10/12/2010	PCB-1242	71	ug/Kg	U
SEE10071042RCM1	10/7/2010	PCB-1242	71	ug/Kg	U
SEE09221440JDF1	9/22/2010	PCB-1242	71	ug/Kg	U
SEE09211155JDF1	9/21/2010	PCB-1242	71	ug/Kg	U
SEE09121450PML1	9/12/2010	PCB-1242	71	ug/Kg	U
SEE09111015PML1	9/11/2010	PCB-1242	71	ug/Kg	U
SEE09091005RCM1	9/9/2010	PCB-1242	71	ug/Kg	U
SEE10161115ARM1	10/16/2010	PCB-1242	70	ug/Kg	U
SEE09041350PML1	9/4/2010	PCB-1242	70	ug/Kg	U
SEE10041150JDF1	10/4/2010	PCB-1242	69	ug/Kg	U
SEE09301205RCM1	9/30/2010	PCB-1242	69	ug/Kg	U
SEE09271130JDF1	9/27/2010	PCB-1242	69	ug/Kg	U
SEE09201115RCM1	9/20/2010	PCB-1242	69	ug/Kg	U
SEE09091605PML1	9/9/2010	PCB-1242	69	ug/Kg	UJ
SEE09061130MHS1	9/6/2010	PCB-1242	69	ug/Kg	U
SEE09040950PML1	9/4/2010	PCB-1242	69	ug/Kg	U
SEE08291354KAP1	8/29/2010	PCB-1242	69	ug/kg	U
SEE10111125JDF1	10/11/2010	PCB-1242	68	ug/Kg	U
SEE10061640PML1	10/6/2010	PCB-1242	68	ug/Kg	U
SEE10061640PML1	10/6/2010	PCB-1242	68	ug/Kg	U
SEE10031425JDF1	10/3/2010	PCB-1242	68	ug/Kg	UJ
SEE09250905RCM1	9/25/2010	PCB-1242	68	ug/Kg	U
SEE09131125PML1	9/13/2010	PCB-1242	68	ug/Kg	U

**TABLE B-2b**  
**Upstream Sediment Samples (Morrow Lake)**

Sample ID	Sample Date	Analyte	Result	Unit	Data Qualifier
SEE09011255PML1	9/1/2010	PCB-1242	68	ug/Kg	U
SEE09131620PML1	9/13/2010	PCB-1242	67	ug/Kg	UJ
SEE09170945PML1	9/17/2010	PCB-1242	66	ug/Kg	UJ
SEE08261445JRP1	8/26/2010	PCB-1242	66	ug/Kg	U
SEE09211530JDF1	9/21/2010	PCB-1242	65	ug/Kg	UJ
SEE09091010PML1	9/9/2010	PCB-1242	65	ug/Kg	U
SEE09291035JDF1	9/29/2010	PCB-1242	64	ug/Kg	UJ
SEE09171125PML1	9/17/2010	PCB-1242	64	ug/Kg	U
SEE09130940PML1	9/13/2010	PCB-1242	64	ug/Kg	UJ
SEE09091145PML1	9/9/2010	PCB-1242	64	ug/Kg	U
SEE09091410PML1	9/9/2010	PCB-1242	64	ug/Kg	U
SEE08301015JRP1	8/30/2010	PCB-1242	64	ug/Kg	U
SEE08301445JRP1	8/30/2010	PCB-1242	64	ug/Kg	U
SEE10161055JDF1	10/16/2010	PCB-1242	63	ug/Kg	U
SEE10161415JDF1	10/16/2010	PCB-1242	63	ug/Kg	U
SEE09051015PML1	9/5/2010	PCB-1242	63	ug/Kg	U
SEE08301530JAW1	8/30/2010	PCB-1242	63	ug/Kg	U
SEE10111011JDF1	10/11/2010	PCB-1242	62	ug/Kg	U
SEE10071205PML1	10/7/2010	PCB-1242	62	ug/Kg	U
SEE09221105JDF1	9/22/2010	PCB-1242	62	ug/Kg	UJ
SEE09201645ARM1	9/20/2010	PCB-1242	62	ug/Kg	U
SEE09171530PML1	9/17/2010	PCB-1242	62	ug/Kg	U
SEE09031115JAW1	9/3/2010	PCB-1242	62	ug/Kg	U
SEE10111350JDF1	10/11/2010	PCB-1242	61	ug/Kg	U
SEE09271515JDF1	9/27/2010	PCB-1242	61	ug/Kg	U
SEE09091025JRP1	9/9/2010	PCB-1242	61	ug/Kg	U
SEE09051430PML1	9/5/2010	PCB-1242	61	ug/Kg	U
SEE10071540PML1	10/7/2010	PCB-1242	60	ug/Kg	U
SEE09290925JDF1	9/29/2010	PCB-1242	60	ug/Kg	U
SEE09211112RCM1	9/21/2010	PCB-1242	60	ug/Kg	U
SEE09011635PML1	9/1/2010	PCB-1242	60	ug/Kg	U
SEE09301255MAE1	9/30/2010	PCB-1242	59	ug/Kg	U
SEE09271025ARM1	9/27/2010	PCB-1242	59	ug/Kg	U
SEE09231130ARM1	9/23/2010	PCB-1242	59	ug/Kg	U
SEE09221615JDF1	9/22/2010	PCB-1242	59	ug/Kg	UJ
SEE09011145PML1	9/1/2010	PCB-1242	59	ug/Kg	U
SEE10121030JDF1	10/12/2010	PCB-1242	58	ug/Kg	U
SEE10041335JDF1	10/4/2010	PCB-1242	58	ug/Kg	U
SEE08271614TWH1	8/27/2010	PCB-1242	58	ug/kg	U
SEE08291445PML1	8/29/2010	PCB-1242	57	ug/kg	U
SEE10040945JDF1	10/4/2010	PCB-1242	56	ug/Kg	U
SEE10041050JDF1	10/4/2010	PCB-1242	56	ug/Kg	U
SEE09130955JRP1	9/13/2010	PCB-1242	56	ug/Kg	UJ
SEE09291645JDF1	9/29/2010	PCB-1242	55	ug/Kg	U
SEE09141312RCM1	9/14/2010	PCB-1242	55	ug/Kg	UJ
SEE08271652TWH1	8/27/2010	PCB-1242	53	ug/kg	U
SEE10041355ARM1	10/4/2010	PCB-1242	50	ug/Kg	U
SEE09291135JDF1	9/29/2010	PCB-1242	48	ug/Kg	U
SEE08311348MHS1	8/31/2010	PCB-1242	47	ug/Kg	U
SEE08271445JRP1	8/27/2010	PCB-1242	47	ug/kg	U
SEE10170915JDF1	10/17/2010	PCB-1242	46	ug/Kg	U
SEE08271536TWH1	8/27/2010	PCB-1242	46	ug/kg	U
SEB08281400JLS1	8/28/2010	PCB-1242	44	ug/kg	U
SEE10071151RCM1	10/7/2010	PCB-1242	43	ug/Kg	U
SEE08281540JRP1	8/28/2010	PCB-1242	43	ug/kg	U
SEE08300920JRP1	8/30/2010	PCB-1242	41	ug/Kg	U
SEE09051500MHS1	9/5/2010	PCB-1242	38	ug/Kg	U
SEE10141025ARM1	10/14/2010	PCB-1242	35	ug/Kg	U
SEE09130915JRP1	9/13/2010	PCB-1242	33	ug/Kg	U
SEE09061610JAW1	9/6/2010	PCB-1242	30	ug/Kg	U

**TABLE B-2b**  
**Upstream Sediment Samples (Morrow Lake)**

Sample ID	Sample Date	Analyte	Result	Unit	Data Qualifier
SEE10051415ARM1	10/5/2010	PCB-1242	29	ug/Kg	U
SEE10171535ARM1	10/17/2010	PCB-1242	28	ug/Kg	U
SEE08261700JRP1	8/26/2010	PCB-1242	27	ug/Kg	U
SEE09100945RCM1	9/10/2010	PCB-1242	26	ug/Kg	U
SEE10011125ARM1	10/1/2010	PCB-1242	25	ug/Kg	U
SEE09201110ARM1	9/20/2010	PCB-1242	25	ug/Kg	U
SEE08301410JRP1	8/30/2010	PCB-1242	25	ug/Kg	U
SEE10081035ARM1	10/8/2010	PCB-1242	24	ug/Kg	U
SEE09290915MAE1	9/29/2010	PCB-1242	24	ug/Kg	U
SEE09211120ARM1	9/21/2010	PCB-1242	24	ug/Kg	U
SEE09171200ARM1	9/17/2010	PCB-1242	24	ug/Kg	U
SEF10081108TDF3	10/8/2010	PCB-1242	23	ug/Kg	U
SEF10011045TDF1	10/1/2010	PCB-1242	23	ug/Kg	U
SEE09271500ARM1	9/27/2010	PCB-1242	23	ug/Kg	U
SEE09231205RCM1	9/23/2010	PCB-1242	23	ug/Kg	U
SEE09200911RCM1	9/20/2010	PCB-1242	23	ug/Kg	U
SEE09140945JRP1	9/14/2010	PCB-1242	23	ug/Kg	U
SEF10121130PMB3	10/12/2010	PCB-1242	22	ug/Kg	U
SEE10071045ARM1	10/7/2010	PCB-1242	22	ug/Kg	U
SEE09281445RCM1	9/28/2010	PCB-1242	22	ug/Kg	U
SEE09251235ARM1	9/25/2010	PCB-1242	22	ug/Kg	U
SEE09231035ARM1	9/23/2010	PCB-1242	22	ug/Kg	U
SEE09170935RCM1	9/17/2010	PCB-1242	22	ug/Kg	U
SEE09150915JRP1	9/15/2010	PCB-1242	22	ug/Kg	U
SEB09011143JLS1	9/1/2010	PCB-1242	22	ug/Kg	U
SEE08301100JRP1	8/30/2010	PCB-1242	22	ug/Kg	U
SEF10151030PMB3	10/15/2010	PCB-1242	21	ug/Kg	U
SEE10061135ARM1	10/6/2010	PCB-1242	21	ug/Kg	U
SEE10051145RCM1	10/5/2010	PCB-1242	21	ug/Kg	U
SEF10051206TDF3	10/5/2010	PCB-1242	21	ug/Kg	U
SEE10041045ARM1	10/4/2010	PCB-1242	21	ug/Kg	U
SEE10011043RCM1	10/1/2010	PCB-1242	21	ug/Kg	U
SEE09301025MAE1	9/30/2010	PCB-1242	21	ug/Kg	U
SEE09221045ARM1	9/22/2010	PCB-1242	21	ug/Kg	U
SEE09100920JRP1	9/10/2010	PCB-1242	21	ug/Kg	U
SEE09080930JRP1	9/8/2010	PCB-1242	21	ug/Kg	U
SEE09070930JRP1	9/7/2010	PCB-1242	21	ug/Kg	U
SEE09051500JAW1	9/5/2010	PCB-1242	21	ug/Kg	U
SEE09011515JAW1	9/1/2010	PCB-1242	21	ug/Kg	U
SEE10181030JWP1	10/18/2010	PCB-1242	20	ug/Kg	U
SEE10131035ARM1	10/13/2010	PCB-1242	20	ug/Kg	U
SEE10121040ARM1	10/12/2010	PCB-1242	20	ug/Kg	U
SEF09281139TDF1	9/28/2010	PCB-1242	19	ug/Kg	U
SEE08261445JRP1	8/26/2010	PCB-1248	260	ug/Kg	U
SEE08261620RCM1	8/26/2010	PCB-1248	180	ug/kg	U
SEE08281607TWH1	8/28/2010	PCB-1248	170	ug/kg	U
SEE08281630RCM1	8/28/2010	PCB-1248	170	ug/kg	U
SEE10091200ARM1	10/9/2010	PCB-1248	160	ug/Kg	U
SEE08281505PML1	8/28/2010	PCB-1248	150	ug/kg	U
SEE08271215PML1	8/27/2010	PCB-1248	150	ug/kg	U
SEE08261420RCM1	8/26/2010	PCB-1248	150	ug/kg	U
SEE10181430JWP1	10/18/2010	PCB-1248	140	ug/Kg	U
SEE08301520JRP1	8/30/2010	PCB-1248	140	ug/Kg	U
SEE08271500PML1	8/27/2010	PCB-1248	140	ug/kg	U
SEE08271145RCM1	8/27/2010	PCB-1248	130	ug/kg	U
SEE10151055ARM1	10/15/2010	PCB-1248	120	ug/Kg	U
SEE10121415ARM1	10/12/2010	PCB-1248	120	ug/Kg	U
SEE08291110PML1	8/29/2010	PCB-1248	120	ug/kg	U
SEE08281215PML1	8/28/2010	PCB-1248	120	ug/kg	U
SEE08281420TWH1	8/28/2010	PCB-1248	120	ug/kg	U

**TABLE B-2b**  
**Upstream Sediment Samples (Morrow Lake)**

Sample ID	Sample Date	Analyte	Result	Unit	Data Qualifier
SEE08291421KAP1	8/29/2010	PCB-1248	110	ug/kg	U
SEE08281510TWH1	8/28/2010	PCB-1248	110	ug/kg	U
SEE08311010JRP1	8/31/2010	PCB-1248	97	ug/Kg	U
SEE10151355ARM1	10/15/2010	PCB-1248	96	ug/Kg	U
SEE09021400PML1	9/2/2010	PCB-1248	94	ug/Kg	U
SEE10071415ARM1	10/7/2010	PCB-1248	93	ug/Kg	U
SEE09301105JDF1	9/30/2010	PCB-1248	93	ug/Kg	U
SEE09090900JRP1	9/9/2010	PCB-1248	93	ug/Kg	U
SEE09061500PML1	9/6/2010	PCB-1248	93	ug/Kg	U
SEE10051125PML1	10/5/2010	PCB-1248	91	ug/Kg	U
SEE09181235PML1	9/18/2010	PCB-1248	90	ug/Kg	U
SEE08301130PML1	8/30/2010	PCB-1248	90	ug/Kg	U
SEE09231645JDF1	9/23/2010	PCB-1248	88	ug/Kg	U
SEE10171410JDF1	10/17/2010	PCB-1248	87	ug/Kg	U
SEE09101022PML1	9/10/2010	PCB-1248	87	ug/Kg	UJ
SEE09101215PML1	9/10/2010	PCB-1248	87	ug/Kg	UJ
SEE09011545MHS1	9/1/2010	PCB-1248	87	ug/Kg	U
SEE09011545PML1	9/1/2010	PCB-1248	87	ug/Kg	U
SEE10091401PML1	10/9/2010	PCB-1248	86	ug/Kg	U
SEE09121105RCM1	9/12/2010	PCB-1248	86	ug/Kg	UJ
SEE09031645MHS1	9/3/2010	PCB-1248	86	ug/Kg	U
SEE08291550KAP1	8/29/2010	PCB-1248	86	ug/kg	U
SEE09141135PML1	9/14/2010	PCB-1248	85	ug/Kg	U
SEE08311420PML1	8/31/2010	PCB-1248	85	ug/Kg	U
SEE08311420PML1	8/31/2010	PCB-1248	85	ug/Kg	U
SEE10131150JDF1	10/13/2010	PCB-1248	83	ug/Kg	U
SEE10081115PML1	10/8/2010	PCB-1248	83	ug/Kg	U
SEE09081020RCM1	9/8/2010	PCB-1248	83	ug/Kg	U
SEE09051550MHS1	9/5/2010	PCB-1248	83	ug/Kg	U
SEE09030925PML1	9/3/2010	PCB-1248	83	ug/Kg	U
SEE08301550PML1	8/30/2010	PCB-1248	83	ug/Kg	U
SEE09301255JDF1	9/30/2010	PCB-1248	82	ug/Kg	U
SEE09140945PML1	9/14/2010	PCB-1248	82	ug/Kg	U
SEE09061525MHS1	9/6/2010	PCB-1248	82	ug/Kg	U
SEE09291023RCM1	9/29/2010	PCB-1248	81	ug/Kg	U
SEE09161045PML1	9/16/2010	PCB-1248	81	ug/Kg	U
SEE09131026RCM1	9/13/2010	PCB-1248	81	ug/Kg	U
SEE09091410RCM1	9/9/2010	PCB-1248	81	ug/Kg	U
SEE09231210JDF1	9/23/2010	PCB-1248	80	ug/Kg	U
SEE09121436RCM1	9/12/2010	PCB-1248	80	ug/Kg	U
SEE09101625PML1	9/10/2010	PCB-1248	80	ug/Kg	UJ
SEE09071050PML1	9/7/2010	PCB-1248	80	ug/Kg	U
SEE09021010PML1	9/2/2010	PCB-1248	80	ug/Kg	U
SEE10091614PML1	10/9/2010	PCB-1248	79	ug/Kg	U
SEE10041530JDF1	10/4/2010	PCB-1248	79	ug/Kg	U
SEE10031115JDF1	10/3/2010	PCB-1248	79	ug/Kg	U
SEE10031115JDF1	10/3/2010	PCB-1248	79	ug/Kg	U
SEE09051130PML1	9/5/2010	PCB-1248	79	ug/Kg	U
SEE09031100PML1	9/3/2010	PCB-1248	79	ug/Kg	U
SEE08301638MHS1	8/30/2010	PCB-1248	79	ug/Kg	U
SEE10181035JDF1	10/18/2010	PCB-1248	78	ug/Kg	U
SEE10051653PML1	10/5/2010	PCB-1248	78	ug/Kg	U
SEE09200945PML1	9/20/2010	PCB-1248	78	ug/Kg	U
SEE09200945PML1	9/20/2010	PCB-1248	78	ug/Kg	U
SEE09171415PML1	9/17/2010	PCB-1248	78	ug/Kg	U
SEE09131505PML1	9/13/2010	PCB-1248	78	ug/Kg	U
SEE10181510JDF1	10/18/2010	PCB-1248	77	ug/Kg	U
SEE10181510JDF1	10/18/2010	PCB-1248	77	ug/Kg	U
SEE10101215PML1	10/10/2010	PCB-1248	77	ug/Kg	U
SEE10101215PML1	10/10/2010	PCB-1248	77	ug/Kg	U

**TABLE B-2b**  
**Upstream Sediment Samples (Morrow Lake)**

Sample ID	Sample Date	Analyte	Result	Unit	Data Qualifier
SEE09220935RCM1	9/22/2010	PCB-1248	77	ug/Kg	UJ
SEE09181705PML1	9/18/2010	PCB-1248	77	ug/Kg	U
SEE09141515PML1	9/14/2010	PCB-1248	77	ug/Kg	U
SEE09131445RCM1	9/13/2010	PCB-1248	77	ug/Kg	U
SEE10171115JDF1	10/17/2010	PCB-1248	76	ug/Kg	U
SEE10141015JDF1	10/14/2010	PCB-1248	76	ug/Kg	U
SEE10141555ARM1	10/14/2010	PCB-1248	76	ug/Kg	U
SEE10101010PML1	10/10/2010	PCB-1248	76	ug/Kg	U
SEE10081051RCM1	10/8/2010	PCB-1248	76	ug/Kg	U
SEE10041138RCM1	10/4/2010	PCB-1248	76	ug/Kg	U
SEE09261625JDF1	9/26/2010	PCB-1248	76	ug/Kg	U
SEE09261625JDF1	9/26/2010	PCB-1248	76	ug/Kg	U
SEE09191040PML1	9/19/2010	PCB-1248	76	ug/Kg	U
SEE09081205PML1	9/8/2010	PCB-1248	76	ug/Kg	U
SEE09061105PML1	9/6/2010	PCB-1248	76	ug/Kg	U
SEE09031650PML1	9/3/2010	PCB-1248	76	ug/Kg	U
SEE09031650PML1	9/3/2010	PCB-1248	76	ug/Kg	U
SEE10161530JDF1	10/16/2010	PCB-1248	75	ug/Kg	U
SEE10141150JDF1	10/14/2010	PCB-1248	75	ug/Kg	U
SEE10141550JDF1	10/14/2010	PCB-1248	75	ug/Kg	U
SEE10141550JDF1	10/14/2010	PCB-1248	75	ug/Kg	U
SEE10061051RCM1	10/6/2010	PCB-1248	75	ug/Kg	U
SEE09191445RCM1	9/19/2010	PCB-1248	75	ug/Kg	U
SEE09170839RCM1	9/17/2010	PCB-1248	75	ug/Kg	U
SEE09091515PML1	9/9/2010	PCB-1248	75	ug/Kg	U
SEE08301145MHS1	8/30/2010	PCB-1248	75	ug/Kg	U
SEE09260930RCM1	9/26/2010	PCB-1248	74	ug/Kg	U
SEE09261215JDF1	9/26/2010	PCB-1248	74	ug/Kg	U
SEE09230955RCM1	9/23/2010	PCB-1248	74	ug/Kg	U
SEE09191530PML1	9/19/2010	PCB-1248	74	ug/Kg	U
SEE09151145PML1	9/15/2010	PCB-1248	74	ug/Kg	U
SEE09151145PML1	9/15/2010	PCB-1248	74	ug/Kg	U
SEE09081010PML1	9/8/2010	PCB-1248	74	ug/Kg	U
SEE10181210JDF1	10/18/2010	PCB-1248	73	ug/Kg	U
SEE10120930JDF1	10/12/2010	PCB-1248	73	ug/Kg	U
SEE10061205PML1	10/6/2010	PCB-1248	73	ug/Kg	U
SEE10011120JDF1	10/1/2010	PCB-1248	73	ug/Kg	U
SEE09161035RCM1	9/16/2010	PCB-1248	73	ug/Kg	U
SEE09121055PML1	9/12/2010	PCB-1248	73	ug/Kg	U
SEE09121055PML1	9/12/2010	PCB-1248	73	ug/Kg	U
SEE09031140MHS1	9/3/2010	PCB-1248	73	ug/Kg	U
SEE09011050PML1	9/1/2010	PCB-1248	73	ug/Kg	U
SEE08311045PML1	8/31/2010	PCB-1248	73	ug/Kg	U
SEE10081231PML1	10/8/2010	PCB-1248	72	ug/Kg	U
SEE10071101PML1	10/7/2010	PCB-1248	72	ug/Kg	U
SEE09251135JDF1	9/25/2010	PCB-1248	72	ug/Kg	U
SEE09171445RCM1	9/17/2010	PCB-1248	72	ug/Kg	U
SEE09151015PML1	9/15/2010	PCB-1248	72	ug/Kg	U
SEE10150945JDF1	10/15/2010	PCB-1248	71	ug/Kg	U
SEE10121155JDF1	10/12/2010	PCB-1248	71	ug/Kg	U
SEE10071042RCM1	10/7/2010	PCB-1248	71	ug/Kg	U
SEE09221440JDF1	9/22/2010	PCB-1248	71	ug/Kg	U
SEE09211155JDF1	9/21/2010	PCB-1248	71	ug/Kg	U
SEE09121450PML1	9/12/2010	PCB-1248	71	ug/Kg	U
SEE09111015PML1	9/11/2010	PCB-1248	71	ug/Kg	U
SEE09091005RCM1	9/9/2010	PCB-1248	71	ug/Kg	U
SEE10161115ARM1	10/16/2010	PCB-1248	70	ug/Kg	U
SEE09041350PML1	9/4/2010	PCB-1248	70	ug/Kg	U
SEE10041150JDF1	10/4/2010	PCB-1248	69	ug/Kg	U
SEE09301205RCM1	9/30/2010	PCB-1248	69	ug/Kg	U

**TABLE B-2b**  
**Upstream Sediment Samples (Morrow Lake)**

Sample ID	Sample Date	Analyte	Result	Unit	Data Qualifier
SEE09271130JDF1	9/27/2010	PCB-1248	69	ug/Kg	U
SEE09201115RCM1	9/20/2010	PCB-1248	69	ug/Kg	U
SEE09091605PML1	9/9/2010	PCB-1248	69	ug/Kg	UJ
SEE09061130MHS1	9/6/2010	PCB-1248	69	ug/Kg	U
SEE09040950PML1	9/4/2010	PCB-1248	69	ug/Kg	U
SEE08291354KAP1	8/29/2010	PCB-1248	69	ug/kg	U
SEE10111125JDF1	10/11/2010	PCB-1248	68	ug/Kg	U
SEE10061640PML1	10/6/2010	PCB-1248	68	ug/Kg	U
SEE10061640PML1	10/6/2010	PCB-1248	68	ug/Kg	U
SEE10031425JDF1	10/3/2010	PCB-1248	68	ug/Kg	UJ
SEE09250905RCM1	9/25/2010	PCB-1248	68	ug/Kg	U
SEE09131125PML1	9/13/2010	PCB-1248	68	ug/Kg	U
SEE09011255PML1	9/1/2010	PCB-1248	68	ug/Kg	U
SEE09131620PML1	9/13/2010	PCB-1248	67	ug/Kg	UJ
SEE09170945PML1	9/17/2010	PCB-1248	66	ug/Kg	UJ
SEE09211530JDF1	9/21/2010	PCB-1248	65	ug/Kg	UJ
SEE09091010PML1	9/9/2010	PCB-1248	65	ug/Kg	U
SEE09291035JDF1	9/29/2010	PCB-1248	64	ug/Kg	UJ
SEE09171125PML1	9/17/2010	PCB-1248	64	ug/Kg	U
SEE09130940PML1	9/13/2010	PCB-1248	64	ug/Kg	UJ
SEE09091145PML1	9/9/2010	PCB-1248	64	ug/Kg	U
SEE09091410PML1	9/9/2010	PCB-1248	64	ug/Kg	U
SEE08301015JRP1	8/30/2010	PCB-1248	64	ug/Kg	U
SEE08301445JRP1	8/30/2010	PCB-1248	64	ug/Kg	U
SEE10161055JDF1	10/16/2010	PCB-1248	63	ug/Kg	U
SEE10161415JDF1	10/16/2010	PCB-1248	63	ug/Kg	U
SEE09051015PML1	9/5/2010	PCB-1248	63	ug/Kg	U
SEE08301530JAW1	8/30/2010	PCB-1248	63	ug/Kg	U
SEE10111011JDF1	10/11/2010	PCB-1248	62	ug/Kg	U
SEE10071205PML1	10/7/2010	PCB-1248	62	ug/Kg	U
SEE09221105JDF1	9/22/2010	PCB-1248	62	ug/Kg	UJ
SEE09201645ARM1	9/20/2010	PCB-1248	62	ug/Kg	U
SEE09171530PML1	9/17/2010	PCB-1248	62	ug/Kg	U
SEE09031115JAW1	9/3/2010	PCB-1248	62	ug/Kg	U
SEE10111350JDF1	10/11/2010	PCB-1248	61	ug/Kg	U
SEE09271515JDF1	9/27/2010	PCB-1248	61	ug/Kg	U
SEE09091025JRP1	9/9/2010	PCB-1248	61	ug/Kg	U
SEE09051430PML1	9/5/2010	PCB-1248	61	ug/Kg	U
SEE10071540PML1	10/7/2010	PCB-1248	60	ug/Kg	U
SEE09290925JDF1	9/29/2010	PCB-1248	60	ug/Kg	U
SEE09211112RCM1	9/21/2010	PCB-1248	60	ug/Kg	U
SEE09011635PML1	9/1/2010	PCB-1248	60	ug/Kg	U
SEE09301255MAE1	9/30/2010	PCB-1248	59	ug/Kg	U
SEE09271025ARM1	9/27/2010	PCB-1248	59	ug/Kg	U
SEE09231130ARM1	9/23/2010	PCB-1248	59	ug/Kg	U
SEE09221615JDF1	9/22/2010	PCB-1248	59	ug/Kg	UJ
SEE09011145PML1	9/1/2010	PCB-1248	59	ug/Kg	U
SEE10121030JDF1	10/12/2010	PCB-1248	58	ug/Kg	U
SEE10041335JDF1	10/4/2010	PCB-1248	58	ug/Kg	U
SEE08271614TWH1	8/27/2010	PCB-1248	58	ug/kg	U
SEE08291445PML1	8/29/2010	PCB-1248	57	ug/kg	U
SEE10040945JDF1	10/4/2010	PCB-1248	56	ug/Kg	U
SEE10041050JDF1	10/4/2010	PCB-1248	56	ug/Kg	U
SEE09130955JRP1	9/13/2010	PCB-1248	56	ug/Kg	UJ
SEE09291645JDF1	9/29/2010	PCB-1248	55	ug/Kg	U
SEE09141312RCM1	9/14/2010	PCB-1248	55	ug/Kg	UJ
SEE08271652TWH1	8/27/2010	PCB-1248	53	ug/kg	U
SEE10041355ARM1	10/4/2010	PCB-1248	50	ug/Kg	U
SEE09291135JDF1	9/29/2010	PCB-1248	48	ug/Kg	U
SEE08311348MHS1	8/31/2010	PCB-1248	47	ug/Kg	U

**TABLE B-2b**  
**Upstream Sediment Samples (Morrow Lake)**

Sample ID	Sample Date	Analyte	Result	Unit	Data Qualifier
SEE08271445JRP1	8/27/2010	PCB-1248	47	ug/kg	U
SEE10170915JDF1	10/17/2010	PCB-1248	46	ug/Kg	U
SEE08271536TWH1	8/27/2010	PCB-1248	46	ug/kg	U
SEB08281400JLS1	8/28/2010	PCB-1248	44	ug/kg	U
SEE10071151RCM1	10/7/2010	PCB-1248	43	ug/Kg	U
SEE08281540JRP1	8/28/2010	PCB-1248	43	ug/kg	U
SEE08300920JRP1	8/30/2010	PCB-1248	41	ug/Kg	U
SEE09051500MHS1	9/5/2010	PCB-1248	38	ug/Kg	U
SEE10141025ARM1	10/14/2010	PCB-1248	35	ug/Kg	U
SEE09130915JRP1	9/13/2010	PCB-1248	33	ug/Kg	U
SEE09061610JAW1	9/6/2010	PCB-1248	30	ug/Kg	U
SEE10051415ARM1	10/5/2010	PCB-1248	29	ug/Kg	U
SEE10171535ARM1	10/17/2010	PCB-1248	28	ug/Kg	U
SEE09100945RCM1	9/10/2010	PCB-1248	26	ug/Kg	U
SEE10011125ARM1	10/1/2010	PCB-1248	25	ug/Kg	U
SEE09201110ARM1	9/20/2010	PCB-1248	25	ug/Kg	U
SEE08301410JRP1	8/30/2010	PCB-1248	25	ug/Kg	U
SEE10081035ARM1	10/8/2010	PCB-1248	24	ug/Kg	U
SEE09290915MAE1	9/29/2010	PCB-1248	24	ug/Kg	U
SEE09211120ARM1	9/21/2010	PCB-1248	24	ug/Kg	U
SEE09171200ARM1	9/17/2010	PCB-1248	24	ug/Kg	U
SEE08261700JRP1	8/26/2010	PCB-1248	24	ug/Kg	J
SEF10081108TDF3	10/8/2010	PCB-1248	23	ug/Kg	U
SEF10011045TDF1	10/1/2010	PCB-1248	23	ug/Kg	U
SEE09271500ARM1	9/27/2010	PCB-1248	23	ug/Kg	U
SEE09231205RCM1	9/23/2010	PCB-1248	23	ug/Kg	U
SEE09200911RCM1	9/20/2010	PCB-1248	23	ug/Kg	U
SEE09140945JRP1	9/14/2010	PCB-1248	23	ug/Kg	U
SEF10121130PMB3	10/12/2010	PCB-1248	22	ug/Kg	U
SEE10071045ARM1	10/7/2010	PCB-1248	22	ug/Kg	U
SEE09281445RCM1	9/28/2010	PCB-1248	22	ug/Kg	U
SEE09251235ARM1	9/25/2010	PCB-1248	22	ug/Kg	U
SEE09231035ARM1	9/23/2010	PCB-1248	22	ug/Kg	U
SEE09170935RCM1	9/17/2010	PCB-1248	22	ug/Kg	U
SEE09150915JRP1	9/15/2010	PCB-1248	22	ug/Kg	U
SEB09011143JLS1	9/1/2010	PCB-1248	22	ug/Kg	U
SEE08301100JRP1	8/30/2010	PCB-1248	22	ug/Kg	U
SEF10151030PMB3	10/15/2010	PCB-1248	21	ug/Kg	U
SEE10061135ARM1	10/6/2010	PCB-1248	21	ug/Kg	U
SEE10051145RCM1	10/5/2010	PCB-1248	21	ug/Kg	U
SEF10051206TDF3	10/5/2010	PCB-1248	21	ug/Kg	U
SEE10041045ARM1	10/4/2010	PCB-1248	21	ug/Kg	U
SEE10011043RCM1	10/1/2010	PCB-1248	21	ug/Kg	U
SEE09301025MAE1	9/30/2010	PCB-1248	21	ug/Kg	U
SEE09221045ARM1	9/22/2010	PCB-1248	21	ug/Kg	U
SEE09100920JRP1	9/10/2010	PCB-1248	21	ug/Kg	U
SEE09080930JRP1	9/8/2010	PCB-1248	21	ug/Kg	U
SEE09070930JRP1	9/7/2010	PCB-1248	21	ug/Kg	U
SEE09051500JAW1	9/5/2010	PCB-1248	21	ug/Kg	U
SEE09011515JAW1	9/1/2010	PCB-1248	21	ug/Kg	U
SEE10181030JWP1	10/18/2010	PCB-1248	20	ug/Kg	U
SEE10131035ARM1	10/13/2010	PCB-1248	20	ug/Kg	U
SEE10121040ARM1	10/12/2010	PCB-1248	20	ug/Kg	U
SEF09281139TDF1	9/28/2010	PCB-1248	19	ug/Kg	U
SEE10181430JWP1	10/18/2010	PCB-1254	2200	ug/Kg	
SEE10121415ARM1	10/12/2010	PCB-1254	2000	ug/Kg	
SEE08301520JRP1	8/30/2010	PCB-1254	2000	ug/Kg	
SEE09090900JRP1	9/9/2010	PCB-1254	1800	ug/Kg	
SEE10091200ARM1	10/9/2010	PCB-1254	1700	ug/Kg	
SEE10151355ARM1	10/15/2010	PCB-1254	1500	ug/Kg	



**TABLE B-2b**  
**Upstream Sediment Samples (Morrow Lake)**

Sample ID	Sample Date	Analyte	Result	Unit	Data Qualifier
SEE08311010JRP1	8/31/2010	PCB-1254	1400	ug/Kg	
SEE10151055ARM1	10/15/2010	PCB-1254	1300	ug/Kg	
SEE10141555ARM1	10/14/2010	PCB-1254	1100	ug/Kg	
SEE10071415ARM1	10/7/2010	PCB-1254	1100	ug/Kg	
SEE08301445JRP1	8/30/2010	PCB-1254	1100	ug/Kg	
SEE08301015JRP1	8/30/2010	PCB-1254	960	ug/Kg	
SEE09021400PML1	9/2/2010	PCB-1254	720	ug/Kg	J
SEE09061130MHS1	9/6/2010	PCB-1254	570	ug/Kg	
SEE09301205RCM1	9/30/2010	PCB-1254	500	ug/Kg	
SEE10071042RCM1	10/7/2010	PCB-1254	470	ug/Kg	J
SEE10161115ARM1	10/16/2010	PCB-1254	450	ug/Kg	
SEE09260930RCM1	9/26/2010	PCB-1254	420	ug/Kg	
SEE10041138RCM1	10/4/2010	PCB-1254	400	ug/Kg	J
SEE09081205PML1	9/8/2010	PCB-1254	400	ug/Kg	
SEE09231035ARM1	9/23/2010	PCB-1254	390	ug/Kg	
SEE09030925PML1	9/3/2010	PCB-1254	370	ug/Kg	
SEE10131150JDF1	10/13/2010	PCB-1254	360	ug/Kg	
SEE09301105JDF1	9/30/2010	PCB-1254	350	ug/Kg	
SEE09081010PML1	9/8/2010	PCB-1254	350	ug/Kg	
SEE10061051RCM1	10/6/2010	PCB-1254	340	ug/Kg	
SEE09230955RCM1	9/23/2010	PCB-1254	340	ug/Kg	
SEE09081020RCM1	9/8/2010	PCB-1254	340	ug/Kg	
SEE09031140MHS1	9/3/2010	PCB-1254	340	ug/Kg	J
SEE09091005RCM1	9/9/2010	PCB-1254	330	ug/Kg	
SEE09011050PML1	9/1/2010	PCB-1254	320	ug/Kg	
SEE10181035JDF1	10/18/2010	PCB-1254	310	ug/Kg	J
SEE10171410JDF1	10/17/2010	PCB-1254	300	ug/Kg	
SEE09291023RCM1	9/29/2010	PCB-1254	300	ug/Kg	
SEE09261215JDF1	9/26/2010	PCB-1254	300	ug/Kg	J
SEE09131026RCM1	9/13/2010	PCB-1254	300	ug/Kg	
SEE09121055PML1	9/12/2010	PCB-1254	290	ug/Kg	
SEE09121055PML1	9/12/2010	PCB-1254	290	ug/Kg	
SEE09011545MHS1	9/1/2010	PCB-1254	290	ug/Kg	
SEE08301550PML1	8/30/2010	PCB-1254	290	ug/Kg	
SEE08301638MHS1	8/30/2010	PCB-1254	290	ug/Kg	
SEE10051653PML1	10/5/2010	PCB-1254	280	ug/Kg	
SEE09301255JDF1	9/30/2010	PCB-1254	280	ug/Kg	
SEE09251135JDF1	9/25/2010	PCB-1254	280	ug/Kg	
SEE09231645JDF1	9/23/2010	PCB-1254	280	ug/Kg	
SEE09051550MHS1	9/5/2010	PCB-1254	280	ug/Kg	
SEE09021010PML1	9/2/2010	PCB-1254	280	ug/Kg	
SEE09121436RCM1	9/12/2010	PCB-1254	270	ug/Kg	
SEE08300920JRP1	8/30/2010	PCB-1254	270	ug/Kg	J
SEE10141025ARM1	10/14/2010	PCB-1254	260	ug/Kg	
SEE10041150JDF1	10/4/2010	PCB-1254	260	ug/Kg	J
SEE09091410RCM1	9/9/2010	PCB-1254	260	ug/Kg	
SEE10171535ARM1	10/17/2010	PCB-1254	250	ug/Kg	
SEE10011120JDF1	10/1/2010	PCB-1254	250	ug/Kg	J
SEE09201115RCM1	9/20/2010	PCB-1254	250	ug/Kg	
SEE09191040PML1	9/19/2010	PCB-1254	250	ug/Kg	
SEE09161035RCM1	9/16/2010	PCB-1254	250	ug/Kg	
SEE09061500PML1	9/6/2010	PCB-1254	250	ug/Kg	
SEE09061525MHS1	9/6/2010	PCB-1254	250	ug/Kg	
SEE08291421KAP1	8/29/2010	PCB-1254	250	ug/kg	
SEE10181210JDF1	10/18/2010	PCB-1254	240	ug/Kg	
SEE10171115JDF1	10/17/2010	PCB-1254	240	ug/Kg	
SEE10141015JDF1	10/14/2010	PCB-1254	240	ug/Kg	
SEE10081231PML1	10/8/2010	PCB-1254	240	ug/Kg	
SEE09170839RCM1	9/17/2010	PCB-1254	240	ug/Kg	
SEE09071050PML1	9/7/2010	PCB-1254	240	ug/Kg	

**TABLE B-2b**  
**Upstream Sediment Samples (Morrow Lake)**

Sample ID	Sample Date	Analyte	Result	Unit	Data Qualifier
SEE09031645MHS1	9/3/2010	PCB-1254	240	ug/Kg	
SEE10181510JDF1	10/18/2010	PCB-1254	230	ug/Kg	
SEE10181510JDF1	10/18/2010	PCB-1254	230	ug/Kg	
SEE10091401PML1	10/9/2010	PCB-1254	230	ug/Kg	
SEE10061205PML1	10/6/2010	PCB-1254	230	ug/Kg	
SEE10041530JDF1	10/4/2010	PCB-1254	230	ug/Kg	
SEE08301130PML1	8/30/2010	PCB-1254	230	ug/Kg	
SEE10051125PML1	10/5/2010	PCB-1254	220	ug/Kg	
SEE10041335JDF1	10/4/2010	PCB-1254	220	ug/Kg	
SEE09271025ARM1	9/27/2010	PCB-1254	220	ug/Kg	
SEE09181235PML1	9/18/2010	PCB-1254	220	ug/Kg	
SEE09031650PML1	9/3/2010	PCB-1254	220	ug/Kg	
SEE09031650PML1	9/3/2010	PCB-1254	220	ug/Kg	
SEE10120930JDF1	10/12/2010	PCB-1254	210	ug/Kg	
SEE09301255MAE1	9/30/2010	PCB-1254	210	ug/Kg	J
SEE09250905RCM1	9/25/2010	PCB-1254	210	ug/Kg	
SEE08311420PML1	8/31/2010	PCB-1254	210	ug/Kg	J
SEE08311420PML1	8/31/2010	PCB-1254	210	ug/Kg	J
SEE08301145MHS1	8/30/2010	PCB-1254	210	ug/Kg	
SEE10121155JDF1	10/12/2010	PCB-1254	200	ug/Kg	J
SEE10091614PML1	10/9/2010	PCB-1254	200	ug/Kg	
SEE10081115PML1	10/8/2010	PCB-1254	200	ug/Kg	
SEE10071101PML1	10/7/2010	PCB-1254	200	ug/Kg	J
SEE09151145PML1	9/15/2010	PCB-1254	200	ug/Kg	
SEE09151145PML1	9/15/2010	PCB-1254	200	ug/Kg	
SEE09131445RCM1	9/13/2010	PCB-1254	200	ug/Kg	
SEE09061105PML1	9/6/2010	PCB-1254	200	ug/Kg	
SEE09051430PML1	9/5/2010	PCB-1254	200	ug/Kg	
SEE10071205PML1	10/7/2010	PCB-1254	190	ug/Kg	
SEE09271130JDF1	9/27/2010	PCB-1254	190	ug/Kg	
SEE09261625JDF1	9/26/2010	PCB-1254	190	ug/Kg	
SEE09261625JDF1	9/26/2010	PCB-1254	190	ug/Kg	
SEE09231210JDF1	9/23/2010	PCB-1254	190	ug/Kg	
SEE09121450PML1	9/12/2010	PCB-1254	190	ug/Kg	
SEE09011635PML1	9/1/2010	PCB-1254	190	ug/Kg	
SEE10101010PML1	10/10/2010	PCB-1254	180	ug/Kg	
SEE10041355ARM1	10/4/2010	PCB-1254	180	ug/Kg	J
SEE09200945PML1	9/20/2010	PCB-1254	180	ug/Kg	
SEE09200945PML1	9/20/2010	PCB-1254	180	ug/Kg	
SEE09201645ARM1	9/20/2010	PCB-1254	180	ug/Kg	
SEE09191445RCM1	9/19/2010	PCB-1254	180	ug/Kg	
SEE09191530PML1	9/19/2010	PCB-1254	180	ug/Kg	
SEE09131505PML1	9/13/2010	PCB-1254	180	ug/Kg	
SEE09091515PML1	9/9/2010	PCB-1254	180	ug/Kg	
SEE08261620RCM1	8/26/2010	PCB-1254	180	ug/kg	U
SEE10061640PML1	10/6/2010	PCB-1254	170	ug/Kg	
SEE10061640PML1	10/6/2010	PCB-1254	170	ug/Kg	
SEE09231130ARM1	9/23/2010	PCB-1254	170	ug/Kg	
SEE09181705PML1	9/18/2010	PCB-1254	170	ug/Kg	
SEE09011545PML1	9/1/2010	PCB-1254	170	ug/Kg	
SEE08301530JAW1	8/30/2010	PCB-1254	170	ug/Kg	
SEE08281607TWH1	8/28/2010	PCB-1254	170	ug/kg	U
SEE08281630RCM1	8/28/2010	PCB-1254	170	ug/kg	U
SEE10170915JDF1	10/17/2010	PCB-1254	160	ug/Kg	
SEE10121030JDF1	10/12/2010	PCB-1254	160	ug/Kg	
SEE10081051RCM1	10/8/2010	PCB-1254	160	ug/Kg	
SEE10041050JDF1	10/4/2010	PCB-1254	160	ug/Kg	
SEE10031115JDF1	10/3/2010	PCB-1254	160	ug/Kg	
SEE10031115JDF1	10/3/2010	PCB-1254	160	ug/Kg	
SEE09141135PML1	9/14/2010	PCB-1254	160	ug/Kg	

**TABLE B-2b**  
**Upstream Sediment Samples (Morrow Lake)**

Sample ID	Sample Date	Analyte	Result	Unit	Data Qualifier
SEE10141150JDF1	10/14/2010	PCB-1254	150	ug/Kg	
SEE10141550JDF1	10/14/2010	PCB-1254	150	ug/Kg	
SEE10141550JDF1	10/14/2010	PCB-1254	150	ug/Kg	
SEE10071540PML1	10/7/2010	PCB-1254	150	ug/Kg	
SEE10051415ARM1	10/5/2010	PCB-1254	150	ug/Kg	J
SEE09291645JDF1	9/29/2010	PCB-1254	150	ug/Kg	
SEE09161045PML1	9/16/2010	PCB-1254	150	ug/Kg	
SEE09141515PML1	9/14/2010	PCB-1254	150	ug/Kg	
SEE09091010PML1	9/9/2010	PCB-1254	150	ug/Kg	
SEE09031100PML1	9/3/2010	PCB-1254	150	ug/Kg	
SEE08281505PML1	8/28/2010	PCB-1254	150	ug/kg	U
SEE08271215PML1	8/27/2010	PCB-1254	150	ug/kg	U
SEE08261420RCM1	8/26/2010	PCB-1254	150	ug/kg	U
SEE10101215PML1	10/10/2010	PCB-1254	140	ug/Kg	
SEE10101215PML1	10/10/2010	PCB-1254	140	ug/Kg	
SEE09290925JDF1	9/29/2010	PCB-1254	140	ug/Kg	
SEE09271515JDF1	9/27/2010	PCB-1254	140	ug/Kg	
SEE09211155JDF1	9/21/2010	PCB-1254	140	ug/Kg	
SEE09101625PML1	9/10/2010	PCB-1254	140	ug/Kg	J
SEE09091145PML1	9/9/2010	PCB-1254	140	ug/Kg	
SEE09051130PML1	9/5/2010	PCB-1254	140	ug/Kg	
SEE08311348MHS1	8/31/2010	PCB-1254	140	ug/Kg	
SEE08271500PML1	8/27/2010	PCB-1254	140	ug/kg	U
SEE10161055JDF1	10/16/2010	PCB-1254	130	ug/Kg	
SEE10071151RCM1	10/7/2010	PCB-1254	130	ug/Kg	J
SEE10040945JDF1	10/4/2010	PCB-1254	130	ug/Kg	J
SEE09151015PML1	9/15/2010	PCB-1254	130	ug/Kg	
SEE09140945PML1	9/14/2010	PCB-1254	130	ug/Kg	
SEE09091410PML1	9/9/2010	PCB-1254	130	ug/Kg	
SEE09051015PML1	9/5/2010	PCB-1254	130	ug/Kg	
SEE09031115JAW1	9/3/2010	PCB-1254	130	ug/Kg	
SEE08301410JRP1	8/30/2010	PCB-1254	130	ug/Kg	
SEE08271145RCM1	8/27/2010	PCB-1254	130	ug/kg	U
SEE10161530JDF1	10/16/2010	PCB-1254	120	ug/Kg	
SEE08311045PML1	8/31/2010	PCB-1254	120	ug/Kg	
SEE08291110PML1	8/29/2010	PCB-1254	120	ug/kg	U
SEE08281215PML1	8/28/2010	PCB-1254	120	ug/kg	U
SEE09221440JDF1	9/22/2010	PCB-1254	110	ug/Kg	
SEE09171445RCM1	9/17/2010	PCB-1254	110	ug/Kg	
SEE09131125PML1	9/13/2010	PCB-1254	110	ug/Kg	
SEE09091025JRP1	9/9/2010	PCB-1254	110	ug/Kg	
SEE09040950PML1	9/4/2010	PCB-1254	110	ug/Kg	J
SEE09011145PML1	9/1/2010	PCB-1254	110	ug/Kg	
SEE10111125JDF1	10/11/2010	PCB-1254	100	ug/Kg	
SEE10031425JDF1	10/3/2010	PCB-1254	100	ug/Kg	J
SEE09101215PML1	9/10/2010	PCB-1254	100	ug/Kg	J
SEE09220935RCM1	9/22/2010	PCB-1254	98	ug/Kg	J
SEE08281420TWH1	8/28/2010	PCB-1254	98	ug/kg	J
SEE09061610JAW1	9/6/2010	PCB-1254	95	ug/Kg	
SEE10111350JDF1	10/11/2010	PCB-1254	94	ug/Kg	
SEE09091605PML1	9/9/2010	PCB-1254	94	ug/Kg	J
SEE10150945JDF1	10/15/2010	PCB-1254	91	ug/Kg	
SEE09291035JDF1	9/29/2010	PCB-1254	91	ug/Kg	J
SEE09221105JDF1	9/22/2010	PCB-1254	90	ug/Kg	J
SEE09131620PML1	9/13/2010	PCB-1254	87	ug/Kg	J
SEE10111011JDF1	10/11/2010	PCB-1254	83	ug/Kg	
SEE08271614TWH1	8/27/2010	PCB-1254	80	ug/kg	
SEE09011255PML1	9/1/2010	PCB-1254	79	ug/Kg	
SEE09171415PML1	9/17/2010	PCB-1254	78	ug/Kg	
SEE09121105RCM1	9/12/2010	PCB-1254	78	ug/Kg	J

**TABLE B-2b**  
**Upstream Sediment Samples (Morrow Lake)**

Sample ID	Sample Date	Analyte	Result	Unit	Data Qualifier
SEE08291550KAP1	8/29/2010	PCB-1254	75	ug/kg	J
SEE09291135JDF1	9/29/2010	PCB-1254	72	ug/Kg	
SEE09130915JRP1	9/13/2010	PCB-1254	71	ug/Kg	
SEE09041350PML1	9/4/2010	PCB-1254	70	ug/Kg	U
SEE09171125PML1	9/17/2010	PCB-1254	69	ug/Kg	
SEE08291354KAP1	8/29/2010	PCB-1254	69	ug/kg	U
SEE09171530PML1	9/17/2010	PCB-1254	66	ug/Kg	
SEE08261445JRP1	8/26/2010	PCB-1254	66	ug/Kg	U
SEE09211530JDF1	9/21/2010	PCB-1254	65	ug/Kg	UU
SEE10161415JDF1	10/16/2010	PCB-1254	63	ug/Kg	U
SEE09101022PML1	9/10/2010	PCB-1254	63	ug/Kg	J
SEE09051500MHS1	9/5/2010	PCB-1254	61	ug/Kg	
SEE09211112RCM1	9/21/2010	PCB-1254	60	ug/Kg	U
SEE09221615JDF1	9/22/2010	PCB-1254	59	ug/Kg	J
SEE09111015PML1	9/11/2010	PCB-1254	58	ug/Kg	J
SEE08281510TWH1	8/28/2010	PCB-1254	58	ug/kg	J
SEE10071045ARM1	10/7/2010	PCB-1254	57	ug/Kg	
SEE08291445PML1	8/29/2010	PCB-1254	57	ug/kg	U
SEE09130940PML1	9/13/2010	PCB-1254	52	ug/Kg	J
SEE09290915MAE1	9/29/2010	PCB-1254	47	ug/Kg	
SEE08271445JRP1	8/27/2010	PCB-1254	47	ug/kg	U
SEE09141312RCM1	9/14/2010	PCB-1254	46	ug/Kg	J
SEE08271536TWH1	8/27/2010	PCB-1254	46	ug/kg	U
SEE10061135ARM1	10/6/2010	PCB-1254	44	ug/Kg	
SEB08281400JLS1	8/28/2010	PCB-1254	44	ug/kg	U
SEE08281540JRP1	8/28/2010	PCB-1254	43	ug/kg	U
SEE08271652TWH1	8/27/2010	PCB-1254	43	ug/kg	J
SEE09170945PML1	9/17/2010	PCB-1254	42	ug/Kg	J
SEE09130955JRP1	9/13/2010	PCB-1254	36	ug/Kg	J
SEE09200911RCM1	9/20/2010	PCB-1254	33	ug/Kg	
SEE09051500JAW1	9/5/2010	PCB-1254	29	ug/Kg	
SEE08261700JRP1	8/26/2010	PCB-1254	27	ug/Kg	U
SEE09011515JAW1	9/1/2010	PCB-1254	26	ug/Kg	
SEE10041045ARM1	10/4/2010	PCB-1254	25	ug/Kg	
SEE09100945RCM1	9/10/2010	PCB-1254	25	ug/Kg	J
SEE10081035ARM1	10/8/2010	PCB-1254	24	ug/Kg	U
SEF10081108TDF3	10/8/2010	PCB-1254	23	ug/Kg	U
SEE09201110ARM1	9/20/2010	PCB-1254	23	ug/Kg	J
SEE09140945JRP1	9/14/2010	PCB-1254	23	ug/Kg	U
SEF10121130PMB3	10/12/2010	PCB-1254	22	ug/Kg	U
SEB09011143JLS1	9/1/2010	PCB-1254	22	ug/Kg	U
SEE08301100JRP1	8/30/2010	PCB-1254	22	ug/Kg	U
SEE10051145RCM1	10/5/2010	PCB-1254	21	ug/Kg	U
SEF10051206TDF3	10/5/2010	PCB-1254	21	ug/Kg	U
SEE09221045ARM1	9/22/2010	PCB-1254	21	ug/Kg	U
SEE09150915JRP1	9/15/2010	PCB-1254	21	ug/Kg	J
SEE09080930JRP1	9/8/2010	PCB-1254	21	ug/Kg	U
SEE09070930JRP1	9/7/2010	PCB-1254	21	ug/Kg	U
SEE10181030JWP1	10/18/2010	PCB-1254	20	ug/Kg	U
SEE10131035ARM1	10/13/2010	PCB-1254	20	ug/Kg	U
SEE09251235ARM1	9/25/2010	PCB-1254	20	ug/Kg	J
SEE09231205RCM1	9/23/2010	PCB-1254	20	ug/Kg	J
SEE09271500ARM1	9/27/2010	PCB-1254	19	ug/Kg	J
SEE10121040ARM1	10/12/2010	PCB-1254	18	ug/Kg	J
SEF10011045TDF1	10/1/2010	PCB-1254	16	ug/Kg	J
SEE09171200ARM1	9/17/2010	PCB-1254	16	ug/Kg	J
SEE09281445RCM1	9/28/2010	PCB-1254	14	ug/Kg	J
SEE09211120ARM1	9/21/2010	PCB-1254	14	ug/Kg	J
SEE09170935RCM1	9/17/2010	PCB-1254	14	ug/Kg	J
SEE10011125ARM1	10/1/2010	PCB-1254	11	ug/Kg	J

**TABLE B-2b**  
**Upstream Sediment Samples (Morrow Lake)**

Sample ID	Sample Date	Analyte	Result	Unit	Data Qualifier
SEE09301025MAE1	9/30/2010	PCB-1254	11	ug/Kg	J
SEE09100920JRP1	9/10/2010	PCB-1254	11	ug/Kg	J
SEF10151030PMB3	10/15/2010	PCB-1254	7.6	ug/Kg	J
SEE10011043RCM1	10/1/2010	PCB-1254	7.0	ug/Kg	J
SEF09281139TDF1	9/28/2010	PCB-1254	6.1	ug/Kg	J
SEE10121415ARM1	10/12/2010	PCB-1260	500	ug/Kg	
SEE10151055ARM1	10/15/2010	PCB-1260	370	ug/Kg	
SEE10151355ARM1	10/15/2010	PCB-1260	220	ug/Kg	
SEE08261620RCM1	8/26/2010	PCB-1260	180	ug/kg	U
SEE08281607TWH1	8/28/2010	PCB-1260	170	ug/kg	U
SEE08281630RCM1	8/28/2010	PCB-1260	170	ug/kg	U
SEE10091200ARM1	10/9/2010	PCB-1260	160	ug/Kg	U
SEE08281505PML1	8/28/2010	PCB-1260	150	ug/kg	U
SEE08271215PML1	8/27/2010	PCB-1260	150	ug/kg	U
SEE08261420RCM1	8/26/2010	PCB-1260	150	ug/kg	U
SEE10181430JWP1	10/18/2010	PCB-1260	140	ug/Kg	U
SEE08301520JRP1	8/30/2010	PCB-1260	140	ug/Kg	U
SEE08271500PML1	8/27/2010	PCB-1260	140	ug/kg	U
SEE08271145RCM1	8/27/2010	PCB-1260	130	ug/kg	U
SEE10161115ARM1	10/16/2010	PCB-1260	120	ug/Kg	
SEE08291110PML1	8/29/2010	PCB-1260	120	ug/kg	U
SEE08281215PML1	8/28/2010	PCB-1260	120	ug/kg	U
SEE08281420TWH1	8/28/2010	PCB-1260	120	ug/kg	U
SEE08291421KAP1	8/29/2010	PCB-1260	110	ug/kg	U
SEE08281510TWH1	8/28/2010	PCB-1260	110	ug/kg	U
SEE08311010JRP1	8/31/2010	PCB-1260	97	ug/Kg	U
SEE09021400PML1	9/2/2010	PCB-1260	94	ug/Kg	U
SEE10071415ARM1	10/7/2010	PCB-1260	93	ug/Kg	U
SEE09301105JDF1	9/30/2010	PCB-1260	93	ug/Kg	U
SEE09090900JRP1	9/9/2010	PCB-1260	93	ug/Kg	U
SEE09061500PML1	9/6/2010	PCB-1260	93	ug/Kg	U
SEE10051125PML1	10/5/2010	PCB-1260	91	ug/Kg	U
SEE09181235PML1	9/18/2010	PCB-1260	90	ug/Kg	U
SEE08301130PML1	8/30/2010	PCB-1260	90	ug/Kg	U
SEE09231645JDF1	9/23/2010	PCB-1260	88	ug/Kg	U
SEE10171410JDF1	10/17/2010	PCB-1260	87	ug/Kg	U
SEE09101022PML1	9/10/2010	PCB-1260	87	ug/Kg	UJ
SEE09101215PML1	9/10/2010	PCB-1260	87	ug/Kg	UJ
SEE09011545MHS1	9/1/2010	PCB-1260	87	ug/Kg	U
SEE09011545PML1	9/1/2010	PCB-1260	87	ug/Kg	U
SEE09121105RCM1	9/12/2010	PCB-1260	86	ug/Kg	U
SEE09031645MHS1	9/3/2010	PCB-1260	86	ug/Kg	U
SEE08291550KAP1	8/29/2010	PCB-1260	86	ug/kg	U
SEE09141135PML1	9/14/2010	PCB-1260	85	ug/Kg	U
SEE08311420PML1	8/31/2010	PCB-1260	85	ug/Kg	U
SEE08311420PML1	8/31/2010	PCB-1260	85	ug/Kg	U
SEE10131150JDF1	10/13/2010	PCB-1260	83	ug/Kg	U
SEE10091401PML1	10/9/2010	PCB-1260	83	ug/Kg	J
SEE10081115PML1	10/8/2010	PCB-1260	83	ug/Kg	U
SEE09081020RCM1	9/8/2010	PCB-1260	83	ug/Kg	U
SEE09051550MHS1	9/5/2010	PCB-1260	83	ug/Kg	U
SEE09030925PML1	9/3/2010	PCB-1260	83	ug/Kg	U
SEE08301550PML1	8/30/2010	PCB-1260	83	ug/Kg	U
SEE09301255JDF1	9/30/2010	PCB-1260	82	ug/Kg	U
SEE09140945PML1	9/14/2010	PCB-1260	82	ug/Kg	U
SEE09061525MHS1	9/6/2010	PCB-1260	82	ug/Kg	U
SEE09291023RCM1	9/29/2010	PCB-1260	81	ug/Kg	U
SEE09161045PML1	9/16/2010	PCB-1260	81	ug/Kg	U
SEE09131026RCM1	9/13/2010	PCB-1260	81	ug/Kg	U
SEE09091410RCM1	9/9/2010	PCB-1260	81	ug/Kg	U

**TABLE B-2b**  
**Upstream Sediment Samples (Morrow Lake)**

Sample ID	Sample Date	Analyte	Result	Unit	Data Qualifier
SEE09231210JDF1	9/23/2010	PCB-1260	80	ug/Kg	U
SEE09121436RCM1	9/12/2010	PCB-1260	80	ug/Kg	U
SEE09101625PML1	9/10/2010	PCB-1260	80	ug/Kg	UJ
SEE09071050PML1	9/7/2010	PCB-1260	80	ug/Kg	U
SEE09021010PML1	9/2/2010	PCB-1260	80	ug/Kg	U
SEE10041530JDF1	10/4/2010	PCB-1260	79	ug/Kg	U
SEE10031115JDF1	10/3/2010	PCB-1260	79	ug/Kg	U
SEE10031115JDF1	10/3/2010	PCB-1260	79	ug/Kg	U
SEE09051130PML1	9/5/2010	PCB-1260	79	ug/Kg	U
SEE09031100PML1	9/3/2010	PCB-1260	79	ug/Kg	U
SEE08301638MHS1	8/30/2010	PCB-1260	79	ug/Kg	U
SEE10181035JDF1	10/18/2010	PCB-1260	78	ug/Kg	U
SEE10051653PML1	10/5/2010	PCB-1260	78	ug/Kg	U
SEE09200945PML1	9/20/2010	PCB-1260	78	ug/Kg	U
SEE09200945PML1	9/20/2010	PCB-1260	78	ug/Kg	U
SEE09171415PML1	9/17/2010	PCB-1260	78	ug/Kg	U
SEE09131505PML1	9/13/2010	PCB-1260	78	ug/Kg	U
SEE10181510JDF1	10/18/2010	PCB-1260	77	ug/Kg	U
SEE10181510JDF1	10/18/2010	PCB-1260	77	ug/Kg	U
SEE10101215PML1	10/10/2010	PCB-1260	77	ug/Kg	U
SEE10101215PML1	10/10/2010	PCB-1260	77	ug/Kg	U
SEE09220935RCM1	9/22/2010	PCB-1260	77	ug/Kg	UJ
SEE09181705PML1	9/18/2010	PCB-1260	77	ug/Kg	U
SEE09141515PML1	9/14/2010	PCB-1260	77	ug/Kg	U
SEE09131445RCM1	9/13/2010	PCB-1260	77	ug/Kg	U
SEE10171115JDF1	10/17/2010	PCB-1260	76	ug/Kg	U
SEE10141015JDF1	10/14/2010	PCB-1260	76	ug/Kg	U
SEE10141555ARM1	10/14/2010	PCB-1260	76	ug/Kg	U
SEE10101010PML1	10/10/2010	PCB-1260	76	ug/Kg	U
SEE10081051RCM1	10/8/2010	PCB-1260	76	ug/Kg	U
SEE10041138RCM1	10/4/2010	PCB-1260	76	ug/Kg	U
SEE09261625JDF1	9/26/2010	PCB-1260	76	ug/Kg	U
SEE09261625JDF1	9/26/2010	PCB-1260	76	ug/Kg	U
SEE09191040PML1	9/19/2010	PCB-1260	76	ug/Kg	U
SEE09081205PML1	9/8/2010	PCB-1260	76	ug/Kg	U
SEE09061105PML1	9/6/2010	PCB-1260	76	ug/Kg	U
SEE09031650PML1	9/3/2010	PCB-1260	76	ug/Kg	U
SEE09031650PML1	9/3/2010	PCB-1260	76	ug/Kg	U
SEE10141150JDF1	10/14/2010	PCB-1260	75	ug/Kg	U
SEE10141550JDF1	10/14/2010	PCB-1260	75	ug/Kg	U
SEE10141550JDF1	10/14/2010	PCB-1260	75	ug/Kg	U
SEE10061051RCM1	10/6/2010	PCB-1260	75	ug/Kg	U
SEE09191445RCM1	9/19/2010	PCB-1260	75	ug/Kg	U
SEE09170839RCM1	9/17/2010	PCB-1260	75	ug/Kg	U
SEE09091515PML1	9/9/2010	PCB-1260	75	ug/Kg	U
SEE08301145MHS1	8/30/2010	PCB-1260	75	ug/Kg	U
SEE09260930RCM1	9/26/2010	PCB-1260	74	ug/Kg	U
SEE09261215JDF1	9/26/2010	PCB-1260	74	ug/Kg	U
SEE09230955RCM1	9/23/2010	PCB-1260	74	ug/Kg	U
SEE09191530PML1	9/19/2010	PCB-1260	74	ug/Kg	U
SEE09151145PML1	9/15/2010	PCB-1260	74	ug/Kg	U
SEE09151145PML1	9/15/2010	PCB-1260	74	ug/Kg	U
SEE09081010PML1	9/8/2010	PCB-1260	74	ug/Kg	U
SEE10181210JDF1	10/18/2010	PCB-1260	73	ug/Kg	U
SEE10120930JDF1	10/12/2010	PCB-1260	73	ug/Kg	U
SEE10061205PML1	10/6/2010	PCB-1260	73	ug/Kg	U
SEE10011120JDF1	10/1/2010	PCB-1260	73	ug/Kg	U
SEE09161035RCM1	9/16/2010	PCB-1260	73	ug/Kg	U
SEE09121055PML1	9/12/2010	PCB-1260	73	ug/Kg	U
SEE09121055PML1	9/12/2010	PCB-1260	73	ug/Kg	U

**TABLE B-2b**  
**Upstream Sediment Samples (Morrow Lake)**

Sample ID	Sample Date	Analyte	Result	Unit	Data Qualifier
SEE09031140MHS1	9/3/2010	PCB-1260	73	ug/Kg	U
SEE09011050PML1	9/1/2010	PCB-1260	73	ug/Kg	U
SEE08311045PML1	8/31/2010	PCB-1260	73	ug/Kg	U
SEE10081231PML1	10/8/2010	PCB-1260	72	ug/Kg	U
SEE10071101PML1	10/7/2010	PCB-1260	72	ug/Kg	U
SEE09251135JDF1	9/25/2010	PCB-1260	72	ug/Kg	U
SEE09171445RCM1	9/17/2010	PCB-1260	72	ug/Kg	U
SEE09151015PML1	9/15/2010	PCB-1260	72	ug/Kg	U
SEE10121155JDF1	10/12/2010	PCB-1260	71	ug/Kg	U
SEE10071042RCM1	10/7/2010	PCB-1260	71	ug/Kg	U
SEE09221440JDF1	9/22/2010	PCB-1260	71	ug/Kg	U
SEE09211155JDF1	9/21/2010	PCB-1260	71	ug/Kg	U
SEE09121450PML1	9/12/2010	PCB-1260	71	ug/Kg	U
SEE09111015PML1	9/11/2010	PCB-1260	71	ug/Kg	U
SEE09091005RCM1	9/9/2010	PCB-1260	71	ug/Kg	U
SEE09041350PML1	9/4/2010	PCB-1260	70	ug/Kg	U
SEE10041150JDF1	10/4/2010	PCB-1260	69	ug/Kg	U
SEE09301205RCM1	9/30/2010	PCB-1260	69	ug/Kg	U
SEE09271130JDF1	9/27/2010	PCB-1260	69	ug/Kg	U
SEE09201115RCM1	9/20/2010	PCB-1260	69	ug/Kg	U
SEE09091605PML1	9/9/2010	PCB-1260	69	ug/Kg	UJ
SEE09061130MHS1	9/6/2010	PCB-1260	69	ug/Kg	U
SEE09040950PML1	9/4/2010	PCB-1260	69	ug/Kg	U
SEE08291354KAP1	8/29/2010	PCB-1260	69	ug/kg	U
SEE10111125JDF1	10/11/2010	PCB-1260	68	ug/Kg	U
SEE10061640PML1	10/6/2010	PCB-1260	68	ug/Kg	U
SEE10061640PML1	10/6/2010	PCB-1260	68	ug/Kg	U
SEE10031425JDF1	10/3/2010	PCB-1260	68	ug/Kg	UJ
SEE09250905RCM1	9/25/2010	PCB-1260	68	ug/Kg	U
SEE09131125PML1	9/13/2010	PCB-1260	68	ug/Kg	U
SEE09011255PML1	9/1/2010	PCB-1260	68	ug/Kg	U
SEE09131620PML1	9/13/2010	PCB-1260	67	ug/Kg	UJ
SEE09170945PML1	9/17/2010	PCB-1260	66	ug/Kg	UJ
SEE08261445JRP1	8/26/2010	PCB-1260	66	ug/Kg	U
SEE10091614PML1	10/9/2010	PCB-1260	65	ug/Kg	J
SEE09211530JDF1	9/21/2010	PCB-1260	65	ug/Kg	UJ
SEE09091010PML1	9/9/2010	PCB-1260	65	ug/Kg	U
SEE09291035JDF1	9/29/2010	PCB-1260	64	ug/Kg	UJ
SEE09171125PML1	9/17/2010	PCB-1260	64	ug/Kg	U
SEE09130940PML1	9/13/2010	PCB-1260	64	ug/Kg	UJ
SEE09091145PML1	9/9/2010	PCB-1260	64	ug/Kg	U
SEE09091410PML1	9/9/2010	PCB-1260	64	ug/Kg	U
SEE08301015JRP1	8/30/2010	PCB-1260	64	ug/Kg	U
SEE08301445JRP1	8/30/2010	PCB-1260	64	ug/Kg	U
SEE10161415JDF1	10/16/2010	PCB-1260	63	ug/Kg	U
SEE09051015PML1	9/5/2010	PCB-1260	63	ug/Kg	U
SEE08301530JAW1	8/30/2010	PCB-1260	63	ug/Kg	U
SEE10111011JDF1	10/11/2010	PCB-1260	62	ug/Kg	U
SEE10071205PML1	10/7/2010	PCB-1260	62	ug/Kg	U
SEE09221105JDF1	9/22/2010	PCB-1260	62	ug/Kg	UJ
SEE09201645ARM1	9/20/2010	PCB-1260	62	ug/Kg	U
SEE09171530PML1	9/17/2010	PCB-1260	62	ug/Kg	U
SEE09031115JAW1	9/3/2010	PCB-1260	62	ug/Kg	U
SEE10111350JDF1	10/11/2010	PCB-1260	61	ug/Kg	U
SEE09271515JDF1	9/27/2010	PCB-1260	61	ug/Kg	U
SEE09091025JRP1	9/9/2010	PCB-1260	61	ug/Kg	U
SEE09051430PML1	9/5/2010	PCB-1260	61	ug/Kg	U
SEE10071540PML1	10/7/2010	PCB-1260	60	ug/Kg	U
SEE09290925JDF1	9/29/2010	PCB-1260	60	ug/Kg	U
SEE09211112RCM1	9/21/2010	PCB-1260	60	ug/Kg	U

**TABLE B-2b**  
**Upstream Sediment Samples (Morrow Lake)**

Sample ID	Sample Date	Analyte	Result	Unit	Data Qualifier
SEE09011635PML1	9/1/2010	PCB-1260	60	ug/Kg	U
SEE09301255MAE1	9/30/2010	PCB-1260	59	ug/Kg	U
SEE09271025ARM1	9/27/2010	PCB-1260	59	ug/Kg	U
SEE09231130ARM1	9/23/2010	PCB-1260	59	ug/Kg	U
SEE09221615JDF1	9/22/2010	PCB-1260	59	ug/Kg	UJ
SEE09011145PML1	9/1/2010	PCB-1260	59	ug/Kg	U
SEE10121030JDF1	10/12/2010	PCB-1260	58	ug/Kg	U
SEE10041335JDF1	10/4/2010	PCB-1260	58	ug/Kg	U
SEE08271614TWH1	8/27/2010	PCB-1260	58	ug/kg	U
SEE08291445PML1	8/29/2010	PCB-1260	57	ug/kg	U
SEE10040945JDF1	10/4/2010	PCB-1260	56	ug/Kg	U
SEE10041050JDF1	10/4/2010	PCB-1260	56	ug/Kg	U
SEE09130955JRP1	9/13/2010	PCB-1260	56	ug/Kg	UJ
SEE09291645JDF1	9/29/2010	PCB-1260	55	ug/Kg	U
SEE09141312RCM1	9/14/2010	PCB-1260	55	ug/Kg	UJ
SEE08271652TWH1	8/27/2010	PCB-1260	53	ug/kg	U
SEE10041355ARM1	10/4/2010	PCB-1260	50	ug/Kg	U
SEE09291135JDF1	9/29/2010	PCB-1260	48	ug/Kg	U
SEE08311348MHS1	8/31/2010	PCB-1260	47	ug/Kg	U
SEE08271445JRP1	8/27/2010	PCB-1260	47	ug/kg	U
SEE10170915JDF1	10/17/2010	PCB-1260	46	ug/Kg	U
SEE08271536TWH1	8/27/2010	PCB-1260	46	ug/kg	U
SEB08281400JLS1	8/28/2010	PCB-1260	44	ug/kg	U
SEE10071151RCM1	10/7/2010	PCB-1260	43	ug/Kg	U
SEE08281540JRP1	8/28/2010	PCB-1260	43	ug/kg	U
SEE10161055JDF1	10/16/2010	PCB-1260	41	ug/Kg	J
SEE08300920JRP1	8/30/2010	PCB-1260	41	ug/Kg	U
SEE10161530JDF1	10/16/2010	PCB-1260	40	ug/Kg	J
SEE09051500MHS1	9/5/2010	PCB-1260	38	ug/Kg	U
SEE10141025ARM1	10/14/2010	PCB-1260	35	ug/Kg	U
SEE09130915JRP1	9/13/2010	PCB-1260	33	ug/Kg	U
SEE09061610JAW1	9/6/2010	PCB-1260	30	ug/Kg	U
SEE10051415ARM1	10/5/2010	PCB-1260	29	ug/Kg	U
SEE10171535ARM1	10/17/2010	PCB-1260	28	ug/Kg	U
SEE08261700JRP1	8/26/2010	PCB-1260	27	ug/Kg	U
SEE09100945RCM1	9/10/2010	PCB-1260	26	ug/Kg	U
SEE10011125ARM1	10/1/2010	PCB-1260	25	ug/Kg	U
SEE09201110ARM1	9/20/2010	PCB-1260	25	ug/Kg	U
SEE08301410JRP1	8/30/2010	PCB-1260	25	ug/Kg	U
SEE10150945JDF1	10/15/2010	PCB-1260	24	ug/Kg	J
SEE10081035ARM1	10/8/2010	PCB-1260	24	ug/Kg	U
SEE09290915MAE1	9/29/2010	PCB-1260	24	ug/Kg	U
SEE09211120ARM1	9/21/2010	PCB-1260	24	ug/Kg	U
SEE09171200ARM1	9/17/2010	PCB-1260	24	ug/Kg	U
SEF10081108TDF3	10/8/2010	PCB-1260	23	ug/Kg	U
SEF10011045TDF1	10/1/2010	PCB-1260	23	ug/Kg	U
SEE09271500ARM1	9/27/2010	PCB-1260	23	ug/Kg	U
SEE09231205RCM1	9/23/2010	PCB-1260	23	ug/Kg	U
SEE09200911RCM1	9/20/2010	PCB-1260	23	ug/Kg	U
SEE09140945JRP1	9/14/2010	PCB-1260	23	ug/Kg	U
SEF10121130PMB3	10/12/2010	PCB-1260	22	ug/Kg	U
SEE10071045ARM1	10/7/2010	PCB-1260	22	ug/Kg	U
SEE09281445RCM1	9/28/2010	PCB-1260	22	ug/Kg	U
SEE09251235ARM1	9/25/2010	PCB-1260	22	ug/Kg	U
SEE09231035ARM1	9/23/2010	PCB-1260	22	ug/Kg	U
SEE09170935RCM1	9/17/2010	PCB-1260	22	ug/Kg	U
SEE09150915JRP1	9/15/2010	PCB-1260	22	ug/Kg	U
SEB09011143JLS1	9/1/2010	PCB-1260	22	ug/Kg	U
SEE08301100JRP1	8/30/2010	PCB-1260	22	ug/Kg	U
SEF10151030PMB3	10/15/2010	PCB-1260	21	ug/Kg	U



**TABLE B-2b**  
**Upstream Sediment Samples (Morrow Lake)**

Sample ID	Sample Date	Analyte	Result	Unit	Data Qualifier
SEE10061135ARM1	10/6/2010	PCB-1260	21	ug/Kg	U
SEE10051145RCM1	10/5/2010	PCB-1260	21	ug/Kg	U
SEF10051206TDF3	10/5/2010	PCB-1260	21	ug/Kg	U
SEE10041045ARM1	10/4/2010	PCB-1260	21	ug/Kg	U
SEE10011043RCM1	10/1/2010	PCB-1260	21	ug/Kg	U
SEE09301025MAE1	9/30/2010	PCB-1260	21	ug/Kg	U
SEE09221045ARM1	9/22/2010	PCB-1260	21	ug/Kg	U
SEE09100920JRP1	9/10/2010	PCB-1260	21	ug/Kg	U
SEE09080930JRP1	9/8/2010	PCB-1260	21	ug/Kg	U
SEE09070930JRP1	9/7/2010	PCB-1260	21	ug/Kg	U
SEE09051500JAW1	9/5/2010	PCB-1260	21	ug/Kg	U
SEE09011515JAW1	9/1/2010	PCB-1260	21	ug/Kg	U
SEE10181030JWP1	10/18/2010	PCB-1260	20	ug/Kg	U
SEE10131035ARM1	10/13/2010	PCB-1260	20	ug/Kg	U
SEE10121040ARM1	10/12/2010	PCB-1260	20	ug/Kg	U
SEF09281139TDF1	9/28/2010	PCB-1260	19	ug/Kg	U
SEE09051430PML1	9/5/2010	Pentachlorophenol	12000	ug/Kg	U
SEE09011635PML1	9/1/2010	Pentachlorophenol	12000	ug/Kg	U
SEE08271145RCM1	8/27/2010	Pentachlorophenol	3900	ug/kg	U
SEE10051125PML1	10/5/2010	Pentachlorophenol	3700	ug/Kg	U
SEE09061500PML1	9/6/2010	Pentachlorophenol	3700	ug/Kg	U
SEE09021400PML1	9/2/2010	Pentachlorophenol	3700	ug/Kg	U
SEE08301130PML1	8/30/2010	Pentachlorophenol	3700	ug/Kg	U
SEE09301105JDF1	9/30/2010	Pentachlorophenol	3600	ug/Kg	U
SEE10171410JDF1	10/17/2010	Pentachlorophenol	3500	ug/Kg	U
SEE09181235PML1	9/18/2010	Pentachlorophenol	3500	ug/Kg	U
SEE09101022PML1	9/10/2010	Pentachlorophenol	3500	ug/Kg	U
SEE09011545PML1	9/1/2010	Pentachlorophenol	3500	ug/Kg	U
SEE08261620RCM1	8/26/2010	Pentachlorophenol	3500	ug/kg	U
SEE10131150JDF1	10/13/2010	Pentachlorophenol	3400	ug/Kg	U
SEE10081115PML1	10/8/2010	Pentachlorophenol	3400	ug/Kg	U
SEE09301255JDF1	9/30/2010	Pentachlorophenol	3400	ug/Kg	U
SEE09231645JDF1	9/23/2010	Pentachlorophenol	3400	ug/Kg	U
SEE09141135PML1	9/14/2010	Pentachlorophenol	3400	ug/Kg	U
SEE09121105RCM1	9/12/2010	Pentachlorophenol	3400	ug/Kg	U
SEE09101215PML1	9/10/2010	Pentachlorophenol	3400	ug/Kg	U
SEE09091410RCM1	9/9/2010	Pentachlorophenol	3400	ug/Kg	U
SEE09081020RCM1	9/8/2010	Pentachlorophenol	3400	ug/Kg	U
SEE09031645MHS1	9/3/2010	Pentachlorophenol	3400	ug/Kg	U
SEE09011545MHS1	9/1/2010	Pentachlorophenol	3400	ug/Kg	U
SEE08311420PML1	8/31/2010	Pentachlorophenol	3400	ug/Kg	U
SEE08311420PML1	8/31/2010	Pentachlorophenol	3400	ug/Kg	U
SEE10091401PML1	10/9/2010	Pentachlorophenol	3300	ug/Kg	U
SEE09121436RCM1	9/12/2010	Pentachlorophenol	3300	ug/Kg	U
SEE09051550MHS1	9/5/2010	Pentachlorophenol	3300	ug/Kg	U
SEE09030925PML1	9/3/2010	Pentachlorophenol	3300	ug/Kg	U
SEE10181035JDF1	10/18/2010	Pentachlorophenol	3200	ug/Kg	U
SEE10091614PML1	10/9/2010	Pentachlorophenol	3200	ug/Kg	U
SEE10051653PML1	10/5/2010	Pentachlorophenol	3200	ug/Kg	U
SEE10041530JDF1	10/4/2010	Pentachlorophenol	3200	ug/Kg	U
SEE09291023RCM1	9/29/2010	Pentachlorophenol	3200	ug/Kg	U
SEE09231210JDF1	9/23/2010	Pentachlorophenol	3200	ug/Kg	U
SEE09141515PML1	9/14/2010	Pentachlorophenol	3200	ug/Kg	U
SEE09131026RCM1	9/13/2010	Pentachlorophenol	3200	ug/Kg	U
SEE09101625PML1	9/10/2010	Pentachlorophenol	3200	ug/Kg	U
SEE09061525MHS1	9/6/2010	Pentachlorophenol	3200	ug/Kg	U
SEE09051130PML1	9/5/2010	Pentachlorophenol	3200	ug/Kg	U
SEE09031100PML1	9/3/2010	Pentachlorophenol	3200	ug/Kg	U
SEE09021010PML1	9/2/2010	Pentachlorophenol	3200	ug/Kg	U
SEE08301550PML1	8/30/2010	Pentachlorophenol	3200	ug/Kg	U

**TABLE B-2b**  
**Upstream Sediment Samples (Morrow Lake)**

Sample ID	Sample Date	Analyte	Result	Unit	Data Qualifier
SEE08301638MHS1	8/30/2010	Pentachlorophenol	3200	ug/Kg	U
SEE10181510JDF1	10/18/2010	Pentachlorophenol	3100	ug/Kg	U
SEE10181510JDF1	10/18/2010	Pentachlorophenol	3100	ug/Kg	U
SEE10171115JDF1	10/17/2010	Pentachlorophenol	3100	ug/Kg	U
SEE10141015JDF1	10/14/2010	Pentachlorophenol	3100	ug/Kg	U
SEE10101215PML1	10/10/2010	Pentachlorophenol	3100	ug/Kg	U
SEE10101215PML1	10/10/2010	Pentachlorophenol	3100	ug/Kg	U
SEE10061205PML1	10/6/2010	Pentachlorophenol	3100	ug/Kg	U
SEE10031115JDF1	10/3/2010	Pentachlorophenol	3100	ug/Kg	U
SEE10031115JDF1	10/3/2010	Pentachlorophenol	3100	ug/Kg	U
SEE09220935RCM1	9/22/2010	Pentachlorophenol	3100	ug/Kg	U
SEE09191445RCM1	9/19/2010	Pentachlorophenol	3100	ug/Kg	U
SEE09171415PML1	9/17/2010	Pentachlorophenol	3100	ug/Kg	U
SEE09161045PML1	9/16/2010	Pentachlorophenol	3100	ug/Kg	U
SEE09140945PML1	9/14/2010	Pentachlorophenol	3100	ug/Kg	U
SEE09131445RCM1	9/13/2010	Pentachlorophenol	3100	ug/Kg	U
SEE09131505PML1	9/13/2010	Pentachlorophenol	3100	ug/Kg	U
SEE09081205PML1	9/8/2010	Pentachlorophenol	3100	ug/Kg	U
SEE09071050PML1	9/7/2010	Pentachlorophenol	3100	ug/Kg	U
SEE08301145MHS1	8/30/2010	Pentachlorophenol	3100	ug/Kg	U
SEE10141150JDF1	10/14/2010	Pentachlorophenol	3000	ug/Kg	U
SEE10141555ARM1	10/14/2010	Pentachlorophenol	3000	ug/Kg	U
SEE10101010PML1	10/10/2010	Pentachlorophenol	3000	ug/Kg	U
SEE10081051RCM1	10/8/2010	Pentachlorophenol	3000	ug/Kg	U
SEE10061051RCM1	10/6/2010	Pentachlorophenol	3000	ug/Kg	U
SEE10041138RCM1	10/4/2010	Pentachlorophenol	3000	ug/Kg	U
SEE09261625JDF1	9/26/2010	Pentachlorophenol	3000	ug/Kg	U
SEE09261625JDF1	9/26/2010	Pentachlorophenol	3000	ug/Kg	U
SEE09251135JDF1	9/25/2010	Pentachlorophenol	3000	ug/Kg	U
SEE09200945PML1	9/20/2010	Pentachlorophenol	3000	ug/Kg	U
SEE09200945PML1	9/20/2010	Pentachlorophenol	3000	ug/Kg	U
SEE09191040PML1	9/19/2010	Pentachlorophenol	3000	ug/Kg	U
SEE09191530PML1	9/19/2010	Pentachlorophenol	3000	ug/Kg	U
SEE09181705PML1	9/18/2010	Pentachlorophenol	3000	ug/Kg	U
SEE09170839RCM1	9/17/2010	Pentachlorophenol	3000	ug/Kg	U
SEE09151145PML1	9/15/2010	Pentachlorophenol	3000	ug/Kg	U
SEE09151145PML1	9/15/2010	Pentachlorophenol	3000	ug/Kg	U
SEE09121055PML1	9/12/2010	Pentachlorophenol	3000	ug/Kg	U
SEE09121055PML1	9/12/2010	Pentachlorophenol	3000	ug/Kg	U
SEE09091005RCM1	9/9/2010	Pentachlorophenol	3000	ug/Kg	U
SEE09091515PML1	9/9/2010	Pentachlorophenol	3000	ug/Kg	U
SEE09081010PML1	9/8/2010	Pentachlorophenol	3000	ug/Kg	U
SEE09061105PML1	9/6/2010	Pentachlorophenol	3000	ug/Kg	U
SEE09031140MHS1	9/3/2010	Pentachlorophenol	3000	ug/Kg	U
SEE09031650PML1	9/3/2010	Pentachlorophenol	3000	ug/Kg	U
SEE09031650PML1	9/3/2010	Pentachlorophenol	3000	ug/Kg	U
SEE08311045PML1	8/31/2010	Pentachlorophenol	3000	ug/Kg	U
SEE10181210JDF1	10/18/2010	Pentachlorophenol	2900	ug/Kg	U
SEE10161530JDF1	10/16/2010	Pentachlorophenol	2900	ug/Kg	U
SEE10150945JDF1	10/15/2010	Pentachlorophenol	2900	ug/Kg	U
SEE10141550JDF1	10/14/2010	Pentachlorophenol	2900	ug/Kg	U
SEE10141550JDF1	10/14/2010	Pentachlorophenol	2900	ug/Kg	U
SEE10120930JDF1	10/12/2010	Pentachlorophenol	2900	ug/Kg	U
SEE10121155JDF1	10/12/2010	Pentachlorophenol	2900	ug/Kg	U
SEE10081231PML1	10/8/2010	Pentachlorophenol	2900	ug/Kg	U
SEE10071042RCM1	10/7/2010	Pentachlorophenol	2900	ug/Kg	U
SEE10071101PML1	10/7/2010	Pentachlorophenol	2900	ug/Kg	U
SEE10011120JDF1	10/1/2010	Pentachlorophenol	2900	ug/Kg	U
SEE09260930RCM1	9/26/2010	Pentachlorophenol	2900	ug/Kg	U
SEE09261215JDF1	9/26/2010	Pentachlorophenol	2900	ug/Kg	U

**TABLE B-2b**  
**Upstream Sediment Samples (Morrow Lake)**

Sample ID	Sample Date	Analyte	Result	Unit	Data Qualifier
SEE09230955RCM1	9/23/2010	Pentachlorophenol	2900	ug/Kg	U
SEE09221440JDF1	9/22/2010	Pentachlorophenol	2900	ug/Kg	U
SEE09151015PML1	9/15/2010	Pentachlorophenol	2900	ug/Kg	U
SEE09111015PML1	9/11/2010	Pentachlorophenol	2900	ug/Kg	U
SEE09011050PML1	9/1/2010	Pentachlorophenol	2900	ug/Kg	U
SEE08261420RCM1	8/26/2010	Pentachlorophenol	2900	ug/kg	U
SEE10181430JWP1	10/18/2010	Pentachlorophenol	2800	ug/Kg	U
SEE10161115ARM1	10/16/2010	Pentachlorophenol	2800	ug/Kg	U
SEE10061640PML1	10/6/2010	Pentachlorophenol	2800	ug/Kg	U
SEE10061640PML1	10/6/2010	Pentachlorophenol	2800	ug/Kg	U
SEE10041150JDF1	10/4/2010	Pentachlorophenol	2800	ug/Kg	U
SEE09301205RCM1	9/30/2010	Pentachlorophenol	2800	ug/Kg	U
SEE09211155JDF1	9/21/2010	Pentachlorophenol	2800	ug/Kg	U
SEE09201115RCM1	9/20/2010	Pentachlorophenol	2800	ug/Kg	U
SEE09171445RCM1	9/17/2010	Pentachlorophenol	2800	ug/Kg	U
SEE09161035RCM1	9/16/2010	Pentachlorophenol	2800	ug/Kg	U
SEE09121450PML1	9/12/2010	Pentachlorophenol	2800	ug/Kg	U
SEE09040950PML1	9/4/2010	Pentachlorophenol	2800	ug/Kg	U
SEE08301520JRP1	8/30/2010	Pentachlorophenol	2800	ug/Kg	U
SEE10111125JDF1	10/11/2010	Pentachlorophenol	2700	ug/Kg	U
SEE10031425JDF1	10/3/2010	Pentachlorophenol	2700	ug/Kg	U
SEE09291035JDF1	9/29/2010	Pentachlorophenol	2700	ug/Kg	U
SEE09271130JDF1	9/27/2010	Pentachlorophenol	2700	ug/Kg	U
SEE09250905RCM1	9/25/2010	Pentachlorophenol	2700	ug/Kg	U
SEE09211530JDF1	9/21/2010	Pentachlorophenol	2700	ug/Kg	U
SEE09131125PML1	9/13/2010	Pentachlorophenol	2700	ug/Kg	U
SEE09131620PML1	9/13/2010	Pentachlorophenol	2700	ug/Kg	U
SEE09091145PML1	9/9/2010	Pentachlorophenol	2700	ug/Kg	U
SEE09091605PML1	9/9/2010	Pentachlorophenol	2700	ug/Kg	U
SEE09061130MHS1	9/6/2010	Pentachlorophenol	2700	ug/Kg	U
SEE09041350PML1	9/4/2010	Pentachlorophenol	2700	ug/Kg	U
SEE09011255PML1	9/1/2010	Pentachlorophenol	2700	ug/Kg	U
SEE08261445JRP1	8/26/2010	Pentachlorophenol	2700	ug/Kg	U
SEE09170945PML1	9/17/2010	Pentachlorophenol	2600	ug/Kg	U
SEE09171125PML1	9/17/2010	Pentachlorophenol	2600	ug/Kg	U
SEE09091410PML1	9/9/2010	Pentachlorophenol	2600	ug/Kg	U
SEE09051015PML1	9/5/2010	Pentachlorophenol	2600	ug/Kg	U
SEE08301445JRP1	8/30/2010	Pentachlorophenol	2600	ug/Kg	U
SEE10161055JDF1	10/16/2010	Pentachlorophenol	2500	ug/Kg	U
SEE10161415JDF1	10/16/2010	Pentachlorophenol	2500	ug/Kg	U
SEE10121415ARM1	10/12/2010	Pentachlorophenol	2500	ug/Kg	U
SEE10111011JDF1	10/11/2010	Pentachlorophenol	2500	ug/Kg	U
SEE10071205PML1	10/7/2010	Pentachlorophenol	2500	ug/Kg	U
SEE10071540PML1	10/7/2010	Pentachlorophenol	2500	ug/Kg	U
SEE09211112RCM1	9/21/2010	Pentachlorophenol	2500	ug/Kg	U
SEE09201645ARM1	9/20/2010	Pentachlorophenol	2500	ug/Kg	U
SEE09130940PML1	9/13/2010	Pentachlorophenol	2500	ug/Kg	U
SEE09031115JAW1	9/3/2010	Pentachlorophenol	2500	ug/Kg	U
SEE08301015JRP1	8/30/2010	Pentachlorophenol	2500	ug/Kg	U
SEE08301530JAW1	8/30/2010	Pentachlorophenol	2500	ug/Kg	U
SEE10151055ARM1	10/15/2010	Pentachlorophenol	2400	ug/Kg	U
SEE10111350JDF1	10/11/2010	Pentachlorophenol	2400	ug/Kg	U
SEE09301255MAE1	9/30/2010	Pentachlorophenol	2400	ug/Kg	U
SEE09290925JDF1	9/29/2010	Pentachlorophenol	2400	ug/Kg	U
SEE09271515JDF1	9/27/2010	Pentachlorophenol	2400	ug/Kg	U
SEE09221105JDF1	9/22/2010	Pentachlorophenol	2400	ug/Kg	U
SEE09221615JDF1	9/22/2010	Pentachlorophenol	2400	ug/Kg	U
SEE09171530PML1	9/17/2010	Pentachlorophenol	2400	ug/Kg	U
SEE09091010PML1	9/9/2010	Pentachlorophenol	2400	ug/Kg	U
SEE09091025JRP1	9/9/2010	Pentachlorophenol	2400	ug/Kg	U

**TABLE B-2b**  
**Upstream Sediment Samples (Morrow Lake)**

Sample ID	Sample Date	Analyte	Result	Unit	Data Qualifier
SEE09011145PML1	9/1/2010	Pentachlorophenol	2400	ug/Kg	U
SEE10121030JDF1	10/12/2010	Pentachlorophenol	2300	ug/Kg	U
SEE10040945JDF1	10/4/2010	Pentachlorophenol	2300	ug/Kg	U
SEE10041050JDF1	10/4/2010	Pentachlorophenol	2300	ug/Kg	U
SEE10041335JDF1	10/4/2010	Pentachlorophenol	2300	ug/Kg	U
SEE09271025ARM1	9/27/2010	Pentachlorophenol	2300	ug/Kg	U
SEE09231130ARM1	9/23/2010	Pentachlorophenol	2300	ug/Kg	U
SEE09291645JDF1	9/29/2010	Pentachlorophenol	2200	ug/Kg	U
SEE09130955JRP1	9/13/2010	Pentachlorophenol	2200	ug/Kg	U
SEE09141312RCM1	9/14/2010	Pentachlorophenol	2100	ug/Kg	U
SEE10211035JDF1	10/21/2010	Pentachlorophenol	2000	ug/Kg	UJ
SEE08281607TWH1	8/28/2010	Pentachlorophenol	2000	ug/kg	U
SEE08281630RCM1	8/28/2010	Pentachlorophenol	2000	ug/kg	U
SEE10151355ARM1	10/15/2010	Pentachlorophenol	1900	ug/Kg	U
SEE10071415ARM1	10/7/2010	Pentachlorophenol	1900	ug/Kg	U
SEE10041355ARM1	10/4/2010	Pentachlorophenol	1900	ug/Kg	U
SEE09291135JDF1	9/29/2010	Pentachlorophenol	1900	ug/Kg	U
SEE09090900JRP1	9/9/2010	Pentachlorophenol	1900	ug/Kg	U
SEE08311010JRP1	8/31/2010	Pentachlorophenol	1900	ug/Kg	U
SEE08311348MHS1	8/31/2010	Pentachlorophenol	1900	ug/Kg	U
SEE10211430JDF1	10/21/2010	Pentachlorophenol	1800	ug/Kg	U
SEE10191005JDF1	10/19/2010	Pentachlorophenol	1800	ug/Kg	UJ
SEE10170915JDF1	10/17/2010	Pentachlorophenol	1800	ug/Kg	U
SEE08281505PML1	8/28/2010	Pentachlorophenol	1800	ug/kg	U
SEE08271215PML1	8/27/2010	Pentachlorophenol	1800	ug/kg	U
SEE10221110JDF1	10/22/2010	Pentachlorophenol	1700	ug/Kg	U
SEE10221110JDF1	10/22/2010	Pentachlorophenol	1700	ug/Kg	U
SEE10191515JDF1	10/19/2010	Pentachlorophenol	1700	ug/Kg	UJ
SEE10071151RCM1	10/7/2010	Pentachlorophenol	1700	ug/Kg	U
SEE08300920JRP1	8/30/2010	Pentachlorophenol	1700	ug/Kg	U
SEE08271614TWH1	8/27/2010	Pentachlorophenol	1700	ug/kg	U
SEE10211010JWP1	10/21/2010	Pentachlorophenol	1600	ug/Kg	U
SEE10191155JDF1	10/19/2010	Pentachlorophenol	1600	ug/Kg	UJ
SEE10191415JDF1	10/19/2010	Pentachlorophenol	1600	ug/Kg	UJ
SEE08271500PML1	8/27/2010	Pentachlorophenol	1600	ug/kg	U
SEE10221055DWS1	10/22/2010	Pentachlorophenol	1500	ug/Kg	U
SEE10191100JDF1	10/19/2010	Pentachlorophenol	1500	ug/Kg	UJ
SEE10141025ARM1	10/14/2010	Pentachlorophenol	1500	ug/Kg	U
SEE09051500MHS1	9/5/2010	Pentachlorophenol	1500	ug/Kg	U
SEE10191010JWP1	10/19/2010	Pentachlorophenol	1400	ug/Kg	UJ
SEE08291110PML1	8/29/2010	Pentachlorophenol	1400	ug/kg	U
SEE08281215PML1	8/28/2010	Pentachlorophenol	1400	ug/kg	U
SEE08281420TWH1	8/28/2010	Pentachlorophenol	1400	ug/kg	U
SEE10091200ARM1	10/9/2010	Pentachlorophenol	1300	ug/Kg	U
SEE09130915JRP1	9/13/2010	Pentachlorophenol	1300	ug/Kg	U
SEE08281510TWH1	8/28/2010	Pentachlorophenol	1300	ug/kg	U
SEE09061610JAW1	9/6/2010	Pentachlorophenol	1200	ug/Kg	U
SEE08291421KAP1	8/29/2010	Pentachlorophenol	1200	ug/kg	U
SEE08271652TWH1	8/27/2010	Pentachlorophenol	1200	ug/kg	U
SEE10171535ARM1	10/17/2010	Pentachlorophenol	1100	ug/Kg	U
SEE10051415ARM1	10/5/2010	Pentachlorophenol	1100	ug/Kg	U
SEE08261700JRP1	8/26/2010	Pentachlorophenol	1100	ug/Kg	U
SEE10011125ARM1	10/1/2010	Pentachlorophenol	1000	ug/Kg	U
SEE09100945RCM1	9/10/2010	Pentachlorophenol	1000	ug/Kg	U
SEE08301410JRP1	8/30/2010	Pentachlorophenol	1000	ug/Kg	U
SEE08291550KAP1	8/29/2010	Pentachlorophenol	1000	ug/kg	U
SEE09211120ARM1	9/21/2010	Pentachlorophenol	990	ug/Kg	U
SEE09201110ARM1	9/20/2010	Pentachlorophenol	990	ug/Kg	U
SEE09171200ARM1	9/17/2010	Pentachlorophenol	950	ug/Kg	U
SEE10081035ARM1	10/8/2010	Pentachlorophenol	940	ug/Kg	U

**TABLE B-2b**  
**Upstream Sediment Samples (Morrow Lake)**

Sample ID	Sample Date	Analyte	Result	Unit	Data Qualifier
SEE09140945JRP1	9/14/2010	Pentachlorophenol	940	ug/Kg	U
SEF10011045TDF1	10/1/2010	Pentachlorophenol	930	ug/Kg	U
SEE09290915MAE1	9/29/2010	Pentachlorophenol	930	ug/Kg	U
SEE09200911RCM1	9/20/2010	Pentachlorophenol	930	ug/Kg	U
SEE09271500ARM1	9/27/2010	Pentachlorophenol	910	ug/Kg	U
SEE09231205RCM1	9/23/2010	Pentachlorophenol	910	ug/Kg	U
SEE09251235ARM1	9/25/2010	Pentachlorophenol	900	ug/Kg	U
SEE09150915JRP1	9/15/2010	Pentachlorophenol	900	ug/Kg	U
SEE09281445RCM1	9/28/2010	Pentachlorophenol	890	ug/Kg	U
SEE09070930JRP1	9/7/2010	Pentachlorophenol	890	ug/Kg	U
SEE08301100JRP1	8/30/2010	Pentachlorophenol	890	ug/Kg	U
SEF10081108TDF3	10/8/2010	Pentachlorophenol	880	ug/Kg	U
SEE10071045ARM1	10/7/2010	Pentachlorophenol	880	ug/Kg	U
SEE10041045ARM1	10/4/2010	Pentachlorophenol	880	ug/Kg	U
SEE10011043RCM1	10/1/2010	Pentachlorophenol	870	ug/Kg	U
SEE09231035ARM1	9/23/2010	Pentachlorophenol	870	ug/Kg	U
SEE09170935RCM1	9/17/2010	Pentachlorophenol	870	ug/Kg	U
SEF10051206TDF3	10/5/2010	Pentachlorophenol	860	ug/Kg	U
SEB09011143JLS1	9/1/2010	Pentachlorophenol	860	ug/Kg	U
SEF10151030PMB3	10/15/2010	Pentachlorophenol	850	ug/Kg	U
SEF10121130PMB3	10/12/2010	Pentachlorophenol	850	ug/Kg	U
SEE09100920JRP1	9/10/2010	Pentachlorophenol	850	ug/Kg	U
SEE09051500JAW1	9/5/2010	Pentachlorophenol	850	ug/Kg	U
SEE10061135ARM1	10/6/2010	Pentachlorophenol	830	ug/Kg	U
SEE10131035ARM1	10/13/2010	Pentachlorophenol	820	ug/Kg	U
SEE09221045ARM1	9/22/2010	Pentachlorophenol	820	ug/Kg	U
SEE09080930JRP1	9/8/2010	Pentachlorophenol	820	ug/Kg	U
SEE09011515JAW1	9/1/2010	Pentachlorophenol	820	ug/Kg	U
SEE10051145RCM1	10/5/2010	Pentachlorophenol	810	ug/Kg	U
SEE09301025MAE1	9/30/2010	Pentachlorophenol	810	ug/Kg	U
SEE08291354KAP1	8/29/2010	Pentachlorophenol	810	ug/kg	U
SEE10221450DWS1	10/22/2010	Pentachlorophenol	800	ug/Kg	U
SEE10121040ARM1	10/12/2010	Pentachlorophenol	790	ug/Kg	U
SEF09281139TDF1	9/28/2010	Pentachlorophenol	780	ug/Kg	U
SEE10181030JWP1	10/18/2010	Pentachlorophenol	750	ug/Kg	U
SEE10211345JWP1	10/21/2010	Pentachlorophenol	680	ug/Kg	U
SEE08291445PML1	8/29/2010	Pentachlorophenol	660	ug/kg	U
SEE08271445JRP1	8/27/2010	Pentachlorophenol	550	ug/kg	U
SEE08271536TWH1	8/27/2010	Pentachlorophenol	540	ug/kg	U
SEB08281400JLS1	8/28/2010	Pentachlorophenol	510	ug/kg	U
SEF10221050MAE3	10/22/2010	Pentachlorophenol	500	ug/Kg	U
SEE08281540JRP1	8/28/2010	Pentachlorophenol	500	ug/kg	U
SEF10191135NAC3	10/19/2010	Pentachlorophenol	490	ug/Kg	UJ
SEE10191115JWP1	10/19/2010	Pentachlorophenol	430	ug/Kg	UJ
ML-07-S-081810	8/18/2010	Pentachlorophenol	3.7	mg/Kg	UJ
ML-06-S-082310	8/23/2010	Pentachlorophenol	3.3	mg/Kg	U
ML-04-S-081710	8/17/2010	Pentachlorophenol	3.2	mg/Kg	U
ML-04-S-082610	8/26/2010	Pentachlorophenol	3.1	mg/Kg	U
ML-03-S-082310	8/23/2010	Pentachlorophenol	3.1	mg/Kg	U
ML-10-S-081910	8/19/2010	Pentachlorophenol	3.1	mg/Kg	U
ML-10-S-081910	8/19/2010	Pentachlorophenol	3.1	mg/Kg	U
ML-09-S-081810	8/18/2010	Pentachlorophenol	3.1	mg/Kg	UJ
ML-06-S-081710	8/17/2010	Pentachlorophenol	3.1	mg/Kg	U
ML-10-S-082610	8/26/2010	Pentachlorophenol	3.0	mg/Kg	U
ML-10-S-082610	8/26/2010	Pentachlorophenol	3.0	mg/Kg	U
ML-05-S-082310	8/23/2010	Pentachlorophenol	2.8	mg/Kg	U
ML-05-S-081710	8/17/2010	Pentachlorophenol	2.6	mg/Kg	U
ML-02-S-082310	8/23/2010	Pentachlorophenol	2.5	mg/Kg	U
ML-02-S-081710	8/17/2010	Pentachlorophenol	2.4	mg/Kg	U
ML-06-S-082510	8/25/2010	Pentachlorophenol	1.8	mg/Kg	U

**TABLE B-2b**  
**Upstream Sediment Samples (Morrow Lake)**

Sample ID	Sample Date	Analyte	Result	Unit	Data Qualifier
ML-07-S-082410	8/24/2010	Pentachlorophenol	1.8	mg/Kg	UJ
ML-07-S-082110	8/21/2010	Pentachlorophenol	1.8	mg/Kg	U
ML-05-S-082610	8/26/2010	Pentachlorophenol	1.7	mg/Kg	U
ML-07-S-082510	8/25/2010	Pentachlorophenol	1.7	mg/Kg	U
ML-08-S-082110	8/21/2010	Pentachlorophenol	1.7	mg/Kg	U
ML-07-S-081610	8/16/2010	Pentachlorophenol	1.7	mg/Kg	U
ML-08-S-081610	8/16/2010	Pentachlorophenol	1.7	mg/Kg	U
ML-08-S-082510	8/25/2010	Pentachlorophenol	1.6	mg/Kg	U
ML-08-S-082410	8/24/2010	Pentachlorophenol	1.6	mg/Kg	UJ
ML-06-S-082010	8/20/2010	Pentachlorophenol	1.6	mg/Kg	U
ML-01-S-081610	8/16/2010	Pentachlorophenol	1.6	mg/Kg	U
ML-01-S-082510	8/25/2010	Pentachlorophenol	1.5	mg/Kg	U
ML-09-S-082510	8/25/2010	Pentachlorophenol	1.5	mg/Kg	U
ML-04-S-082410	8/24/2010	Pentachlorophenol	1.5	mg/Kg	UJ
ML-10-S-082410	8/24/2010	Pentachlorophenol	1.5	mg/Kg	UJ
ML-10-S-082410	8/24/2010	Pentachlorophenol	1.5	mg/Kg	UJ
ML-09-S-082110	8/21/2010	Pentachlorophenol	1.5	mg/Kg	U
ML-10-S-082110	8/21/2010	Pentachlorophenol	1.5	mg/Kg	U
ML-10-S-082110	8/21/2010	Pentachlorophenol	1.5	mg/Kg	U
ML-05-S-082010	8/20/2010	Pentachlorophenol	1.5	mg/Kg	U
ML-10-S-081610	8/16/2010	Pentachlorophenol	1.5	mg/Kg	U
ML-10-S-081610	8/16/2010	Pentachlorophenol	1.5	mg/Kg	U
ML-02-S-082510	8/25/2010	Pentachlorophenol	1.4	mg/Kg	U
ML-09-S-082410	8/24/2010	Pentachlorophenol	1.4	mg/Kg	UJ
ML-01-S-082110	8/21/2010	Pentachlorophenol	1.4	mg/Kg	U
ML-03-S-082510	8/25/2010	Pentachlorophenol	1.3	mg/Kg	U
ML-02-S-082010	8/20/2010	Pentachlorophenol	1.3	mg/Kg	U
ML-03-S-082010	8/20/2010	Pentachlorophenol	1.3	mg/Kg	U
ML-04-S-082010	8/20/2010	Pentachlorophenol	1.3	mg/Kg	U
ML-03-S-081610	8/16/2010	Pentachlorophenol	1.2	mg/Kg	U
ML-01-S-081910	8/19/2010	Pentachlorophenol	0.30	mg/Kg	J
SEE10071540PML1	10/7/2010	Phenanthrene	1300	ug/Kg	
SEE09221615JDF1	9/22/2010	Phenanthrene	1200	ug/Kg	
SEE10111350JDF1	10/11/2010	Phenanthrene	1100	ug/Kg	
SEE10041150JDF1	10/4/2010	Phenanthrene	1100	ug/Kg	J
SEE09051430PML1	9/5/2010	Phenanthrene	1100	ug/Kg	
SEE10170915JDF1	10/17/2010	Phenanthrene	1000	ug/Kg	
SEE10121030JDF1	10/12/2010	Phenanthrene	1000	ug/Kg	
SEE10041335JDF1	10/4/2010	Phenanthrene	1000	ug/Kg	J
SEE10171535ARM1	10/17/2010	Phenanthrene	950	ug/Kg	
SEE10031425JDF1	10/3/2010	Phenanthrene	950	ug/Kg	
SEE10071205PML1	10/7/2010	Phenanthrene	920	ug/Kg	
SEE10040945JDF1	10/4/2010	Phenanthrene	920	ug/Kg	J
SEE09011255PML1	9/1/2010	Phenanthrene	920	ug/Kg	
SEE09271515JDF1	9/27/2010	Phenanthrene	910	ug/Kg	
SEE09221105JDF1	9/22/2010	Phenanthrene	910	ug/Kg	
SEE09031115JAW1	9/3/2010	Phenanthrene	890	ug/Kg	
SEE10041050JDF1	10/4/2010	Phenanthrene	880	ug/Kg	J
SEE10061205PML1	10/6/2010	Phenanthrene	840	ug/Kg	
SEE09290925JDF1	9/29/2010	Phenanthrene	840	ug/Kg	
SEE09051015PML1	9/5/2010	Phenanthrene	840	ug/Kg	
SEE09131620PML1	9/13/2010	Phenanthrene	830	ug/Kg	J
SEE09011635PML1	9/1/2010	Phenanthrene	830	ug/Kg	
SEE09271025ARM1	9/27/2010	Phenanthrene	820	ug/Kg	
SEE09301255MAE1	9/30/2010	Phenanthrene	810	ug/Kg	
SEE09091605PML1	9/9/2010	Phenanthrene	800	ug/Kg	
SEE09271130JDF1	9/27/2010	Phenanthrene	740	ug/Kg	
SEE10111011JDF1	10/11/2010	Phenanthrene	730	ug/Kg	
SEE10120930JDF1	10/12/2010	Phenanthrene	710	ug/Kg	
SEE10111125JDF1	10/11/2010	Phenanthrene	710	ug/Kg	

**TABLE B-2b**  
**Upstream Sediment Samples (Morrow Lake)**

Sample ID	Sample Date	Analyte	Result	Unit	Data Qualifier
SEE10081231PML1	10/8/2010	Phenanthrene	700	ug/Kg	
SEE10071101PML1	10/7/2010	Phenanthrene	700	ug/Kg	
SEE09291035JDF1	9/29/2010	Phenanthrene	700	ug/Kg	
SEE09171530PML1	9/17/2010	Phenanthrene	680	ug/Kg	
SEE10041355ARM1	10/4/2010	Phenanthrene	670	ug/Kg	J
SEE09011545PML1	9/1/2010	Phenanthrene	660	ug/Kg	
SEE09221440JDF1	9/22/2010	Phenanthrene	650	ug/Kg	
SEE09171125PML1	9/17/2010	Phenanthrene	650	ug/Kg	
SEE09051130PML1	9/5/2010	Phenanthrene	640	ug/Kg	
SEE09130955JRP1	9/13/2010	Phenanthrene	630	ug/Kg	
SEE09091515PML1	9/9/2010	Phenanthrene	610	ug/Kg	
SEE09061610JAW1	9/6/2010	Phenanthrene	610	ug/Kg	
SEE09041350PML1	9/4/2010	Phenanthrene	610	ug/Kg	
SEE09131125PML1	9/13/2010	Phenanthrene	600	ug/Kg	
SEE091711415PML1	9/17/2010	Phenanthrene	590	ug/Kg	
SEE09161045PML1	9/16/2010	Phenanthrene	590	ug/Kg	
SEE09130915JRP1	9/13/2010	Phenanthrene	590	ug/Kg	
SEE09291135JDF1	9/29/2010	Phenanthrene	580	ug/Kg	
SEE09011145PML1	9/1/2010	Phenanthrene	580	ug/Kg	
SEE08301530JAW1	8/30/2010	Phenanthrene	580	ug/Kg	
SEE09121450PML1	9/12/2010	Phenanthrene	570	ug/Kg	J
SEE09011050PML1	9/1/2010	Phenanthrene	560	ug/Kg	
SEE10161055JDF1	10/16/2010	Phenanthrene	530	ug/Kg	
SEE10161530JDF1	10/16/2010	Phenanthrene	530	ug/Kg	
SEE09091025JRP1	9/9/2010	Phenanthrene	530	ug/Kg	
SEE09211530JDF1	9/21/2010	Phenanthrene	520	ug/Kg	
SEE09201645ARM1	9/20/2010	Phenanthrene	520	ug/Kg	
SEE09131505PML1	9/13/2010	Phenanthrene	520	ug/Kg	
SEE09091145PML1	9/9/2010	Phenanthrene	520	ug/Kg	
SEE10091200ARM1	10/9/2010	Phenanthrene	500	ug/Kg	J
SEE09231130ARM1	9/23/2010	Phenanthrene	500	ug/Kg	
SEE09130940PML1	9/13/2010	Phenanthrene	500	ug/Kg	
SEE10121415ARM1	10/12/2010	Phenanthrene	490	ug/Kg	
SEE10071415ARM1	10/7/2010	Phenanthrene	480	ug/Kg	
SEE09211155JDF1	9/21/2010	Phenanthrene	470	ug/Kg	
SEE09091410PML1	9/9/2010	Phenanthrene	470	ug/Kg	
SEE09170945PML1	9/17/2010	Phenanthrene	430	ug/Kg	
SEE10151355ARM1	10/15/2010	Phenanthrene	420	ug/Kg	
SEE09040950PML1	9/4/2010	Phenanthrene	420	ug/Kg	
SEE09301105JDF1	9/30/2010	Phenanthrene	410	ug/Kg	
SEE09091010PML1	9/9/2010	Phenanthrene	410	ug/Kg	
SEE09011545MHS1	9/1/2010	Phenanthrene	410	ug/Kg	
SEE08301015JRP1	8/30/2010	Phenanthrene	410	ug/Kg	
SEE10061051RCM1	10/6/2010	Phenanthrene	400	ug/Kg	
SEE10131150JDF1	10/13/2010	Phenanthrene	390	ug/Kg	
SEE09081020RCM1	9/8/2010	Phenanthrene	390	ug/Kg	
SEE08271500PML1	8/27/2010	Phenanthrene	390	ug/kg	J
SEE09301255JDF1	9/30/2010	Phenanthrene	360	ug/Kg	
SEE10171410JDF1	10/17/2010	Phenanthrene	350	ug/Kg	
SEE10161415JDF1	10/16/2010	Phenanthrene	350	ug/Kg	
SEE10051125PML1	10/5/2010	Phenanthrene	340	ug/Kg	
SEE10161115ARM1	10/16/2010	Phenanthrene	330	ug/Kg	
SEE09090900JRP1	9/9/2010	Phenanthrene	330	ug/Kg	
SEE09061500PML1	9/6/2010	Phenanthrene	330	ug/Kg	
SEE10181035JDF1	10/18/2010	Phenanthrene	320	ug/Kg	
SEE10151055ARM1	10/15/2010	Phenanthrene	320	ug/Kg	
SEE10081115PML1	10/8/2010	Phenanthrene	320	ug/Kg	
SEE09260930RCM1	9/26/2010	Phenanthrene	320	ug/Kg	
SEE09251135JDF1	9/25/2010	Phenanthrene	320	ug/Kg	
SEE09191445RCM1	9/19/2010	Phenanthrene	320	ug/Kg	

**TABLE B-2b**  
**Upstream Sediment Samples (Morrow Lake)**

Sample ID	Sample Date	Analyte	Result	Unit	Data Qualifier
SEE09021400PML1	9/2/2010	Phenanthrene	320	ug/Kg	
SEE10141550JDF1	10/14/2010	Phenanthrene	310	ug/Kg	
SEE10141550JDF1	10/14/2010	Phenanthrene	310	ug/Kg	
SEE10091401PML1	10/9/2010	Phenanthrene	310	ug/Kg	J
SEE10081051RCM1	10/8/2010	Phenanthrene	310	ug/Kg	
SEE10051653PML1	10/5/2010	Phenanthrene	310	ug/Kg	
SEE09051550MHS1	9/5/2010	Phenanthrene	310	ug/Kg	
SEE10101215PML1	10/10/2010	Phenanthrene	300	ug/Kg	
SEE10101215PML1	10/10/2010	Phenanthrene	300	ug/Kg	
SEE08301130PML1	8/30/2010	Phenanthrene	300	ug/Kg	
SEE10171115JDF1	10/17/2010	Phenanthrene	290	ug/Kg	
SEE10031115JDF1	10/3/2010	Phenanthrene	290	ug/Kg	
SEE10031115JDF1	10/3/2010	Phenanthrene	290	ug/Kg	
SEE09121436RCM1	9/12/2010	Phenanthrene	290	ug/Kg	J
SEE09061525MHS1	9/6/2010	Phenanthrene	290	ug/Kg	
SEE09030925PML1	9/3/2010	Phenanthrene	290	ug/Kg	
SEE08301520JRP1	8/30/2010	Phenanthrene	290	ug/Kg	
SEE09121055PML1	9/12/2010	Phenanthrene	280	ug/Kg	J
SEE09121055PML1	9/12/2010	Phenanthrene	280	ug/Kg	J
SEE09021010PML1	9/2/2010	Phenanthrene	280	ug/Kg	
SEE08301145MHS1	8/30/2010	Phenanthrene	280	ug/Kg	
SEE08301445JRP1	8/30/2010	Phenanthrene	280	ug/Kg	
SEE08301638MHS1	8/30/2010	Phenanthrene	280	ug/Kg	
SEE10141015JDF1	10/14/2010	Phenanthrene	270	ug/Kg	
SEE10041530JDF1	10/4/2010	Phenanthrene	270	ug/Kg	J
SEE09261625JDF1	9/26/2010	Phenanthrene	270	ug/Kg	
SEE09261625JDF1	9/26/2010	Phenanthrene	270	ug/Kg	
SEE09031645MHS1	9/3/2010	Phenanthrene	270	ug/Kg	
SEE10141150JDF1	10/14/2010	Phenanthrene	260	ug/Kg	
SEE10051415ARM1	10/5/2010	Phenanthrene	260	ug/Kg	
SEE08281505PML1	8/28/2010	Phenanthrene	260	ug/kg	J
SEE09181235PML1	9/18/2010	Phenanthrene	250	ug/Kg	
SEE08300920JRP1	8/30/2010	Phenanthrene	250	ug/Kg	
SEE10181210JDF1	10/18/2010	Phenanthrene	240	ug/Kg	
SEE10121155JDF1	10/12/2010	Phenanthrene	240	ug/Kg	
SEE10091614PML1	10/9/2010	Phenanthrene	240	ug/Kg	J
SEE10011120JDF1	10/1/2010	Phenanthrene	240	ug/Kg	
SEE09291023RCM1	9/29/2010	Phenanthrene	240	ug/Kg	
SEE09220935RCM1	9/22/2010	Phenanthrene	240	ug/Kg	
SEE09151145PML1	9/15/2010	Phenanthrene	240	ug/Kg	
SEE09151145PML1	9/15/2010	Phenanthrene	240	ug/Kg	
SEE09140945PML1	9/14/2010	Phenanthrene	240	ug/Kg	
SEE09141135PML1	9/14/2010	Phenanthrene	240	ug/Kg	
SEE08271215PML1	8/27/2010	Phenanthrene	240	ug/kg	J
SEE10191115JWP1	10/19/2010	Phenanthrene	230	ug/Kg	
SEE10150945JDF1	10/15/2010	Phenanthrene	230	ug/Kg	
SEE09261215JDF1	9/26/2010	Phenanthrene	230	ug/Kg	
SEE09181705PML1	9/18/2010	Phenanthrene	230	ug/Kg	
SEE09141515PML1	9/14/2010	Phenanthrene	230	ug/Kg	
SEE09121105RCM1	9/12/2010	Phenanthrene	230	ug/Kg	J
SEE08291550KAP1	8/29/2010	Phenanthrene	230	ug/kg	J
SEE10141555ARM1	10/14/2010	Phenanthrene	220	ug/Kg	
SEE09061130MHS1	9/6/2010	Phenanthrene	220	ug/Kg	
SEE08311420PML1	8/31/2010	Phenanthrene	220	ug/Kg	
SEE08311420PML1	8/31/2010	Phenanthrene	220	ug/Kg	
SEE10181510JDF1	10/18/2010	Phenanthrene	210	ug/Kg	
SEE10181510JDF1	10/18/2010	Phenanthrene	210	ug/Kg	
SEE10071042RCM1	10/7/2010	Phenanthrene	210	ug/Kg	
SEE10041138RCM1	10/4/2010	Phenanthrene	210	ug/Kg	J
SEE09170839RCM1	9/17/2010	Phenanthrene	210	ug/Kg	



**TABLE B-2b**  
**Upstream Sediment Samples (Morrow Lake)**

Sample ID	Sample Date	Analyte	Result	Unit	Data Qualifier
SEE09061105PML1	9/6/2010	Phenanthrene	210	ug/Kg	
SEE10191515JDF1	10/19/2010	Phenanthrene	200	ug/Kg	
SEE09291645JDF1	9/29/2010	Phenanthrene	200	ug/Kg	
SEE09250905RCM1	9/25/2010	Phenanthrene	200	ug/Kg	
SEE09191530PML1	9/19/2010	Phenanthrene	200	ug/Kg	
SEE09131026RCM1	9/13/2010	Phenanthrene	200	ug/Kg	
SEE09111015PML1	9/11/2010	Phenanthrene	200	ug/Kg	J
SEE09081010PML1	9/8/2010	Phenanthrene	200	ug/Kg	
SEE09071050PML1	9/7/2010	Phenanthrene	200	ug/Kg	
SEE09031650PML1	9/3/2010	Phenanthrene	200	ug/Kg	
SEE09031650PML1	9/3/2010	Phenanthrene	200	ug/Kg	
SEE08311045PML1	8/31/2010	Phenanthrene	200	ug/Kg	
SEE08301550PML1	8/30/2010	Phenanthrene	200	ug/Kg	
SEE08281215PML1	8/28/2010	Phenanthrene	200	ug/kg	J
SEE10191100JDF1	10/19/2010	Phenanthrene	190	ug/Kg	
SEF10011045TDF1	10/1/2010	Phenanthrene	190	ug/Kg	
SEE09161035RCM1	9/16/2010	Phenanthrene	190	ug/Kg	
SEE09081205PML1	9/8/2010	Phenanthrene	190	ug/Kg	
SEE09031140MHS1	9/3/2010	Phenanthrene	190	ug/Kg	
SEE10211035JDF1	10/21/2010	Phenanthrene	180	ug/Kg	UJ
SEE10181430JWP1	10/18/2010	Phenanthrene	180	ug/Kg	
SEE10101010PML1	10/10/2010	Phenanthrene	180	ug/Kg	
SEE09191040PML1	9/19/2010	Phenanthrene	180	ug/Kg	
SEE09131445RCM1	9/13/2010	Phenanthrene	180	ug/Kg	
SEE10221110JDF1	10/22/2010	Phenanthrene	160	ug/Kg	U
SEE10221110JDF1	10/22/2010	Phenanthrene	160	ug/Kg	U
SEE10211430JDF1	10/21/2010	Phenanthrene	160	ug/Kg	U
SEE10191005JDF1	10/19/2010	Phenanthrene	160	ug/Kg	U
SEE09201115RCM1	9/20/2010	Phenanthrene	160	ug/Kg	
SEE09101215PML1	9/10/2010	Phenanthrene	160	ug/Kg	J
SEE09101625PML1	9/10/2010	Phenanthrene	160	ug/Kg	J
SEE09031100PML1	9/3/2010	Phenanthrene	160	ug/Kg	
SEE10191155JDF1	10/19/2010	Phenanthrene	150	ug/Kg	U
SEE10191415JDF1	10/19/2010	Phenanthrene	150	ug/Kg	U
SEE09200945PML1	9/20/2010	Phenanthrene	150	ug/Kg	
SEE09200945PML1	9/20/2010	Phenanthrene	150	ug/Kg	
SEE08311010JRP1	8/31/2010	Phenanthrene	150	ug/Kg	
SEE08291354KAP1	8/29/2010	Phenanthrene	150	ug/kg	J
SEE08281630RCM1	8/28/2010	Phenanthrene	150	ug/kg	J
SEE10211010JWP1	10/21/2010	Phenanthrene	140	ug/Kg	U
SEE10061640PML1	10/6/2010	Phenanthrene	140	ug/Kg	
SEE10061640PML1	10/6/2010	Phenanthrene	140	ug/Kg	
SEE09231645JDF1	9/23/2010	Phenanthrene	140	ug/Kg	J
SEE09211112RCM1	9/21/2010	Phenanthrene	140	ug/Kg	
SEE09101022PML1	9/10/2010	Phenanthrene	140	ug/Kg	J
SEE09091410RCM1	9/9/2010	Phenanthrene	140	ug/Kg	J
SEE10221055DWS1	10/22/2010	Phenanthrene	130	ug/Kg	U
SEE10191010JWP1	10/19/2010	Phenanthrene	130	ug/Kg	U
SEE09290915MAE1	9/29/2010	Phenanthrene	130	ug/Kg	
SEE09091005RCM1	9/9/2010	Phenanthrene	130	ug/Kg	J
SEE08281607TWH1	8/28/2010	Phenanthrene	130	ug/kg	J
SEE08261445JRP1	8/26/2010	Phenanthrene	130	ug/Kg	
SEE09171445RCM1	9/17/2010	Phenanthrene	120	ug/Kg	J
SEE08261420RCM1	8/26/2010	Phenanthrene	120	ug/kg	J
SEE09151015PML1	9/15/2010	Phenanthrene	110	ug/Kg	J
SEE09141312RCM1	9/14/2010	Phenanthrene	110	ug/Kg	
SEE08291421KAP1	8/29/2010	Phenanthrene	110	ug/kg	J
SEE08271614TWH1	8/27/2010	Phenanthrene	110	ug/kg	J
SEE08271652TWH1	8/27/2010	Phenanthrene	110	ug/kg	J
SEE10011125ARM1	10/1/2010	Phenanthrene	100	ug/Kg	

**TABLE B-2b**  
**Upstream Sediment Samples (Morrow Lake)**

Sample ID	Sample Date	Analyte	Result	Unit	Data Qualifier
SEE09201110ARM1	9/20/2010	Phenanthrene	99	ug/Kg	
SEE08291445PML1	8/29/2010	Phenanthrene	98	ug/kg	J
SEE08281510TWH1	8/28/2010	Phenanthrene	98	ug/kg	J
SEE09231210JDF1	9/23/2010	Phenanthrene	95	ug/Kg	J
SEE08261700JRP1	8/26/2010	Phenanthrene	89	ug/Kg	
SEE08281420TWH1	8/28/2010	Phenanthrene	87	ug/kg	J
SEE09301205RCM1	9/30/2010	Phenanthrene	86	ug/Kg	J
SEE08311348MHS1	8/31/2010	Phenanthrene	84	ug/Kg	J
SEE08271145RCM1	8/27/2010	Phenanthrene	83	ug/kg	J
SEE09230955RCM1	9/23/2010	Phenanthrene	80	ug/Kg	J
SEE10061135ARM1	10/6/2010	Phenanthrene	79	ug/Kg	
SEE10071151RCM1	10/7/2010	Phenanthrene	78	ug/Kg	J
SEE09150915JRP1	9/15/2010	Phenanthrene	75	ug/Kg	
SEE10221450DWS1	10/22/2010	Phenanthrene	73	ug/Kg	U
SEE09271500ARM1	9/27/2010	Phenanthrene	68	ug/Kg	
SEE10071045ARM1	10/7/2010	Phenanthrene	67	ug/Kg	
SEE10121040ARM1	10/12/2010	Phenanthrene	66	ug/Kg	
SEE08261620RCM1	8/26/2010	Phenanthrene	66	ug/kg	J
SEE10211345JWP1	10/21/2010	Phenanthrene	62	ug/Kg	U
SEE09211120ARM1	9/21/2010	Phenanthrene	60	ug/Kg	
SEE09140945JRP1	9/14/2010	Phenanthrene	54	ug/Kg	
SEE09171200ARM1	9/17/2010	Phenanthrene	52	ug/Kg	
SEE09100945RCM1	9/10/2010	Phenanthrene	52	ug/Kg	UJ
SEE09301025MAE1	9/30/2010	Phenanthrene	48	ug/Kg	
SEE10141025ARM1	10/14/2010	Phenanthrene	47	ug/Kg	J
SEF10221050MAE3	10/22/2010	Phenanthrene	46	ug/Kg	U
SEE09200911RCM1	9/20/2010	Phenanthrene	46	ug/Kg	U
SEF10191135NAC3	10/19/2010	Phenanthrene	44	ug/Kg	U
SEE09281445RCM1	9/28/2010	Phenanthrene	44	ug/Kg	U
SEE08301100JRP1	8/30/2010	Phenanthrene	44	ug/Kg	U
SEF10081108TDF3	10/8/2010	Phenanthrene	43	ug/Kg	U
SEE10011043RCM1	10/1/2010	Phenanthrene	43	ug/Kg	U
SEE09170935RCM1	9/17/2010	Phenanthrene	43	ug/Kg	U
SEF10151030PMB3	10/15/2010	Phenanthrene	42	ug/Kg	U
SEF10121130PMB3	10/12/2010	Phenanthrene	42	ug/Kg	U
SEB09011143JLS1	9/1/2010	Phenanthrene	42	ug/Kg	U
SEE08271445JRP1	8/27/2010	Phenanthrene	41	ug/kg	J
SEE10131035ARM1	10/13/2010	Phenanthrene	40	ug/Kg	U
SEE10051145RCM1	10/5/2010	Phenanthrene	40	ug/Kg	U
SEE09231035ARM1	9/23/2010	Phenanthrene	40	ug/Kg	J
SEE09221045ARM1	9/22/2010	Phenanthrene	40	ug/Kg	U
SEE09080930JRP1	9/8/2010	Phenanthrene	40	ug/Kg	U
SEE09011515JAW1	9/1/2010	Phenanthrene	40	ug/Kg	U
SEF09281139TDF1	9/28/2010	Phenanthrene	39	ug/Kg	U
SEE09100920JRP1	9/10/2010	Phenanthrene	38	ug/Kg	J
SEE09051500MHS1	9/5/2010	Phenanthrene	38	ug/Kg	J
SEE10181030JWP1	10/18/2010	Phenanthrene	37	ug/Kg	U
SEE08291110PML1	8/29/2010	Phenanthrene	34	ug/kg	J
SEE09070930JRP1	9/7/2010	Phenanthrene	28	ug/Kg	J
SEE08281540JRP1	8/28/2010	Phenanthrene	28	ug/kg	J
SEF10051206TDF3	10/5/2010	Phenanthrene	23	ug/Kg	J
SEE10041045ARM1	10/4/2010	Phenanthrene	21	ug/Kg	J
SEE09231205RCM1	9/23/2010	Phenanthrene	21	ug/Kg	J
SEE08271536TWH1	8/27/2010	Phenanthrene	19	ug/kg	J
SEE10081035ARM1	10/8/2010	Phenanthrene	17	ug/Kg	J
SEE09051500JAW1	9/5/2010	Phenanthrene	17	ug/Kg	J
SEE08301410JRP1	8/30/2010	Phenanthrene	17	ug/Kg	J
SEE09251235ARM1	9/25/2010	Phenanthrene	14	ug/Kg	J
SEB08281400JLS1	8/28/2010	Phenanthrene	14	ug/kg	J
ML-03-S-082510	8/25/2010	Phenanthrene	0.84	mg/Kg	

**TABLE B-2b**  
**Upstream Sediment Samples (Morrow Lake)**

Sample ID	Sample Date	Analyte	Result	Unit	Data Qualifier
ML-04-S-082010	8/20/2010	Phenanthrene	0.83	mg/Kg	
ML-03-S-081610	8/16/2010	Phenanthrene	0.80	mg/Kg	
ML-03-S-082310	8/23/2010	Phenanthrene	0.77	mg/Kg	
ML-03-S-082010	8/20/2010	Phenanthrene	0.77	mg/Kg	
ML-05-S-082310	8/23/2010	Phenanthrene	0.71	mg/Kg	
ML-05-S-081710	8/17/2010	Phenanthrene	0.60	mg/Kg	
ML-02-S-082310	8/23/2010	Phenanthrene	0.58	mg/Kg	
ML-05-S-082010	8/20/2010	Phenanthrene	0.58	mg/Kg	
ML-04-S-082410	8/24/2010	Phenanthrene	0.52	mg/Kg	J
ML-02-S-082510	8/25/2010	Phenanthrene	0.51	mg/Kg	
ML-02-S-082010	8/20/2010	Phenanthrene	0.51	mg/Kg	
ML-01-S-081610	8/16/2010	Phenanthrene	0.50	mg/Kg	
ML-04-S-082610	8/26/2010	Phenanthrene	0.47	mg/Kg	
ML-05-S-082610	8/26/2010	Phenanthrene	0.42	mg/Kg	
ML-04-S-081710	8/17/2010	Phenanthrene	0.42	mg/Kg	
ML-01-S-082510	8/25/2010	Phenanthrene	0.39	mg/Kg	
ML-01-S-081910	8/19/2010	Phenanthrene	0.37	mg/Kg	
ML-01-S-082110	8/21/2010	Phenanthrene	0.34	mg/Kg	
ML-02-S-081710	8/17/2010	Phenanthrene	0.31	mg/Kg	
ML-07-S-082110	8/21/2010	Phenanthrene	0.24	mg/Kg	
ML-08-S-082510	8/25/2010	Phenanthrene	0.23	mg/Kg	
ML-07-S-082410	8/24/2010	Phenanthrene	0.23	mg/Kg	J
ML-10-S-081610	8/16/2010	Phenanthrene	0.18	mg/Kg	
ML-10-S-081610	8/16/2010	Phenanthrene	0.18	mg/Kg	
ML-06-S-082510	8/25/2010	Phenanthrene	0.17	mg/Kg	J
ML-08-S-081610	8/16/2010	Phenanthrene	0.17	mg/Kg	
ML-07-S-082510	8/25/2010	Phenanthrene	0.16	mg/Kg	J
ML-09-S-082110	8/21/2010	Phenanthrene	0.15	mg/Kg	
ML-10-S-081910	8/19/2010	Phenanthrene	0.14	mg/Kg	J
ML-10-S-081910	8/19/2010	Phenanthrene	0.14	mg/Kg	J
ML-07-S-081610	8/16/2010	Phenanthrene	0.14	mg/Kg	J
ML-09-S-082510	8/25/2010	Phenanthrene	0.12	mg/Kg	J
ML-09-S-082410	8/24/2010	Phenanthrene	0.12	mg/Kg	J
ML-10-S-082110	8/21/2010	Phenanthrene	0.12	mg/Kg	J
ML-10-S-082110	8/21/2010	Phenanthrene	0.12	mg/Kg	J
ML-07-S-081810	8/18/2010	Phenanthrene	0.12	mg/Kg	J
ML-10-S-082610	8/26/2010	Phenanthrene	0.11	mg/Kg	J
ML-10-S-082610	8/26/2010	Phenanthrene	0.11	mg/Kg	J
ML-06-S-082310	8/23/2010	Phenanthrene	0.11	mg/Kg	J
ML-09-S-081810	8/18/2010	Phenanthrene	0.11	mg/Kg	J
ML-10-S-082410	8/24/2010	Phenanthrene	0.10	mg/Kg	J
ML-10-S-082410	8/24/2010	Phenanthrene	0.10	mg/Kg	J
ML-06-S-081710	8/17/2010	Phenanthrene	0.10	mg/Kg	J
ML-06-S-082010	8/20/2010	Phenanthrene	0.096	mg/Kg	J
ML-08-S-082410	8/24/2010	Phenanthrene	0.079	mg/Kg	J
ML-08-S-082110	8/21/2010	Phenanthrene	0.064	mg/Kg	J
SEE09051430PML1	9/5/2010	Phenol	3000	ug/Kg	U
SEE09011635PML1	9/1/2010	Phenol	3000	ug/Kg	U
SEE08271145RCM1	8/27/2010	Phenol	1600	ug/kg	U
SEE08261620RCM1	8/26/2010	Phenol	1400	ug/kg	U
SEE08261420RCM1	8/26/2010	Phenol	1200	ug/kg	U
SEE10211035JDF1	10/21/2010	Phenol	960	ug/Kg	UJ
SEE10051125PML1	10/5/2010	Phenol	930	ug/Kg	U
SEE09061500PML1	9/6/2010	Phenol	920	ug/Kg	U
SEE09021400PML1	9/2/2010	Phenol	920	ug/Kg	U
SEE09301105JDF1	9/30/2010	Phenol	910	ug/Kg	U
SEE08301130PML1	8/30/2010	Phenol	910	ug/Kg	U
SEE10191005JDF1	10/19/2010	Phenol	880	ug/Kg	U
SEE10171410JDF1	10/17/2010	Phenol	880	ug/Kg	U
SEE09181235PML1	9/18/2010	Phenol	880	ug/Kg	U

**TABLE B-2b**  
**Upstream Sediment Samples (Morrow Lake)**

Sample ID	Sample Date	Analyte	Result	Unit	Data Qualifier
SEE09101022PML1	9/10/2010	Phenol	880	ug/Kg	UJ
SEE09011545PML1	9/1/2010	Phenol	870	ug/Kg	U
SEE10211430JDF1	10/21/2010	Phenol	860	ug/Kg	U
SEE09231645JDF1	9/23/2010	Phenol	860	ug/Kg	U
SEE09141135PML1	9/14/2010	Phenol	860	ug/Kg	U
SEE09091410RCM1	9/9/2010	Phenol	860	ug/Kg	U
SEE10081115PML1	10/8/2010	Phenol	850	ug/Kg	U
SEE09121105RCM1	9/12/2010	Phenol	850	ug/Kg	UJ
SEE09101215PML1	9/10/2010	Phenol	850	ug/Kg	UJ
SEE09081020RCM1	9/8/2010	Phenol	850	ug/Kg	U
SEE09031645MHS1	9/3/2010	Phenol	850	ug/Kg	U
SEE09011545MHS1	9/1/2010	Phenol	850	ug/Kg	U
SEE08311420PML1	8/31/2010	Phenol	850	ug/Kg	U
SEE08311420PML1	8/31/2010	Phenol	850	ug/Kg	U
SEE10131150JDF1	10/13/2010	Phenol	840	ug/Kg	U
SEE09301255JDF1	9/30/2010	Phenol	840	ug/Kg	U
SEE10221110JDF1	10/22/2010	Phenol	830	ug/Kg	U
SEE10221110JDF1	10/22/2010	Phenol	830	ug/Kg	U
SEE09030925PML1	9/3/2010	Phenol	830	ug/Kg	U
SEE08281607TWH1	8/28/2010	Phenol	830	ug/kg	UJ
SEE08281630RCM1	8/28/2010	Phenol	830	ug/kg	UJ
SEE10191515JDF1	10/19/2010	Phenol	820	ug/Kg	U
SEE10091401PML1	10/9/2010	Phenol	820	ug/Kg	UJ
SEE09051550MHS1	9/5/2010	Phenol	820	ug/Kg	U
SEE09291023RCM1	9/29/2010	Phenol	810	ug/Kg	U
SEE09121436RCM1	9/12/2010	Phenol	810	ug/Kg	UJ
SEE09021010PML1	9/2/2010	Phenol	810	ug/Kg	U
SEE10041530JDF1	10/4/2010	Phenol	800	ug/Kg	U
SEE09101625PML1	9/10/2010	Phenol	800	ug/Kg	UJ
SEE09061525MHS1	9/6/2010	Phenol	800	ug/Kg	U
SEE09031100PML1	9/3/2010	Phenol	800	ug/Kg	U
SEE08301638MHS1	8/30/2010	Phenol	800	ug/Kg	U
SEE10191415JDF1	10/19/2010	Phenol	790	ug/Kg	U
SEE10181035JDF1	10/18/2010	Phenol	790	ug/Kg	U
SEE10091614PML1	10/9/2010	Phenol	790	ug/Kg	UJ
SEE10051653PML1	10/5/2010	Phenol	790	ug/Kg	U
SEE09231210JDF1	9/23/2010	Phenol	790	ug/Kg	U
SEE09141515PML1	9/14/2010	Phenol	790	ug/Kg	U
SEE09131026RCM1	9/13/2010	Phenol	790	ug/Kg	U
SEE09051130PML1	9/5/2010	Phenol	790	ug/Kg	U
SEE08301550PML1	8/30/2010	Phenol	790	ug/Kg	U
SEE10191155JDF1	10/19/2010	Phenol	780	ug/Kg	U
SEE10171115JDF1	10/17/2010	Phenol	780	ug/Kg	U
SEE10141015JDF1	10/14/2010	Phenol	780	ug/Kg	UJ
SEE09220935RCM1	9/22/2010	Phenol	780	ug/Kg	U
SEE09191445RCM1	9/19/2010	Phenol	780	ug/Kg	U
SEE09161045PML1	9/16/2010	Phenol	780	ug/Kg	U
SEE09071050PML1	9/7/2010	Phenol	780	ug/Kg	UJ
SEE10211010JWP1	10/21/2010	Phenol	770	ug/Kg	U
SEE10181510JDF1	10/18/2010	Phenol	770	ug/Kg	U
SEE10181510JDF1	10/18/2010	Phenol	770	ug/Kg	U
SEE10061205PML1	10/6/2010	Phenol	770	ug/Kg	U
SEE10031115JDF1	10/3/2010	Phenol	770	ug/Kg	U
SEE10031115JDF1	10/3/2010	Phenol	770	ug/Kg	U
SEE09171415PML1	9/17/2010	Phenol	770	ug/Kg	U
SEE09140945PML1	9/14/2010	Phenol	770	ug/Kg	U
SEE09131445RCM1	9/13/2010	Phenol	770	ug/Kg	U
SEE09131505PML1	9/13/2010	Phenol	770	ug/Kg	U
SEE08301145MHS1	8/30/2010	Phenol	770	ug/Kg	U
SEE10141555ARM1	10/14/2010	Phenol	760	ug/Kg	UJ

**TABLE B-2b**  
**Upstream Sediment Samples (Morrow Lake)**

Sample ID	Sample Date	Analyte	Result	Unit	Data Qualifier
SEE10101215PML1	10/10/2010	Phenol	760	ug/Kg	U
SEE10101215PML1	10/10/2010	Phenol	760	ug/Kg	U
SEE09170839RCM1	9/17/2010	Phenol	760	ug/Kg	U
SEE09081205PML1	9/8/2010	Phenol	760	ug/Kg	U
SEE09031140MHS1	9/3/2010	Phenol	760	ug/Kg	U
SEE10061051RCM1	10/6/2010	Phenol	750	ug/Kg	U
SEE10041138RCM1	10/4/2010	Phenol	750	ug/Kg	U
SEE09251135JDF1	9/25/2010	Phenol	750	ug/Kg	UJ
SEE09200945PML1	9/20/2010	Phenol	750	ug/Kg	U
SEE09200945PML1	9/20/2010	Phenol	750	ug/Kg	U
SEE09191040PML1	9/19/2010	Phenol	750	ug/Kg	U
SEE09181705PML1	9/18/2010	Phenol	750	ug/Kg	U
SEE09091005RCM1	9/9/2010	Phenol	750	ug/Kg	U
SEE09061105PML1	9/6/2010	Phenol	750	ug/Kg	U
SEE09031650PML1	9/3/2010	Phenol	750	ug/Kg	U
SEE09031650PML1	9/3/2010	Phenol	750	ug/Kg	U
SEE10191100JDF1	10/19/2010	Phenol	740	ug/Kg	U
SEE10141150JDF1	10/14/2010	Phenol	740	ug/Kg	UJ
SEE10101010PML1	10/10/2010	Phenol	740	ug/Kg	U
SEE10081051RCM1	10/8/2010	Phenol	740	ug/Kg	U
SEE09261625JDF1	9/26/2010	Phenol	740	ug/Kg	U
SEE09261625JDF1	9/26/2010	Phenol	740	ug/Kg	U
SEE09191530PML1	9/19/2010	Phenol	740	ug/Kg	U
SEE09151145PML1	9/15/2010	Phenol	740	ug/Kg	U
SEE09151145PML1	9/15/2010	Phenol	740	ug/Kg	U
SEE09121055PML1	9/12/2010	Phenol	740	ug/Kg	UJ
SEE09121055PML1	9/12/2010	Phenol	740	ug/Kg	UJ
SEE09091515PML1	9/9/2010	Phenol	740	ug/Kg	U
SEE09081010PML1	9/8/2010	Phenol	740	ug/Kg	U
SEE08311045PML1	8/31/2010	Phenol	740	ug/Kg	U
SEE10161530JDF1	10/16/2010	Phenol	730	ug/Kg	U
SEE10141550JDF1	10/14/2010	Phenol	730	ug/Kg	UJ
SEE10141550JDF1	10/14/2010	Phenol	730	ug/Kg	UJ
SEE10121155JDF1	10/12/2010	Phenol	730	ug/Kg	U
SEE10011120JDF1	10/1/2010	Phenol	730	ug/Kg	U
SEE09260930RCM1	9/26/2010	Phenol	730	ug/Kg	U
SEE09230955RCM1	9/23/2010	Phenol	730	ug/Kg	U
SEE09151015PML1	9/15/2010	Phenol	730	ug/Kg	U
SEE09111015PML1	9/11/2010	Phenol	730	ug/Kg	UJ
SEE08281505PML1	8/28/2010	Phenol	730	ug/kg	UJ
SEE10181210JDF1	10/18/2010	Phenol	720	ug/Kg	U
SEE10150945JDF1	10/15/2010	Phenol	720	ug/Kg	U
SEE10120930JDF1	10/12/2010	Phenol	720	ug/Kg	U
SEE10081231PML1	10/8/2010	Phenol	720	ug/Kg	U
SEE10071042RCM1	10/7/2010	Phenol	720	ug/Kg	U
SEE10071101PML1	10/7/2010	Phenol	720	ug/Kg	U
SEE09261215JDF1	9/26/2010	Phenol	720	ug/Kg	U
SEE09011050PML1	9/1/2010	Phenol	720	ug/Kg	U
SEE08271215PML1	8/27/2010	Phenol	720	ug/kg	U
SEE10221055DWS1	10/22/2010	Phenol	710	ug/Kg	U
SEE09221440JDF1	9/22/2010	Phenol	710	ug/Kg	U
SEE09040950PML1	9/4/2010	Phenol	710	ug/Kg	U
SEE10181430JWP1	10/18/2010	Phenol	700	ug/Kg	U
SEE10161115ARM1	10/16/2010	Phenol	700	ug/Kg	U
SEE10061640PML1	10/6/2010	Phenol	700	ug/Kg	U
SEE10061640PML1	10/6/2010	Phenol	700	ug/Kg	U
SEE09301205RCM1	9/30/2010	Phenol	700	ug/Kg	U
SEE09211155JDF1	9/21/2010	Phenol	700	ug/Kg	U
SEE09201115RCM1	9/20/2010	Phenol	700	ug/Kg	U
SEE09171445RCM1	9/17/2010	Phenol	700	ug/Kg	U

**TABLE B-2b**  
**Upstream Sediment Samples (Morrow Lake)**

Sample ID	Sample Date	Analyte	Result	Unit	Data Qualifier
SEE09161035RCM1	9/16/2010	Phenol	700	ug/Kg	U
SEE10191010JWP1	10/19/2010	Phenol	690	ug/Kg	U
SEE10041150JDF1	10/4/2010	Phenol	690	ug/Kg	U
SEE09121450PML1	9/12/2010	Phenol	690	ug/Kg	UJ
SEE08301520JRP1	8/30/2010	Phenol	690	ug/Kg	U
SEE08271614TWH1	8/27/2010	Phenol	690	ug/kg	U
SEE10111125JDF1	10/11/2010	Phenol	680	ug/Kg	U
SEE09271130JDF1	9/27/2010	Phenol	680	ug/Kg	U
SEE09131620PML1	9/13/2010	Phenol	680	ug/Kg	U
SEE09061130MHS1	9/6/2010	Phenol	680	ug/Kg	U
SEE08261445JRP1	8/26/2010	Phenol	680	ug/Kg	U
SEE10031425JDF1	10/3/2010	Phenol	670	ug/Kg	U
SEE09291035JDF1	9/29/2010	Phenol	670	ug/Kg	U
SEE09250905RCM1	9/25/2010	Phenol	670	ug/Kg	UJ
SEE09211530JDF1	9/21/2010	Phenol	670	ug/Kg	U
SEE09131125PML1	9/13/2010	Phenol	670	ug/Kg	U
SEE09091605PML1	9/9/2010	Phenol	670	ug/Kg	U
SEE09041350PML1	9/4/2010	Phenol	670	ug/Kg	U
SEE09011255PML1	9/1/2010	Phenol	670	ug/Kg	U
SEE09170945PML1	9/17/2010	Phenol	660	ug/Kg	U
SEE09091145PML1	9/9/2010	Phenol	660	ug/Kg	U
SEE08301445JRP1	8/30/2010	Phenol	660	ug/Kg	U
SEE08271500PML1	8/27/2010	Phenol	660	ug/kg	U
SEE09091410PML1	9/9/2010	Phenol	650	ug/Kg	U
SEE09171125PML1	9/17/2010	Phenol	640	ug/Kg	U
SEE09051015PML1	9/5/2010	Phenol	640	ug/Kg	U
SEE10161415JDF1	10/16/2010	Phenol	630	ug/Kg	U
SEE10111011JDF1	10/11/2010	Phenol	630	ug/Kg	U
SEE09130940PML1	9/13/2010	Phenol	630	ug/Kg	U
SEE08301015JRP1	8/30/2010	Phenol	630	ug/Kg	U
SEE10121415ARM1	10/12/2010	Phenol	620	ug/Kg	U
SEE10071540PML1	10/7/2010	Phenol	620	ug/Kg	U
SEE09031115JAW1	9/3/2010	Phenol	620	ug/Kg	U
SEE08301530JAW1	8/30/2010	Phenol	620	ug/Kg	U
SEE10161055JDF1	10/16/2010	Phenol	610	ug/Kg	U
SEE10071205PML1	10/7/2010	Phenol	610	ug/Kg	U
SEE09271515JDF1	9/27/2010	Phenol	610	ug/Kg	U
SEE09211112RCM1	9/21/2010	Phenol	610	ug/Kg	U
SEE09201645ARM1	9/20/2010	Phenol	610	ug/Kg	U
SEE09171530PML1	9/17/2010	Phenol	610	ug/Kg	U
SEE09091010PML1	9/9/2010	Phenol	610	ug/Kg	U
SEE09091025JRP1	9/9/2010	Phenol	610	ug/Kg	U
SEE10111350JDF1	10/11/2010	Phenol	600	ug/Kg	U
SEE09290925JDF1	9/29/2010	Phenol	600	ug/Kg	U
SEE09221105JDF1	9/22/2010	Phenol	600	ug/Kg	U
SEE09221615JDF1	9/22/2010	Phenol	600	ug/Kg	U
SEE10151055ARM1	10/15/2010	Phenol	590	ug/Kg	U
SEE09301255MAE1	9/30/2010	Phenol	590	ug/Kg	U
SEE09011145PML1	9/1/2010	Phenol	590	ug/Kg	U
SEE08291110PML1	8/29/2010	Phenol	590	ug/kg	U
SEE10041050JDF1	10/4/2010	Phenol	580	ug/Kg	U
SEE09231130ARM1	9/23/2010	Phenol	580	ug/Kg	U
SEE10121030JDF1	10/12/2010	Phenol	570	ug/Kg	U
SEE10041335JDF1	10/4/2010	Phenol	570	ug/Kg	U
SEE09271025ARM1	9/27/2010	Phenol	570	ug/Kg	U
SEE08281215PML1	8/28/2010	Phenol	570	ug/kg	U
SEE08281420TWH1	8/28/2010	Phenol	570	ug/kg	UJ
SEE10040945JDF1	10/4/2010	Phenol	560	ug/Kg	U
SEE09130955JRP1	9/13/2010	Phenol	560	ug/Kg	U
SEE09291645JDF1	9/29/2010	Phenol	550	ug/Kg	U

**TABLE B-2b**  
**Upstream Sediment Samples (Morrow Lake)**

Sample ID	Sample Date	Analyte	Result	Unit	Data Qualifier
SEE08281510TWH1	8/28/2010	Phenol	540	ug/kg	UJ
SEE09141312RCM1	9/14/2010	Phenol	530	ug/Kg	U
SEE08291421KAP1	8/29/2010	Phenol	510	ug/kg	U
SEE08271652TWH1	8/27/2010	Phenol	500	ug/kg	U
SEE10151355ARM1	10/15/2010	Phenol	480	ug/Kg	U
SEE10041355ARM1	10/4/2010	Phenol	480	ug/Kg	U
SEE09090900JRP1	9/9/2010	Phenol	470	ug/Kg	U
SEE08311010JRP1	8/31/2010	Phenol	470	ug/Kg	U
SEE08311348MHS1	8/31/2010	Phenol	470	ug/Kg	U
SEE10170915JDF1	10/17/2010	Phenol	460	ug/Kg	U
SEE10071415ARM1	10/7/2010	Phenol	460	ug/Kg	U
SEE09291135JDF1	9/29/2010	Phenol	460	ug/Kg	U
SEE10071151RCM1	10/7/2010	Phenol	430	ug/Kg	U
SEE08300920JRP1	8/30/2010	Phenol	410	ug/Kg	U
SEE08291550KAP1	8/29/2010	Phenol	410	ug/kg	U
SEE10221450DWS1	10/22/2010	Phenol	390	ug/Kg	U
SEE09051500MHS1	9/5/2010	Phenol	380	ug/Kg	U
SEE10141025ARM1	10/14/2010	Phenol	370	ug/Kg	UJ
SEE10211345JWP1	10/21/2010	Phenol	330	ug/Kg	U
SEE10091200ARM1	10/9/2010	Phenol	330	ug/Kg	UJ
SEE09130915JRP1	9/13/2010	Phenol	330	ug/Kg	U
SEE08291354KAP1	8/29/2010	Phenol	330	ug/kg	U
SEE09061610JAW1	9/6/2010	Phenol	290	ug/Kg	U
SEE10051415ARM1	10/5/2010	Phenol	280	ug/Kg	U
SEE10171535ARM1	10/17/2010	Phenol	270	ug/Kg	U
SEE08291445PML1	8/29/2010	Phenol	270	ug/kg	U
SEE08261700JRP1	8/26/2010	Phenol	270	ug/Kg	U
SEE09100945RCM1	9/10/2010	Phenol	260	ug/Kg	UJ
SEE08301410JRP1	8/30/2010	Phenol	260	ug/Kg	U
SEE10011125ARM1	10/1/2010	Phenol	250	ug/Kg	U
SEE09211120ARM1	9/21/2010	Phenol	250	ug/Kg	U
SEE09201110ARM1	9/20/2010	Phenol	250	ug/Kg	U
SEF10221050MAE3	10/22/2010	Phenol	240	ug/Kg	U
SEF10191135NAC3	10/19/2010	Phenol	240	ug/Kg	U
SEE10081035ARM1	10/8/2010	Phenol	240	ug/Kg	U
SEE09171200ARM1	9/17/2010	Phenol	240	ug/Kg	U
SEE09290915MAE1	9/29/2010	Phenol	230	ug/Kg	U
SEE09271500ARM1	9/27/2010	Phenol	230	ug/Kg	U
SEE09231205RCM1	9/23/2010	Phenol	230	ug/Kg	U
SEE09200911RCM1	9/20/2010	Phenol	230	ug/Kg	U
SEE09140945JRP1	9/14/2010	Phenol	230	ug/Kg	U
SEE08271445JRP1	8/27/2010	Phenol	230	ug/kg	U
SEF10081108TDF3	10/8/2010	Phenol	220	ug/Kg	U
SEE10071045ARM1	10/7/2010	Phenol	220	ug/Kg	U
SEE10041045ARM1	10/4/2010	Phenol	220	ug/Kg	U
SEE10011043RCM1	10/1/2010	Phenol	220	ug/Kg	U
SEE09281445RCM1	9/28/2010	Phenol	220	ug/Kg	U
SEE09251235ARM1	9/25/2010	Phenol	220	ug/Kg	UJ
SEE09231035ARM1	9/23/2010	Phenol	220	ug/Kg	U
SEE09170935RCM1	9/17/2010	Phenol	220	ug/Kg	U
SEE09150915JRP1	9/15/2010	Phenol	220	ug/Kg	U
SEE09070930JRP1	9/7/2010	Phenol	220	ug/Kg	UJ
SEB09011143JLS1	9/1/2010	Phenol	220	ug/Kg	U
SEE08301100JRP1	8/30/2010	Phenol	220	ug/Kg	U
SEE08271536TWH1	8/27/2010	Phenol	220	ug/kg	U
SEE10191115JWP1	10/19/2010	Phenol	210	ug/Kg	U
SEF10151030PMB3	10/15/2010	Phenol	210	ug/Kg	U
SEF10121130PMB3	10/12/2010	Phenol	210	ug/Kg	U
SEE10061135ARM1	10/6/2010	Phenol	210	ug/Kg	U
SEF10051206TDF3	10/5/2010	Phenol	210	ug/Kg	U

**TABLE B-2b**  
**Upstream Sediment Samples (Morrow Lake)**

Sample ID	Sample Date	Analyte	Result	Unit	Data Qualifier
SEE09100920JRP1	9/10/2010	Phenol	210	ug/Kg	UJ
SEE09051500JAW1	9/5/2010	Phenol	210	ug/Kg	U
SEB08281400JLS1	8/28/2010	Phenol	210	ug/kg	UJ
SEE08281540JRP1	8/28/2010	Phenol	210	ug/kg	U
SEE10131035ARM1	10/13/2010	Phenol	200	ug/Kg	U
SEE10121040ARM1	10/12/2010	Phenol	200	ug/Kg	U
SEE10051145RCM1	10/5/2010	Phenol	200	ug/Kg	U
SEE09301025MAE1	9/30/2010	Phenol	200	ug/Kg	U
SEF09281139TDF1	9/28/2010	Phenol	200	ug/Kg	U
SEE09221045ARM1	9/22/2010	Phenol	200	ug/Kg	U
SEE09080930JRP1	9/8/2010	Phenol	200	ug/Kg	U
SEE09011515JAW1	9/1/2010	Phenol	200	ug/Kg	U
SEE10181030JWP1	10/18/2010	Phenol	190	ug/Kg	U
SEF10011045TDF1	10/1/2010	Phenol	73	ug/Kg	J
ML-07-S-081810	8/18/2010	Phenol	3.7	mg/Kg	UJ
ML-06-S-082310	8/23/2010	Phenol	3.3	mg/Kg	U
ML-04-S-081710	8/17/2010	Phenol	3.2	mg/Kg	U
ML-04-S-082610	8/26/2010	Phenol	3.1	mg/Kg	U
ML-03-S-082310	8/23/2010	Phenol	3.1	mg/Kg	U
ML-10-S-081910	8/19/2010	Phenol	3.1	mg/Kg	U
ML-10-S-081910	8/19/2010	Phenol	3.1	mg/Kg	U
ML-09-S-081810	8/18/2010	Phenol	3.1	mg/Kg	UJ
ML-06-S-081710	8/17/2010	Phenol	3.1	mg/Kg	U
ML-10-S-082610	8/26/2010	Phenol	3.0	mg/Kg	U
ML-10-S-082610	8/26/2010	Phenol	3.0	mg/Kg	U
ML-05-S-082310	8/23/2010	Phenol	2.8	mg/Kg	U
ML-01-S-081910	8/19/2010	Phenol	2.7	mg/Kg	U
ML-05-S-081710	8/17/2010	Phenol	2.6	mg/Kg	U
ML-02-S-082310	8/23/2010	Phenol	2.5	mg/Kg	U
ML-02-S-081710	8/17/2010	Phenol	2.4	mg/Kg	U
ML-06-S-082510	8/25/2010	Phenol	1.8	mg/Kg	U
ML-07-S-082410	8/24/2010	Phenol	1.8	mg/Kg	UJ
ML-07-S-082110	8/21/2010	Phenol	1.8	mg/Kg	U
ML-05-S-082610	8/26/2010	Phenol	1.7	mg/Kg	U
ML-07-S-082510	8/25/2010	Phenol	1.7	mg/Kg	U
ML-08-S-082110	8/21/2010	Phenol	1.7	mg/Kg	U
ML-07-S-081610	8/16/2010	Phenol	1.7	mg/Kg	U
ML-08-S-081610	8/16/2010	Phenol	1.7	mg/Kg	U
ML-08-S-082510	8/25/2010	Phenol	1.6	mg/Kg	U
ML-08-S-082410	8/24/2010	Phenol	1.6	mg/Kg	UJ
ML-06-S-082010	8/20/2010	Phenol	1.6	mg/Kg	U
ML-01-S-081610	8/16/2010	Phenol	1.6	mg/Kg	U
ML-01-S-082510	8/25/2010	Phenol	1.5	mg/Kg	U
ML-09-S-082510	8/25/2010	Phenol	1.5	mg/Kg	U
ML-04-S-082410	8/24/2010	Phenol	1.5	mg/Kg	UJ
ML-10-S-082410	8/24/2010	Phenol	1.5	mg/Kg	UJ
ML-10-S-082410	8/24/2010	Phenol	1.5	mg/Kg	UJ
ML-09-S-082110	8/21/2010	Phenol	1.5	mg/Kg	U
ML-10-S-082110	8/21/2010	Phenol	1.5	mg/Kg	U
ML-10-S-082110	8/21/2010	Phenol	1.5	mg/Kg	U
ML-05-S-082010	8/20/2010	Phenol	1.5	mg/Kg	U
ML-10-S-081610	8/16/2010	Phenol	1.5	mg/Kg	U
ML-10-S-081610	8/16/2010	Phenol	1.5	mg/Kg	U
ML-02-S-082510	8/25/2010	Phenol	1.4	mg/Kg	U
ML-09-S-082410	8/24/2010	Phenol	1.4	mg/Kg	UJ
ML-01-S-082110	8/21/2010	Phenol	1.4	mg/Kg	U
ML-03-S-082510	8/25/2010	Phenol	1.3	mg/Kg	U
ML-02-S-082010	8/20/2010	Phenol	1.3	mg/Kg	U
ML-04-S-082010	8/20/2010	Phenol	1.3	mg/Kg	U
ML-03-S-081610	8/16/2010	Phenol	1.2	mg/Kg	U



**TABLE B-2b**  
**Upstream Sediment Samples (Morrow Lake)**

Sample ID	Sample Date	Analyte	Result	Unit	Data Qualifier
ML-03-S-082010	8/20/2010	Phenol	0.010	mg/Kg	J
SEE10031425JDF1	10/3/2010	Pyrene	4000	ug/Kg	
SEE10041335JDF1	10/4/2010	Pyrene	3800	ug/Kg	J
SEE10071540PML1	10/7/2010	Pyrene	2900	ug/Kg	
SEE10041150JDF1	10/4/2010	Pyrene	2900	ug/Kg	J
SEE10111350JDF1	10/11/2010	Pyrene	2800	ug/Kg	
SEE10121030JDF1	10/12/2010	Pyrene	2600	ug/Kg	
SEE09061610JAW1	9/6/2010	Pyrene	2600	ug/Kg	
SEE09051430PML1	9/5/2010	Pyrene	2600	ug/Kg	
SEE10040945JDF1	10/4/2010	Pyrene	2500	ug/Kg	J
SEE09221615JDF1	9/22/2010	Pyrene	2400	ug/Kg	
SEE09011255PML1	9/1/2010	Pyrene	2300	ug/Kg	
SEE10170915JDF1	10/17/2010	Pyrene	2200	ug/Kg	J
SEE10171535ARM1	10/17/2010	Pyrene	2200	ug/Kg	J
SEE10071205PML1	10/7/2010	Pyrene	2200	ug/Kg	
SEE09301255MAE1	9/30/2010	Pyrene	2200	ug/Kg	
SEE09271025ARM1	9/27/2010	Pyrene	2200	ug/Kg	
SEE09271515JDF1	9/27/2010	Pyrene	2200	ug/Kg	
SEE09051015PML1	9/5/2010	Pyrene	2200	ug/Kg	
SEE10111125JDF1	10/11/2010	Pyrene	2100	ug/Kg	
SEE10081231PML1	10/8/2010	Pyrene	2100	ug/Kg	
SEE10041355ARM1	10/4/2010	Pyrene	2100	ug/Kg	J
SEE09221105JDF1	9/22/2010	Pyrene	2100	ug/Kg	
SEE10111011JDF1	10/11/2010	Pyrene	2000	ug/Kg	
SEE10071101PML1	10/7/2010	Pyrene	2000	ug/Kg	
SEE10041050JDF1	10/4/2010	Pyrene	2000	ug/Kg	J
SEE09290925JDF1	9/29/2010	Pyrene	2000	ug/Kg	
SEE09271130JDF1	9/27/2010	Pyrene	2000	ug/Kg	
SEE09131620PML1	9/13/2010	Pyrene	2000	ug/Kg	J
SEE09031115JAW1	9/3/2010	Pyrene	2000	ug/Kg	
SEE09011635PML1	9/1/2010	Pyrene	2000	ug/Kg	
SEE10120930JDF1	10/12/2010	Pyrene	1900	ug/Kg	
SEE10061205PML1	10/6/2010	Pyrene	1900	ug/Kg	
SEE09291035JDF1	9/29/2010	Pyrene	1900	ug/Kg	
SEE09171530PML1	9/17/2010	Pyrene	1900	ug/Kg	J
SEE09130955JRP1	9/13/2010	Pyrene	1900	ug/Kg	
SEE09011545PML1	9/1/2010	Pyrene	1800	ug/Kg	
SEE09171125PML1	9/17/2010	Pyrene	1700	ug/Kg	J
SEE09091605PML1	9/9/2010	Pyrene	1700	ug/Kg	
SEE09041350PML1	9/4/2010	Pyrene	1700	ug/Kg	J
SEE10121415ARM1	10/12/2010	Pyrene	1600	ug/Kg	
SEE10091200ARM1	10/9/2010	Pyrene	1600	ug/Kg	J
SEE09221440JDF1	9/22/2010	Pyrene	1600	ug/Kg	
SEE09161045PML1	9/16/2010	Pyrene	1600	ug/Kg	J
SEE09131125PML1	9/13/2010	Pyrene	1600	ug/Kg	
SEE09051130PML1	9/5/2010	Pyrene	1600	ug/Kg	
SEE10131150JDF1	10/13/2010	Pyrene	1500	ug/Kg	
SEE10051125PML1	10/5/2010	Pyrene	1500	ug/Kg	
SEE09171415PML1	9/17/2010	Pyrene	1500	ug/Kg	J
SEE09131505PML1	9/13/2010	Pyrene	1500	ug/Kg	
SEE09121450PML1	9/12/2010	Pyrene	1500	ug/Kg	J
SEE09011145PML1	9/1/2010	Pyrene	1500	ug/Kg	
SEE08301530JAW1	8/30/2010	Pyrene	1500	ug/Kg	
SEE10161530JDF1	10/16/2010	Pyrene	1400	ug/Kg	
SEE09301105JDF1	9/30/2010	Pyrene	1400	ug/Kg	
SEE09201645ARM1	9/20/2010	Pyrene	1400	ug/Kg	
SEE09091025JRP1	9/9/2010	Pyrene	1400	ug/Kg	
SEE09091515PML1	9/9/2010	Pyrene	1400	ug/Kg	
SEE09040950PML1	9/4/2010	Pyrene	1400	ug/Kg	J
SEE10161055JDF1	10/16/2010	Pyrene	1300	ug/Kg	

**TABLE B-2b**  
**Upstream Sediment Samples (Morrow Lake)**

Sample ID	Sample Date	Analyte	Result	Unit	Data Qualifier
SEE10071415ARM1	10/7/2010	Pyrene	1300	ug/Kg	
SEE09301255JDF1	9/30/2010	Pyrene	1300	ug/Kg	
SEE09291135JDF1	9/29/2010	Pyrene	1300	ug/Kg	
SEE09211530JDF1	9/21/2010	Pyrene	1300	ug/Kg	
SEE09130940PML1	9/13/2010	Pyrene	1300	ug/Kg	
SEE09011050PML1	9/1/2010	Pyrene	1300	ug/Kg	
SEE10181035JDF1	10/18/2010	Pyrene	1200	ug/Kg	
SEE10171410JDF1	10/17/2010	Pyrene	1200	ug/Kg	J
SEE10151355ARM1	10/15/2010	Pyrene	1200	ug/Kg	
SEE10141555ARM1	10/14/2010	Pyrene	1200	ug/Kg	
SEE10061051RCM1	10/6/2010	Pyrene	1200	ug/Kg	
SEE10031115JDF1	10/3/2010	Pyrene	1200	ug/Kg	
SEE10031115JDF1	10/3/2010	Pyrene	1200	ug/Kg	
SEE09211155JDF1	9/21/2010	Pyrene	1200	ug/Kg	
SEE09170945PML1	9/17/2010	Pyrene	1200	ug/Kg	J
SEE09091145PML1	9/9/2010	Pyrene	1200	ug/Kg	
SEE09011545MHS1	9/1/2010	Pyrene	1200	ug/Kg	
SEE08301015JRP1	8/30/2010	Pyrene	1200	ug/Kg	
SEE10171115JDF1	10/17/2010	Pyrene	1100	ug/Kg	J
SEE10161115ARM1	10/16/2010	Pyrene	1100	ug/Kg	
SEE10081051RCM1	10/8/2010	Pyrene	1100	ug/Kg	
SEE10051653PML1	10/5/2010	Pyrene	1100	ug/Kg	
SEE10041530JDF1	10/4/2010	Pyrene	1100	ug/Kg	J
SEE09231130ARM1	9/23/2010	Pyrene	1100	ug/Kg	
SEE09191445RCM1	9/19/2010	Pyrene	1100	ug/Kg	
SEE09091410PML1	9/9/2010	Pyrene	1100	ug/Kg	
SEE09081020RCM1	9/8/2010	Pyrene	1100	ug/Kg	
SEE09061500PML1	9/6/2010	Pyrene	1100	ug/Kg	
SEE09021400PML1	9/2/2010	Pyrene	1100	ug/Kg	
SEE08271500PML1	8/27/2010	Pyrene	1100	ug/kg	
SEE10141550JDF1	10/14/2010	Pyrene	1000	ug/Kg	
SEE10141550JDF1	10/14/2010	Pyrene	1000	ug/Kg	
SEE09260930RCM1	9/26/2010	Pyrene	1000	ug/Kg	
SEE09091010PML1	9/9/2010	Pyrene	1000	ug/Kg	
SEE09051550MHS1	9/5/2010	Pyrene	1000	ug/Kg	
SEE10091401PML1	10/9/2010	Pyrene	990	ug/Kg	J
SEE10081115PML1	10/8/2010	Pyrene	990	ug/Kg	
SEE09031645MHS1	9/3/2010	Pyrene	980	ug/Kg	
SEE08301638MHS1	8/30/2010	Pyrene	980	ug/Kg	
SEE10121155JDF1	10/12/2010	Pyrene	970	ug/Kg	
SEE08301130PML1	8/30/2010	Pyrene	970	ug/Kg	
SEE09061130MHS1	9/6/2010	Pyrene	960	ug/Kg	
SEE09021010PML1	9/2/2010	Pyrene	950	ug/Kg	
SEE08301520JRP1	8/30/2010	Pyrene	950	ug/Kg	
SEE09030925PML1	9/3/2010	Pyrene	940	ug/Kg	
SEE08301145MHS1	8/30/2010	Pyrene	940	ug/Kg	
SEE10181430JWP1	10/18/2010	Pyrene	930	ug/Kg	
SEE10041138RCM1	10/4/2010	Pyrene	930	ug/Kg	J
SEE09061525MHS1	9/6/2010	Pyrene	930	ug/Kg	
SEE09121436RCM1	9/12/2010	Pyrene	910	ug/Kg	J
SEE09251135JDF1	9/25/2010	Pyrene	900	ug/Kg	J
SEE09130915JRP1	9/13/2010	Pyrene	890	ug/Kg	
SEE10051415ARM1	10/5/2010	Pyrene	880	ug/Kg	
SEE10161415JDF1	10/16/2010	Pyrene	870	ug/Kg	
SEE10101215PML1	10/10/2010	Pyrene	860	ug/Kg	
SEE10101215PML1	10/10/2010	Pyrene	860	ug/Kg	
SEE08301445JRP1	8/30/2010	Pyrene	860	ug/Kg	
SEE10141015JDF1	10/14/2010	Pyrene	850	ug/Kg	
SEE10181210JDF1	10/18/2010	Pyrene	840	ug/Kg	
SEE10151055ARM1	10/15/2010	Pyrene	830	ug/Kg	

**TABLE B-2b**  
**Upstream Sediment Samples (Morrow Lake)**

Sample ID	Sample Date	Analyte	Result	Unit	Data Qualifier
SEE09170839RCM1	9/17/2010	Pyrene	830	ug/Kg	J
SEE09141135PML1	9/14/2010	Pyrene	830	ug/Kg	
SEE09090900JRP1	9/9/2010	Pyrene	830	ug/Kg	
SEE10141150JDF1	10/14/2010	Pyrene	820	ug/Kg	
SEE10011120JDF1	10/1/2010	Pyrene	820	ug/Kg	
SEE09291023RCM1	9/29/2010	Pyrene	810	ug/Kg	
SEE09141515PML1	9/14/2010	Pyrene	790	ug/Kg	
SEE10091614PML1	10/9/2010	Pyrene	780	ug/Kg	J
SEE08281505PML1	8/28/2010	Pyrene	780	ug/kg	
SEE09140945PML1	9/14/2010	Pyrene	770	ug/Kg	
SEE09121055PML1	9/12/2010	Pyrene	770	ug/Kg	J
SEE09121055PML1	9/12/2010	Pyrene	770	ug/Kg	J
SEE09181705PML1	9/18/2010	Pyrene	760	ug/Kg	
SEE10181510JDF1	10/18/2010	Pyrene	750	ug/Kg	
SEE10181510JDF1	10/18/2010	Pyrene	750	ug/Kg	
SEE10071042RCM1	10/7/2010	Pyrene	740	ug/Kg	
SEE09261625JDF1	9/26/2010	Pyrene	740	ug/Kg	
SEE09261625JDF1	9/26/2010	Pyrene	740	ug/Kg	
SEE09131026RCM1	9/13/2010	Pyrene	740	ug/Kg	
SEE09181235PML1	9/18/2010	Pyrene	730	ug/Kg	
SEE09220935RCM1	9/22/2010	Pyrene	720	ug/Kg	
SEE09161035RCM1	9/16/2010	Pyrene	720	ug/Kg	J
SEE09261215JDF1	9/26/2010	Pyrene	710	ug/Kg	
SEE09151145PML1	9/15/2010	Pyrene	710	ug/Kg	
SEE09151145PML1	9/15/2010	Pyrene	710	ug/Kg	
SEE09121105RCM1	9/12/2010	Pyrene	710	ug/Kg	J
SEE09111015PML1	9/11/2010	Pyrene	710	ug/Kg	J
SEE09031140MHS1	9/3/2010	Pyrene	710	ug/Kg	
SEE08271215PML1	8/27/2010	Pyrene	700	ug/kg	J
SEE09061105PML1	9/6/2010	Pyrene	690	ug/Kg	
SEE08311045PML1	8/31/2010	Pyrene	670	ug/Kg	
SEE10150945JDF1	10/15/2010	Pyrene	660	ug/Kg	
SEE08300920JRP1	8/30/2010	Pyrene	660	ug/Kg	
SEE08281215PML1	8/28/2010	Pyrene	650	ug/kg	
SEE09031650PML1	9/3/2010	Pyrene	640	ug/Kg	
SEE09031650PML1	9/3/2010	Pyrene	640	ug/Kg	
SEE08311420PML1	8/31/2010	Pyrene	630	ug/Kg	
SEE08311420PML1	8/31/2010	Pyrene	630	ug/Kg	
SEE08301550PML1	8/30/2010	Pyrene	630	ug/Kg	
SEE08291550KAP1	8/29/2010	Pyrene	630	ug/kg	
SEE09250905RCM1	9/25/2010	Pyrene	610	ug/Kg	J
SEE09201115RCM1	9/20/2010	Pyrene	610	ug/Kg	
SEE09131445RCM1	9/13/2010	Pyrene	610	ug/Kg	
SEE09291645JDF1	9/29/2010	Pyrene	600	ug/Kg	
SEE09081010PML1	9/8/2010	Pyrene	590	ug/Kg	
SEE09081205PML1	9/8/2010	Pyrene	590	ug/Kg	
SEE09071050PML1	9/7/2010	Pyrene	590	ug/Kg	J
SEE09191040PML1	9/19/2010	Pyrene	580	ug/Kg	
SEE09191530PML1	9/19/2010	Pyrene	560	ug/Kg	
SEE09031100PML1	9/3/2010	Pyrene	550	ug/Kg	
SEE08281630RCM1	8/28/2010	Pyrene	540	ug/kg	J
SEE10061640PML1	10/6/2010	Pyrene	520	ug/Kg	
SEE10061640PML1	10/6/2010	Pyrene	520	ug/Kg	
SEE09101215PML1	9/10/2010	Pyrene	510	ug/Kg	J
SEE09091005RCM1	9/9/2010	Pyrene	490	ug/Kg	
SEE10101010PML1	10/10/2010	Pyrene	480	ug/Kg	
SEE09101625PML1	9/10/2010	Pyrene	480	ug/Kg	J
SEE09200945PML1	9/20/2010	Pyrene	470	ug/Kg	
SEE09200945PML1	9/20/2010	Pyrene	470	ug/Kg	
SEE09171445RCM1	9/17/2010	Pyrene	450	ug/Kg	J

**TABLE B-2b**  
**Upstream Sediment Samples (Morrow Lake)**

Sample ID	Sample Date	Analyte	Result	Unit	Data Qualifier
SEE08271614TWH1	8/27/2010	Pyrene	450	ug/kg	J
SEE09301205RCM1	9/30/2010	Pyrene	430	ug/Kg	
SEE09091410RCM1	9/9/2010	Pyrene	430	ug/Kg	
SEE09211112RCM1	9/21/2010	Pyrene	420	ug/Kg	
SEE09101022PML1	9/10/2010	Pyrene	410	ug/Kg	J
SEE08261445JRP1	8/26/2010	Pyrene	400	ug/Kg	
SEE09231645JDF1	9/23/2010	Pyrene	390	ug/Kg	
SEE08261420RCM1	8/26/2010	Pyrene	390	ug/kg	J
SEE08281607TWH1	8/28/2010	Pyrene	380	ug/kg	J
SEE09141312RCM1	9/14/2010	Pyrene	370	ug/Kg	
SEE08291354KAP1	8/29/2010	Pyrene	360	ug/kg	
SEE09151015PML1	9/15/2010	Pyrene	340	ug/Kg	
SEE08311010JRP1	8/31/2010	Pyrene	340	ug/Kg	
SEE08291421KAP1	8/29/2010	Pyrene	340	ug/kg	J
SEE08281420TWH1	8/28/2010	Pyrene	330	ug/kg	J
SEE08281510TWH1	8/28/2010	Pyrene	310	ug/kg	J
SEE08271652TWH1	8/27/2010	Pyrene	310	ug/kg	J
SEE10191515JDF1	10/19/2010	Pyrene	290	ug/Kg	
SEE09230955RCM1	9/23/2010	Pyrene	290	ug/Kg	
SEE08271145RCM1	8/27/2010	Pyrene	280	ug/kg	J
SEE10121040ARM1	10/12/2010	Pyrene	250	ug/Kg	
SEE10011125ARM1	10/1/2010	Pyrene	250	ug/Kg	
SEE08311348MHS1	8/31/2010	Pyrene	250	ug/Kg	
SEE09231210JDF1	9/23/2010	Pyrene	240	ug/Kg	
SEE09290915MAE1	9/29/2010	Pyrene	230	ug/Kg	
SEE10071151RCM1	10/7/2010	Pyrene	220	ug/Kg	
SEE09201110ARM1	9/20/2010	Pyrene	220	ug/Kg	
SEE10141025ARM1	10/14/2010	Pyrene	210	ug/Kg	
SEE08261620RCM1	8/26/2010	Pyrene	210	ug/kg	J
SEE10061135ARM1	10/6/2010	Pyrene	200	ug/Kg	
SEE08261700JRP1	8/26/2010	Pyrene	200	ug/Kg	
SEE10191100JDF1	10/19/2010	Pyrene	190	ug/Kg	
SEE10191115JWP1	10/19/2010	Pyrene	190	ug/Kg	
SEE10071045ARM1	10/7/2010	Pyrene	190	ug/Kg	
SEF10011045TDF1	10/1/2010	Pyrene	190	ug/Kg	
SEE10211035JDF1	10/21/2010	Pyrene	180	ug/Kg	UJ
SEE09140945JRP1	9/14/2010	Pyrene	170	ug/Kg	
SEE08291445PML1	8/29/2010	Pyrene	170	ug/kg	J
SEE10221110JDF1	10/22/2010	Pyrene	160	ug/Kg	U
SEE10221110JDF1	10/22/2010	Pyrene	160	ug/Kg	U
SEE10211430JDF1	10/21/2010	Pyrene	160	ug/Kg	U
SEE10191005JDF1	10/19/2010	Pyrene	160	ug/Kg	U
SEE09271500ARM1	9/27/2010	Pyrene	160	ug/Kg	
SEE10191415JDF1	10/19/2010	Pyrene	150	ug/Kg	U
SEE10211010JWP1	10/21/2010	Pyrene	140	ug/Kg	U
SEE09051500MHS1	9/5/2010	Pyrene	140	ug/Kg	
SEE10221055DWS1	10/22/2010	Pyrene	130	ug/Kg	U
SEE10191010JWP1	10/19/2010	Pyrene	130	ug/Kg	U
SEE09171200ARM1	9/17/2010	Pyrene	130	ug/Kg	J
SEE09150915JRP1	9/15/2010	Pyrene	130	ug/Kg	
SEE10191155JDF1	10/19/2010	Pyrene	110	ug/Kg	J
SEE09301025MAE1	9/30/2010	Pyrene	110	ug/Kg	
SEE09211120ARM1	9/21/2010	Pyrene	110	ug/Kg	
SEE08291110PML1	8/29/2010	Pyrene	110	ug/kg	J
SEE08271445JRP1	8/27/2010	Pyrene	100	ug/kg	J
SEE10221450DWS1	10/22/2010	Pyrene	95	ug/Kg	
SEE09231035ARM1	9/23/2010	Pyrene	86	ug/Kg	
SEE09100920JRP1	9/10/2010	Pyrene	81	ug/Kg	J
SEE09070930JRP1	9/7/2010	Pyrene	72	ug/Kg	J
SEE08301410JRP1	8/30/2010	Pyrene	71	ug/Kg	

**TABLE B-2b**  
**Upstream Sediment Samples (Morrow Lake)**

Sample ID	Sample Date	Analyte	Result	Unit	Data Qualifier
SEE10211345JWP1	10/21/2010	Pyrene	62	ug/Kg	U
SEE08281540JRP1	8/28/2010	Pyrene	60	ug/kg	J
SEE09231205RCM1	9/23/2010	Pyrene	59	ug/Kg	
SEE10041045ARM1	10/4/2010	Pyrene	56	ug/Kg	J
SEE09251235ARM1	9/25/2010	Pyrene	52	ug/Kg	J
SEE09100945RCM1	9/10/2010	Pyrene	52	ug/Kg	UU
SEE08271536TWH1	8/27/2010	Pyrene	51	ug/kg	J
SEB08281400JLS1	8/28/2010	Pyrene	49	ug/kg	J
SEE09051500JAW1	9/5/2010	Pyrene	47	ug/Kg	
SEF10221050MAE3	10/22/2010	Pyrene	46	ug/Kg	U
SEE09200911RCM1	9/20/2010	Pyrene	46	ug/Kg	U
SEF10191135NAC3	10/19/2010	Pyrene	44	ug/Kg	U
SEF10081108TDF3	10/8/2010	Pyrene	43	ug/Kg	U
SEE10011043RCM1	10/1/2010	Pyrene	43	ug/Kg	U
SEF10151030PMB3	10/15/2010	Pyrene	42	ug/Kg	U
SEF10121130PMB3	10/12/2010	Pyrene	42	ug/Kg	U
SEE10081035ARM1	10/8/2010	Pyrene	41	ug/Kg	J
SEE10051145RCM1	10/5/2010	Pyrene	40	ug/Kg	U
SEE09080930JRP1	9/8/2010	Pyrene	40	ug/Kg	U
SEF09281139TDF1	9/28/2010	Pyrene	39	ug/Kg	U
SEE10181030JWP1	10/18/2010	Pyrene	37	ug/Kg	U
SEF10051206TDF3	10/5/2010	Pyrene	37	ug/Kg	J
SEE08301100JRP1	8/30/2010	Pyrene	30	ug/Kg	J
SEE09281445RCM1	9/28/2010	Pyrene	21	ug/Kg	J
SEE09170935RCM1	9/17/2010	Pyrene	19	ug/Kg	J
SEE10131035ARM1	10/13/2010	Pyrene	18	ug/Kg	J
SEE09011515JAW1	9/1/2010	Pyrene	18	ug/Kg	J *
SEE09221045ARM1	9/22/2010	Pyrene	15	ug/Kg	J
SEB09011143JLS1	9/1/2010	Pyrene	15	ug/Kg	J
ML-03-S-082510	8/25/2010	Pyrene	2.4	mg/Kg	
ML-03-S-082310	8/23/2010	Pyrene	2.4	mg/Kg	
ML-05-S-082310	8/23/2010	Pyrene	2.4	mg/Kg	
ML-04-S-082010	8/20/2010	Pyrene	2.2	mg/Kg	
ML-05-S-081710	8/17/2010	Pyrene	2.2	mg/Kg	
ML-03-S-081610	8/16/2010	Pyrene	2.2	mg/Kg	
ML-02-S-082310	8/23/2010	Pyrene	1.9	mg/Kg	
ML-03-S-082010	8/20/2010	Pyrene	1.8	mg/Kg	
ML-04-S-081710	8/17/2010	Pyrene	1.8	mg/Kg	
ML-02-S-082510	8/25/2010	Pyrene	1.7	mg/Kg	
ML-04-S-082410	8/24/2010	Pyrene	1.7	mg/Kg	J
ML-05-S-082010	8/20/2010	Pyrene	1.6	mg/Kg	
ML-04-S-082610	8/26/2010	Pyrene	1.5	mg/Kg	
ML-01-S-082510	8/25/2010	Pyrene	1.4	mg/Kg	
ML-01-S-081610	8/16/2010	Pyrene	1.4	mg/Kg	
ML-02-S-082010	8/20/2010	Pyrene	1.3	mg/Kg	
ML-05-S-082610	8/26/2010	Pyrene	1.2	mg/Kg	
ML-01-S-081910	8/19/2010	Pyrene	1.2	mg/Kg	
ML-02-S-081710	8/17/2010	Pyrene	1.2	mg/Kg	
ML-01-S-082110	8/21/2010	Pyrene	1.0	mg/Kg	
ML-07-S-082410	8/24/2010	Pyrene	0.83	mg/Kg	J
ML-07-S-082110	8/21/2010	Pyrene	0.75	mg/Kg	
ML-08-S-082510	8/25/2010	Pyrene	0.69	mg/Kg	
ML-07-S-082510	8/25/2010	Pyrene	0.66	mg/Kg	
ML-06-S-082510	8/25/2010	Pyrene	0.61	mg/Kg	
ML-10-S-081910	8/19/2010	Pyrene	0.61	mg/Kg	
ML-10-S-081910	8/19/2010	Pyrene	0.61	mg/Kg	
ML-06-S-081710	8/17/2010	Pyrene	0.57	mg/Kg	
ML-07-S-081810	8/18/2010	Pyrene	0.56	mg/Kg	J
ML-10-S-081610	8/16/2010	Pyrene	0.56	mg/Kg	
ML-10-S-081610	8/16/2010	Pyrene	0.56	mg/Kg	

**TABLE B-2b**  
**Upstream Sediment Samples (Morrow Lake)**

Sample ID	Sample Date	Analyte	Result	Unit	Data Qualifier
ML-09-S-081810	8/18/2010	Pyrene	0.50	mg/Kg	J
ML-09-S-082110	8/21/2010	Pyrene	0.49	mg/Kg	
ML-06-S-082310	8/23/2010	Pyrene	0.48	mg/Kg	
ML-08-S-081610	8/16/2010	Pyrene	0.48	mg/Kg	
ML-10-S-082610	8/26/2010	Pyrene	0.45	mg/Kg	
ML-10-S-082610	8/26/2010	Pyrene	0.45	mg/Kg	
ML-10-S-082110	8/21/2010	Pyrene	0.44	mg/Kg	
ML-10-S-082110	8/21/2010	Pyrene	0.44	mg/Kg	
ML-09-S-082410	8/24/2010	Pyrene	0.43	mg/Kg	J
ML-07-S-081610	8/16/2010	Pyrene	0.43	mg/Kg	
ML-09-S-082510	8/25/2010	Pyrene	0.38	mg/Kg	
ML-10-S-082410	8/24/2010	Pyrene	0.36	mg/Kg	J
ML-10-S-082410	8/24/2010	Pyrene	0.36	mg/Kg	J
ML-06-S-082010	8/20/2010	Pyrene	0.35	mg/Kg	
ML-08-S-082410	8/24/2010	Pyrene	0.31	mg/Kg	J
ML-08-S-082110	8/21/2010	Pyrene	0.28	mg/Kg	
SEB09011143JLS1	9/1/2010	Selenium	3300	ug/Kg	U
SEE09171415PML1	9/17/2010	Selenium	2900	ug/Kg	B
SEE09170839RCM1	9/17/2010	Selenium	2700	ug/Kg	B
SEE08281630RCM1	8/28/2010	Selenium	2630	ug/kg	U
SEE09031645MHS1	9/3/2010	Selenium	2500	ug/Kg	U
SEE09031100PML1	9/3/2010	Selenium	2400	ug/Kg	U
SEE08311420PML1	8/31/2010	Selenium	2400	ug/Kg	U
SEE08311420PML1	8/31/2010	Selenium	2400	ug/Kg	U
SEE10151355ARM1	10/15/2010	Selenium	2300	ug/Kg	J
SEE10181510JDF1	10/18/2010	Selenium	2200	ug/Kg	U
SEE10181510JDF1	10/18/2010	Selenium	2200	ug/Kg	U
SEE10150945JDF1	10/15/2010	Selenium	2200	ug/Kg	J
SEE10151055ARM1	10/15/2010	Selenium	2200	ug/Kg	J
SEE10121155JDF1	10/12/2010	Selenium	2200	ug/Kg	UU
SEE09101022PML1	9/10/2010	Selenium	2200	ug/Kg	J
SEE09031650PML1	9/3/2010	Selenium	2200	ug/Kg	U
SEE09031650PML1	9/3/2010	Selenium	2200	ug/Kg	U
SEE08311045PML1	8/31/2010	Selenium	2200	ug/Kg	U
SEE09041350PML1	9/4/2010	Selenium	2100	ug/Kg	U
SEE09031140MHS1	9/3/2010	Selenium	2100	ug/Kg	U
SEE08261620RCM1	8/26/2010	Selenium	2010	ug/kg	J
SEE09171445RCM1	9/17/2010	Selenium	2000	ug/Kg	B
SEE09171530PML1	9/17/2010	Selenium	2000	ug/Kg	B
SEE09101215PML1	9/10/2010	Selenium	2000	ug/Kg	J
SEE09081020RCM1	9/8/2010	Selenium	2000	ug/Kg	J
SEE09061500PML1	9/6/2010	Selenium	2000	ug/Kg	J
SEE10071205PML1	10/7/2010	Selenium	1900	ug/Kg	
SEE10031425JDF1	10/3/2010	Selenium	1900	ug/Kg	J
SEE09151145PML1	9/15/2010	Selenium	1900	ug/Kg	U
SEE09151145PML1	9/15/2010	Selenium	1900	ug/Kg	U
SEE08291110PML1	8/29/2010	Selenium	1860	ug/kg	U
SEE09260930RCM1	9/26/2010	Selenium	1800	ug/Kg	J
SEE09221440JDF1	9/22/2010	Selenium	1800	ug/Kg	J
SEE09170945PML1	9/17/2010	Selenium	1800	ug/Kg	B
SEE09121450PML1	9/12/2010	Selenium	1800	ug/Kg	J
SEE09091145PML1	9/9/2010	Selenium	1800	ug/Kg	J
SEE09051015PML1	9/5/2010	Selenium	1800	ug/Kg	U
SEE09051430PML1	9/5/2010	Selenium	1800	ug/Kg	U
SEE10071101PML1	10/7/2010	Selenium	1700	ug/Kg	J
SEE09220935RCM1	9/22/2010	Selenium	1700	ug/Kg	J
SEE09171125PML1	9/17/2010	Selenium	1700	ug/Kg	U
SEE09131125PML1	9/13/2010	Selenium	1700	ug/Kg	J
SEE09091515PML1	9/9/2010	Selenium	1700	ug/Kg	J
SEE09091605PML1	9/9/2010	Selenium	1700	ug/Kg	J

**TABLE B-2b**  
**Upstream Sediment Samples (Morrow Lake)**

Sample ID	Sample Date	Analyte	Result	Unit	Data Qualifier
SEE09031115JAW1	9/3/2010	Selenium	1700	ug/Kg	U
SEE08281510TWH1	8/28/2010	Selenium	1690	ug/kg	U
SEE10081231PML1	10/8/2010	Selenium	1600	ug/Kg	J
SEE10071540PML1	10/7/2010	Selenium	1600	ug/Kg	J
SEE10041050JDF1	10/4/2010	Selenium	1600	ug/Kg	J
SEE10041335JDF1	10/4/2010	Selenium	1600	ug/Kg	J
SEE09301205RCM1	9/30/2010	Selenium	1600	ug/Kg	J
SEE09271130JDF1	9/27/2010	Selenium	1600	ug/Kg	J
SEE09151015PML1	9/15/2010	Selenium	1600	ug/Kg	U
SEE09131505PML1	9/13/2010	Selenium	1600	ug/Kg	J
SEE09121436RCM1	9/12/2010	Selenium	1600	ug/Kg	J
SEE09101625PML1	9/10/2010	Selenium	1600	ug/Kg	J
SEE09091410RCM1	9/9/2010	Selenium	1600	ug/Kg	J
SEE09061525MHS1	9/6/2010	Selenium	1600	ug/Kg	J
SEE08271500PML1	8/27/2010	Selenium	1570	ug/kg	J
SEE08281420TWH1	8/28/2010	Selenium	1560	ug/kg	J
SEE10111011JDF1	10/11/2010	Selenium	1500	ug/Kg	U
SEE10051125PML1	10/5/2010	Selenium	1500	ug/Kg	J
SEE10041138RCM1	10/4/2010	Selenium	1500	ug/Kg	J
SEE10041355ARM1	10/4/2010	Selenium	1500	ug/Kg	J
SEE09291035JDF1	9/29/2010	Selenium	1500	ug/Kg	J
SEE09271515JDF1	9/27/2010	Selenium	1500	ug/Kg	J
SEE09130940PML1	9/13/2010	Selenium	1500	ug/Kg	J
SEE09130955JRP1	9/13/2010	Selenium	1500	ug/Kg	J
SEE09131620PML1	9/13/2010	Selenium	1500	ug/Kg	J
SEE09091025JRP1	9/9/2010	Selenium	1500	ug/Kg	J
SEE08281505PML1	8/28/2010	Selenium	1450	ug/kg	J
SEE10040945JDF1	10/4/2010	Selenium	1400	ug/Kg	J
SEE09290925JDF1	9/29/2010	Selenium	1400	ug/Kg	J
SEE09250905RCM1	9/25/2010	Selenium	1400	ug/Kg	J
SEE09231645JDF1	9/23/2010	Selenium	1400	ug/Kg	J
SEE09161045PML1	9/16/2010	Selenium	1400	ug/Kg	J
SEE09131026RCM1	9/13/2010	Selenium	1400	ug/Kg	J
SEE09121105RCM1	9/12/2010	Selenium	1400	ug/Kg	J
SEE09090900JRP1	9/9/2010	Selenium	1400	ug/Kg	J
SEE09091010PML1	9/9/2010	Selenium	1400	ug/Kg	J
SEE09091410PML1	9/9/2010	Selenium	1400	ug/Kg	J
SEE09081205PML1	9/8/2010	Selenium	1400	ug/Kg	J
SEE09071050PML1	9/7/2010	Selenium	1400	ug/Kg	J
SEE09061105PML1	9/6/2010	Selenium	1400	ug/Kg	J
SEE09061130MHS1	9/6/2010	Selenium	1400	ug/Kg	J
SEE09021400PML1	9/2/2010	Selenium	1400	ug/Kg	J
SEE08281607TWH1	8/28/2010	Selenium	1330	ug/kg	J
SEE08261420RCM1	8/26/2010	Selenium	1320	ug/kg	J
SEE10081051RCM1	10/8/2010	Selenium	1300	ug/Kg	J
SEE10061051RCM1	10/6/2010	Selenium	1300	ug/Kg	J
SEE10051653PML1	10/5/2010	Selenium	1300	ug/Kg	J
SEE10041150JDF1	10/4/2010	Selenium	1300	ug/Kg	J
SEE09301105JDF1	9/30/2010	Selenium	1300	ug/Kg	J
SEE09251135JDF1	9/25/2010	Selenium	1300	ug/Kg	J
SEE09231130ARM1	9/23/2010	Selenium	1300	ug/Kg	J
SEE09221615JDF1	9/22/2010	Selenium	1300	ug/Kg	J
SEE09111015PML1	9/11/2010	Selenium	1300	ug/Kg	J
SEE09091005RCM1	9/9/2010	Selenium	1300	ug/Kg	J
SEE09011545PML1	9/1/2010	Selenium	1300	ug/Kg	J
SEE10161530JDF1	10/16/2010	Selenium	1200	ug/Kg	J
SEE10111350JDF1	10/11/2010	Selenium	1200	ug/Kg	U
SEE10081115PML1	10/8/2010	Selenium	1200	ug/Kg	J
SEE10071042RCM1	10/7/2010	Selenium	1200	ug/Kg	J
SEE10071415ARM1	10/7/2010	Selenium	1200	ug/Kg	J

**TABLE B-2b**  
**Upstream Sediment Samples (Morrow Lake)**

Sample ID	Sample Date	Analyte	Result	Unit	Data Qualifier
SEE09301255MAE1	9/30/2010	Selenium	1200	ug/Kg	J
SEE09291023RCM1	9/29/2010	Selenium	1200	ug/Kg	J
SEE09271025ARM1	9/27/2010	Selenium	1200	ug/Kg	J
SEE09261215JDF1	9/26/2010	Selenium	1200	ug/Kg	J
SEE09230955RCM1	9/23/2010	Selenium	1200	ug/Kg	J
SEE09231210JDF1	9/23/2010	Selenium	1200	ug/Kg	J
SEE09221105JDF1	9/22/2010	Selenium	1200	ug/Kg	J
SEE09191445RCM1	9/19/2010	Selenium	1200	ug/Kg	J
SEE09011050PML1	9/1/2010	Selenium	1200	ug/Kg	J
SEE09011545MHS1	9/1/2010	Selenium	1200	ug/Kg	J
SEE08311010JRP1	8/31/2010	Selenium	1200	ug/Kg	J
SEE10111125JDF1	10/11/2010	Selenium	1100	ug/Kg	U
SEE10031115JDF1	10/3/2010	Selenium	1100	ug/Kg	J
SEE10031115JDF1	10/3/2010	Selenium	1100	ug/Kg	J
SEE10011120JDF1	10/1/2010	Selenium	1100	ug/Kg	J
SEE09261625JDF1	9/26/2010	Selenium	1100	ug/Kg	J
SEE09261625JDF1	9/26/2010	Selenium	1100	ug/Kg	J
SEE09211155JDF1	9/21/2010	Selenium	1100	ug/Kg	J
SEE09211530JDF1	9/21/2010	Selenium	1100	ug/Kg	J
SEE09141135PML1	9/14/2010	Selenium	1100	ug/Kg	J
SEE09081010PML1	9/8/2010	Selenium	1100	ug/Kg	J
SEE09051500MHS1	9/5/2010	Selenium	1100	ug/Kg	U
SEE08300920JRP1	8/30/2010	Selenium	1100	ug/Kg	J
SEE08301445JRP1	8/30/2010	Selenium	1100	ug/Kg	J
SEE08301530JAW1	8/30/2010	Selenium	1100	ug/Kg	J
SEE08301638MHS1	8/30/2010	Selenium	1100	ug/Kg	J
SEE08271215PML1	8/27/2010	Selenium	1090	ug/kg	J
SEE08291354KAP1	8/29/2010	Selenium	1050	ug/kg	U
SEE09191040PML1	9/19/2010	Selenium	1000	ug/Kg	J
SEE09131445RCM1	9/13/2010	Selenium	1000	ug/Kg	J
SEE09021010PML1	9/2/2010	Selenium	1000	ug/Kg	J
SEE08301015JRP1	8/30/2010	Selenium	1000	ug/Kg	J
SEE08301520JRP1	8/30/2010	Selenium	1000	ug/Kg	J
SEE09181235PML1	9/18/2010	Selenium	990	ug/Kg	J
SEE10141555ARM1	10/14/2010	Selenium	980	ug/Kg	J
SEE09121055PML1	9/12/2010	Selenium	980	ug/Kg	J
SEE09121055PML1	9/12/2010	Selenium	980	ug/Kg	J
SEE09011145PML1	9/1/2010	Selenium	970	ug/Kg	J
SEE09011255PML1	9/1/2010	Selenium	950	ug/Kg	J
SEE08271145RCM1	8/27/2010	Selenium	948	ug/kg	J
SEE09011635PML1	9/1/2010	Selenium	930	ug/Kg	J
SEE09051550MHS1	9/5/2010	Selenium	920	ug/Kg	J
SEE08301130PML1	8/30/2010	Selenium	920	ug/Kg	J
SEE10061205PML1	10/6/2010	Selenium	910	ug/Kg	J
SEE10161115ARM1	10/16/2010	Selenium	900	ug/Kg	J
SEE08281215PML1	8/28/2010	Selenium	888	ug/kg	J
SEE10061640PML1	10/6/2010	Selenium	880	ug/Kg	J
SEE10061640PML1	10/6/2010	Selenium	880	ug/Kg	J
SEE08271614TWH1	8/27/2010	Selenium	872	ug/kg	U
SEE08291445PML1	8/29/2010	Selenium	861	ug/kg	U
SEE10091401PML1	10/9/2010	Selenium	860	ug/Kg	J
SEE09141312RCM1	9/14/2010	Selenium	860	ug/Kg	J
SEE10171115JDF1	10/17/2010	Selenium	850	ug/Kg	J
SEE10161055JDF1	10/16/2010	Selenium	850	ug/Kg	J
SEE09201645ARM1	9/20/2010	Selenium	850	ug/Kg	J
SEE08291421KAP1	8/29/2010	Selenium	838	ug/kg	J
SEE09301255JDF1	9/30/2010	Selenium	830	ug/Kg	J
SEE08301145MHS1	8/30/2010	Selenium	830	ug/Kg	J
SEE08261445JRP1	8/26/2010	Selenium	830	ug/Kg	J
SEE10181430JWP1	10/18/2010	Selenium	810	ug/Kg	J



**TABLE B-2b**  
**Upstream Sediment Samples (Morrow Lake)**

Sample ID	Sample Date	Analyte	Result	Unit	Data Qualifier
SEE10071151RCM1	10/7/2010	Selenium	800	ug/Kg	J
SEE10121415ARM1	10/12/2010	Selenium	790	ug/Kg	J
SEE09291135JDF1	9/29/2010	Selenium	790	ug/Kg	J
SEE08261700JRP1	8/26/2010	Selenium	790	ug/Kg	U
SEE09051130PML1	9/5/2010	Selenium	770	ug/Kg	J
SEE10120930JDF1	10/12/2010	Selenium	760	ug/Kg	J
SEE10041530JDF1	10/4/2010	Selenium	750	ug/Kg	J
SEE09140945PML1	9/14/2010	Selenium	750	ug/Kg	J
SEE09141515PML1	9/14/2010	Selenium	750	ug/Kg	J
SEE09181705PML1	9/18/2010	Selenium	740	ug/Kg	J
SEE10141550JDF1	10/14/2010	Selenium	730	ug/Kg	J
SEE10141550JDF1	10/14/2010	Selenium	730	ug/Kg	J
SEE10081035ARM1	10/8/2010	Selenium	720	ug/Kg	U
SEE08271445JRP1	8/27/2010	Selenium	711	ug/kg	U
SEE10171410JDF1	10/17/2010	Selenium	710	ug/Kg	J
SEE09030925PML1	9/3/2010	Selenium	710	ug/Kg	J
SEE08301410JRP1	8/30/2010	Selenium	710	ug/Kg	U
SEE09200911RCM1	9/20/2010	Selenium	700	ug/Kg	U
SEE09201110ARM1	9/20/2010	Selenium	700	ug/Kg	U
SEE09140945JRP1	9/14/2010	Selenium	700	ug/Kg	U
SEE08271536TWH1	8/27/2010	Selenium	697	ug/kg	U
SEE10121030JDF1	10/12/2010	Selenium	690	ug/Kg	J
SEE10141150JDF1	10/14/2010	Selenium	670	ug/Kg	J
SEE10131150JDF1	10/13/2010	Selenium	670	ug/Kg	J
SEE08271652TWH1	8/27/2010	Selenium	663	ug/kg	J
SEB08281400JLS1	8/28/2010	Selenium	662	ug/kg	U
SEE09281445RCM1	9/28/2010	Selenium	660	ug/Kg	U
SEE08281540JRP1	8/28/2010	Selenium	655	ug/kg	U
SEE10141025ARM1	10/14/2010	Selenium	650	ug/Kg	J
SEF10121130PMB3	10/12/2010	Selenium	650	ug/Kg	UU
SEE09051500JAW1	9/5/2010	Selenium	650	ug/Kg	U
SEE09191530PML1	9/19/2010	Selenium	640	ug/Kg	J
SEE09040950PML1	9/4/2010	Selenium	640	ug/Kg	J
SEE08291550KAP1	8/29/2010	Selenium	634	ug/kg	J
SEE10011043RCM1	10/1/2010	Selenium	630	ug/Kg	U
SEE10141015JDF1	10/14/2010	Selenium	620	ug/Kg	J
SEE10181210JDF1	10/18/2010	Selenium	610	ug/Kg	J
SEE10161415JDF1	10/16/2010	Selenium	610	ug/Kg	J
SEE10131035ARM1	10/13/2010	Selenium	600	ug/Kg	U
SEE10101215PML1	10/10/2010	Selenium	600	ug/Kg	J
SEE10101215PML1	10/10/2010	Selenium	600	ug/Kg	J
SEE10061135ARM1	10/6/2010	Selenium	600	ug/Kg	U
SEE10051415ARM1	10/5/2010	Selenium	600	ug/Kg	J
SEF10051206TDF3	10/5/2010	Selenium	600	ug/Kg	U
SEE08301550PML1	8/30/2010	Selenium	600	ug/Kg	J
SEE10121040ARM1	10/12/2010	Selenium	590	ug/Kg	UU
SEE09011515JAW1	9/1/2010	Selenium	580	ug/Kg	U
SEF09281139TDF1	9/28/2010	Selenium	550	ug/Kg	U
SEE09161035RCM1	9/16/2010	Selenium	550	ug/Kg	J
SEE10181030JWP1	10/18/2010	Selenium	540	ug/Kg	U
SEE10170915JDF1	10/17/2010	Selenium	540	ug/Kg	J
SEE10091614PML1	10/9/2010	Selenium	540	ug/Kg	J
SEE09211112RCM1	9/21/2010	Selenium	540	ug/Kg	J
SEE09061610JAW1	9/6/2010	Selenium	540	ug/Kg	J
SEE10101010PML1	10/10/2010	Selenium	530	ug/Kg	J
SEE09201115RCM1	9/20/2010	Selenium	520	ug/Kg	J
SEE10181035JDF1	10/18/2010	Selenium	510	ug/Kg	J
SEE09200945PML1	9/20/2010	Selenium	510	ug/Kg	J
SEE09200945PML1	9/20/2010	Selenium	510	ug/Kg	J
SEE10091200ARM1	10/9/2010	Selenium	490	ug/Kg	U

**TABLE B-2b**  
**Upstream Sediment Samples (Morrow Lake)**

Sample ID	Sample Date	Analyte	Result	Unit	Data Qualifier
SEE09171200ARM1	9/17/2010	Selenium	420	ug/Kg	U
SEE09291645JDF1	9/29/2010	Selenium	410	ug/Kg	J
SEE08311348MHS1	8/31/2010	Selenium	410	ug/Kg	J
SEE10171535ARM1	10/17/2010	Selenium	400	ug/Kg	J
SEE10011125ARM1	10/1/2010	Selenium	400	ug/Kg	J
SEF10151030PMB3	10/15/2010	Selenium	390	ug/Kg	J
SEE10071045ARM1	10/7/2010	Selenium	390	ug/Kg	J
SEE09130915JRP1	9/13/2010	Selenium	390	ug/Kg	J
SEE09271500ARM1	9/27/2010	Selenium	330	ug/Kg	J
SEE09211120ARM1	9/21/2010	Selenium	320	ug/Kg	J
SEE09100920JRP1	9/10/2010	Selenium	310	ug/Kg	J
SEE09251235ARM1	9/25/2010	Selenium	300	ug/Kg	J
SEE09150915JRP1	9/15/2010	Selenium	290	ug/Kg	U
SEE09070930JRP1	9/7/2010	Selenium	260	ug/Kg	J
SEE08301100JRP1	8/30/2010	Selenium	250	ug/Kg	J
SEF10011045TDF1	10/1/2010	Selenium	240	ug/Kg	J
SEE10041045ARM1	10/4/2010	Selenium	230	ug/Kg	J
SEE09290915MAE1	9/29/2010	Selenium	230	ug/Kg	J
SEE09231205RCM1	9/23/2010	Selenium	220	ug/Kg	J
SEE09100945RCM1	9/10/2010	Selenium	210	ug/Kg	J
SEE09080930JRP1	9/8/2010	Selenium	200	ug/Kg	J
SEE09301025MAE1	9/30/2010	Selenium	190	ug/Kg	J
SEE09231035ARM1	9/23/2010	Selenium	170	ug/Kg	J
SEE09221045ARM1	9/22/2010	Selenium	170	ug/Kg	J
SEF10081108TDF3	10/8/2010	Selenium	140	ug/Kg	J
SEE10051145RCM1	10/5/2010	Selenium	140	ug/Kg	J
SEE09170935RCM1	9/17/2010	Selenium	140	ug/Kg	U
SEE10121415ARM1	10/12/2010	Silver	4300	ug/Kg	
SEE10151055ARM1	10/15/2010	Silver	3700	ug/Kg	
SEE10151355ARM1	10/15/2010	Silver	3700	ug/Kg	
SEE10181430JWP1	10/18/2010	Silver	3200	ug/Kg	B
SEE08301445JRP1	8/30/2010	Silver	3200	ug/Kg	
SEE09291035JDF1	9/29/2010	Silver	2900	ug/Kg	
SEE08301520JRP1	8/30/2010	Silver	2800	ug/Kg	
SEE09090900JRP1	9/9/2010	Silver	2700	ug/Kg	
SEE08301015JRP1	8/30/2010	Silver	2600	ug/Kg	
SEE10141555ARM1	10/14/2010	Silver	2300	ug/Kg	
SEE10161115ARM1	10/16/2010	Silver	1900	ug/Kg	
SEE09091005RCM1	9/9/2010	Silver	1700	ug/Kg	
SEE09061130MHS1	9/6/2010	Silver	1700	ug/Kg	
SEB09011143JLS1	9/1/2010	Silver	1600	ug/Kg	U
SEE08291421KAP1	8/29/2010	Silver	1530	ug/kg	
SEE10131150JDF1	10/13/2010	Silver	1400	ug/Kg	
SEE10061051RCM1	10/6/2010	Silver	1400	ug/Kg	
SEE10051415ARM1	10/5/2010	Silver	1400	ug/Kg	
SEE09131026RCM1	9/13/2010	Silver	1400	ug/Kg	
SEE10081051RCM1	10/8/2010	Silver	1300	ug/Kg	
SEE10071042RCM1	10/7/2010	Silver	1300	ug/Kg	
SEE10051125PML1	10/5/2010	Silver	1300	ug/Kg	J
SEE10041138RCM1	10/4/2010	Silver	1300	ug/Kg	
SEE09230955RCM1	9/23/2010	Silver	1300	ug/Kg	
SEE09191445RCM1	9/19/2010	Silver	1300	ug/Kg	B
SEE09170839RCM1	9/17/2010	Silver	1300	ug/Kg	
SEE09161035RCM1	9/16/2010	Silver	1300	ug/Kg	
SEE09131445RCM1	9/13/2010	Silver	1300	ug/Kg	
SEE09121436RCM1	9/12/2010	Silver	1300	ug/Kg	
SEE09101215PML1	9/10/2010	Silver	1300	ug/Kg	
SEE09101625PML1	9/10/2010	Silver	1300	ug/Kg	
SEE09011545MHS1	9/1/2010	Silver	1300	ug/Kg	
SEE08301130PML1	8/30/2010	Silver	1300	ug/Kg	

**TABLE B-2b**  
**Upstream Sediment Samples (Morrow Lake)**

Sample ID	Sample Date	Analyte	Result	Unit	Data Qualifier
SEE08301550PML1	8/30/2010	Silver	1300	ug/Kg	
SEE10181035JDF1	10/18/2010	Silver	1200	ug/Kg	B
SEE10171410JDF1	10/17/2010	Silver	1200	ug/Kg	
SEE10141015JDF1	10/14/2010	Silver	1200	ug/Kg	
SEE10071415ARM1	10/7/2010	Silver	1200	ug/Kg	
SEE10051653PML1	10/5/2010	Silver	1200	ug/Kg	
SEE09301105JDF1	9/30/2010	Silver	1200	ug/Kg	J
SEE09260930RCM1	9/26/2010	Silver	1200	ug/Kg	
SEE09251135JDF1	9/25/2010	Silver	1200	ug/Kg	
SEE09220935RCM1	9/22/2010	Silver	1200	ug/Kg	
SEE09201115RCM1	9/20/2010	Silver	1200	ug/Kg	J
SEE09191040PML1	9/19/2010	Silver	1200	ug/Kg	B
SEE09181235PML1	9/18/2010	Silver	1200	ug/Kg	
SEE09141135PML1	9/14/2010	Silver	1200	ug/Kg	
SEE09141515PML1	9/14/2010	Silver	1200	ug/Kg	
SEE09121105RCM1	9/12/2010	Silver	1200	ug/Kg	J
SEE09091410RCM1	9/9/2010	Silver	1200	ug/Kg	J
SEE09061500PML1	9/6/2010	Silver	1200	ug/Kg	J
SEE09030925PML1	9/3/2010	Silver	1200	ug/Kg	J
SEE09031140MHS1	9/3/2010	Silver	1200	ug/Kg	
SEE09021400PML1	9/2/2010	Silver	1200	ug/Kg	J
SEE08301638MHS1	8/30/2010	Silver	1200	ug/Kg	
SEE10181210JDF1	10/18/2010	Silver	1100	ug/Kg	B
SEE10011120JDF1	10/1/2010	Silver	1100	ug/Kg	
SEE09291023RCM1	9/29/2010	Silver	1100	ug/Kg	
SEE09261215JDF1	9/26/2010	Silver	1100	ug/Kg	
SEE09231645JDF1	9/23/2010	Silver	1100	ug/Kg	J
SEE09191530PML1	9/19/2010	Silver	1100	ug/Kg	B
SEE09181705PML1	9/18/2010	Silver	1100	ug/Kg	
SEE09101022PML1	9/10/2010	Silver	1100	ug/Kg	J
SEE09091145PML1	9/9/2010	Silver	1100	ug/Kg	
SEE09071050PML1	9/7/2010	Silver	1100	ug/Kg	
SEE09021010PML1	9/2/2010	Silver	1100	ug/Kg	J
SEE08261620RCM1	8/26/2010	Silver	1070	ug/kg	J
SEE08261420RCM1	8/26/2010	Silver	1010	ug/kg	J
SEE10101010PML1	10/10/2010	Silver	1000	ug/Kg	
SEE10091401PML1	10/9/2010	Silver	1000	ug/Kg	J
SEE10081115PML1	10/8/2010	Silver	1000	ug/Kg	J
SEE09301255JDF1	9/30/2010	Silver	1000	ug/Kg	J
SEE09271025ARM1	9/27/2010	Silver	1000	ug/Kg	
SEE09171445RCM1	9/17/2010	Silver	1000	ug/Kg	
SEE09151015PML1	9/15/2010	Silver	1000	ug/Kg	J
SEE09081020RCM1	9/8/2010	Silver	1000	ug/Kg	J
SEE09061525MHS1	9/6/2010	Silver	1000	ug/Kg	J
SEE09051550MHS1	9/5/2010	Silver	1000	ug/Kg	J
SEE08301145MHS1	8/30/2010	Silver	1000	ug/Kg	J
SEE09081010PML1	9/8/2010	Silver	990	ug/Kg	J
SEE10171115JDF1	10/17/2010	Silver	980	ug/Kg	J
SEE10111125JDF1	10/11/2010	Silver	980	ug/Kg	J
SEE09140945PML1	9/14/2010	Silver	980	ug/Kg	U
SEE09081205PML1	9/8/2010	Silver	980	ug/Kg	J
SEE08311420PML1	8/31/2010	Silver	980	ug/Kg	J
SEE08311420PML1	8/31/2010	Silver	980	ug/Kg	J
SEE09121055PML1	9/12/2010	Silver	970	ug/Kg	J
SEE09121055PML1	9/12/2010	Silver	970	ug/Kg	J
SEE09111015PML1	9/11/2010	Silver	970	ug/Kg	J
SEE09031645MHS1	9/3/2010	Silver	970	ug/Kg	J
SEE09031100PML1	9/3/2010	Silver	960	ug/Kg	J
SEE08311045PML1	8/31/2010	Silver	960	ug/Kg	J
SEE10141550JDF1	10/14/2010	Silver	940	ug/Kg	J

**TABLE B-2b**  
**Upstream Sediment Samples (Morrow Lake)**

Sample ID	Sample Date	Analyte	Result	Unit	Data Qualifier
SEE10141550JDF1	10/14/2010	Silver	940	ug/Kg	J
SEE10141150JDF1	10/14/2010	Silver	930	ug/Kg	J
SEE10091614PML1	10/9/2010	Silver	930	ug/Kg	J
SEE09200945PML1	9/20/2010	Silver	930	ug/Kg	J
SEE09200945PML1	9/20/2010	Silver	930	ug/Kg	J
SEE10101215PML1	10/10/2010	Silver	910	ug/Kg	J
SEE10101215PML1	10/10/2010	Silver	910	ug/Kg	J
SEE09151145PML1	9/15/2010	Silver	900	ug/Kg	J
SEE09151145PML1	9/15/2010	Silver	900	ug/Kg	J
SEE09121450PML1	9/12/2010	Silver	900	ug/Kg	J
SEE10031115JDF1	10/3/2010	Silver	880	ug/Kg	J
SEE10031115JDF1	10/3/2010	Silver	880	ug/Kg	J
SEE09161045PML1	9/16/2010	Silver	880	ug/Kg	J
SEE08281607TWH1	8/28/2010	Silver	863	ug/kg	J
SEE09231210JDF1	9/23/2010	Silver	850	ug/Kg	J
SEE09211112RCM1	9/21/2010	Silver	850	ug/Kg	J
SEE09261625JDF1	9/26/2010	Silver	840	ug/Kg	J
SEE09261625JDF1	9/26/2010	Silver	840	ug/Kg	J
SEE09171125PML1	9/17/2010	Silver	840	ug/Kg	J
SEE09031650PML1	9/3/2010	Silver	830	ug/Kg	J
SEE09031650PML1	9/3/2010	Silver	830	ug/Kg	J
SEE08301530JAW1	8/30/2010	Silver	830	ug/Kg	J
SEE08281630RCM1	8/28/2010	Silver	823	ug/kg	J
SEE10161055JDF1	10/16/2010	Silver	820	ug/Kg	J
SEE09170945PML1	9/17/2010	Silver	820	ug/Kg	J
SEE09061105PML1	9/6/2010	Silver	800	ug/Kg	J
SEE10041530JDF1	10/4/2010	Silver	790	ug/Kg	J
SEE09301205RCM1	9/30/2010	Silver	790	ug/Kg	J
SEE09271130JDF1	9/27/2010	Silver	790	ug/Kg	J
SEE09250905RCM1	9/25/2010	Silver	790	ug/Kg	J
SEE09131505PML1	9/13/2010	Silver	790	ug/Kg	J
SEE10071205PML1	10/7/2010	Silver	780	ug/Kg	J
SEE10061205PML1	10/6/2010	Silver	780	ug/Kg	J
SEE09051015PML1	9/5/2010	Silver	780	ug/Kg	J
SEE10121155JDF1	10/12/2010	Silver	770	ug/Kg	J
SEE10031425JDF1	10/3/2010	Silver	770	ug/Kg	J
SEE09011545PML1	9/1/2010	Silver	770	ug/Kg	J
SEE08300920JRP1	8/30/2010	Silver	770	ug/Kg	J
SEE09130955JRP1	9/13/2010	Silver	750	ug/Kg	J
SEE10061640PML1	10/6/2010	Silver	740	ug/Kg	J
SEE10061640PML1	10/6/2010	Silver	740	ug/Kg	J
SEE09011050PML1	9/1/2010	Silver	740	ug/Kg	J
SEE08271215PML1	8/27/2010	Silver	735	ug/kg	J
SEE08311010JRP1	8/31/2010	Silver	710	ug/Kg	J
SEE09091515PML1	9/9/2010	Silver	700	ug/Kg	J
SEE10120930JDF1	10/12/2010	Silver	690	ug/Kg	J
SEE10081231PML1	10/8/2010	Silver	690	ug/Kg	J
SEE10040945JDF1	10/4/2010	Silver	680	ug/Kg	J
SEE09221440JDF1	9/22/2010	Silver	680	ug/Kg	J
SEE10150945JDF1	10/15/2010	Silver	670	ug/Kg	J
SEE09211155JDF1	9/21/2010	Silver	670	ug/Kg	J
SEE09130940PML1	9/13/2010	Silver	670	ug/Kg	J
SEE09091025JRP1	9/9/2010	Silver	670	ug/Kg	J
SEE09201645ARM1	9/20/2010	Silver	660	ug/Kg	J
SEE09040950PML1	9/4/2010	Silver	650	ug/Kg	J
SEE10111011JDF1	10/11/2010	Silver	640	ug/Kg	J
SEE09171415PML1	9/17/2010	Silver	640	ug/Kg	J
SEE08291354KAP1	8/29/2010	Silver	631	ug/kg	U
SEE09131125PML1	9/13/2010	Silver	620	ug/Kg	J
SEE09231130ARM1	9/23/2010	Silver	610	ug/Kg	J

**TABLE B-2b**  
**Upstream Sediment Samples (Morrow Lake)**

Sample ID	Sample Date	Analyte	Result	Unit	Data Qualifier
SEE09051430PML1	9/5/2010	Silver	610	ug/Kg	J
SEE10161530JDF1	10/16/2010	Silver	600	ug/Kg	J
SEE09141312RCM1	9/14/2010	Silver	600	ug/Kg	J
SEE10071101PML1	10/7/2010	Silver	590	ug/Kg	J
SEE09091010PML1	9/9/2010	Silver	590	ug/Kg	J
SEE08281510TWH1	8/28/2010	Silver	584	ug/kg	J
SEE08281420TWH1	8/28/2010	Silver	582	ug/kg	J
SEE09271515JDF1	9/27/2010	Silver	570	ug/Kg	J
SEE09221105JDF1	9/22/2010	Silver	570	ug/Kg	J
SEE09211530JDF1	9/21/2010	Silver	570	ug/Kg	J
SEE10041150JDF1	10/4/2010	Silver	560	ug/Kg	J
SEE09011145PML1	9/1/2010	Silver	560	ug/Kg	J
SEE08281505PML1	8/28/2010	Silver	560	ug/kg	J
SEE10071540PML1	10/7/2010	Silver	550	ug/Kg	J
SEE09031115JAW1	9/3/2010	Silver	550	ug/Kg	J
SEE10161415JDF1	10/16/2010	Silver	540	ug/Kg	J
SEE09051130PML1	9/5/2010	Silver	540	ug/Kg	J
SEE08271614TWH1	8/27/2010	Silver	533	ug/kg	
SEE10041355ARM1	10/4/2010	Silver	530	ug/Kg	J
SEE09301255MAE1	9/30/2010	Silver	530	ug/Kg	J
SEE09171530PML1	9/17/2010	Silver	530	ug/Kg	J
SEE09091605PML1	9/9/2010	Silver	530	ug/Kg	J
SEE08261445JRP1	8/26/2010	Silver	530	ug/Kg	J
SEE09221615JDF1	9/22/2010	Silver	520	ug/Kg	J
SEE08291445PML1	8/29/2010	Silver	517	ug/kg	U
SEE09011255PML1	9/1/2010	Silver	510	ug/Kg	J
SEE10111350JDF1	10/11/2010	Silver	500	ug/Kg	J
SEE09291645JDF1	9/29/2010	Silver	500	ug/Kg	J
SEE09131620PML1	9/13/2010	Silver	500	ug/Kg	J
SEE09091410PML1	9/9/2010	Silver	490	ug/Kg	J
SEE09011635PML1	9/1/2010	Silver	490	ug/Kg	J
SEE09041350PML1	9/4/2010	Silver	480	ug/Kg	J
SEE08271145RCM1	8/27/2010	Silver	477	ug/kg	J
SEE08271652TWH1	8/27/2010	Silver	477	ug/kg	U
SEE08281215PML1	8/28/2010	Silver	474	ug/kg	J
SEE08271500PML1	8/27/2010	Silver	474	ug/kg	J
SEE09290925JDF1	9/29/2010	Silver	450	ug/Kg	J
SEE08291550KAP1	8/29/2010	Silver	448	ug/kg	J
SEE10041050JDF1	10/4/2010	Silver	440	ug/Kg	J
SEE08271445JRP1	8/27/2010	Silver	427	ug/kg	U
SEE08271536TWH1	8/27/2010	Silver	418	ug/kg	U
SEB08281400JLS1	8/28/2010	Silver	397	ug/kg	U
SEE08281540JRP1	8/28/2010	Silver	393	ug/kg	U
SEE08291110PML1	8/29/2010	Silver	392	ug/kg	J
SEE10091200ARM1	10/9/2010	Silver	390	ug/Kg	U
SEE09100945RCM1	9/10/2010	Silver	380	ug/Kg	U
SEE08311348MHS1	8/31/2010	Silver	380	ug/Kg	J
SEE10121030JDF1	10/12/2010	Silver	370	ug/Kg	J
SEE09211120ARM1	9/21/2010	Silver	370	ug/Kg	U
SEE10170915JDF1	10/17/2010	Silver	360	ug/Kg	J
SEE10081035ARM1	10/8/2010	Silver	360	ug/Kg	U
SEE09290915MAE1	9/29/2010	Silver	360	ug/Kg	U
SEE10071045ARM1	10/7/2010	Silver	350	ug/Kg	
SEE09200911RCM1	9/20/2010	Silver	350	ug/Kg	UJ
SEE09140945JRP1	9/14/2010	Silver	350	ug/Kg	U
SEE09291135JDF1	9/29/2010	Silver	340	ug/Kg	J
SEE09271500ARM1	9/27/2010	Silver	340	ug/Kg	U
SEE09251235ARM1	9/25/2010	Silver	340	ug/Kg	U
SEE09130915JRP1	9/13/2010	Silver	340	ug/Kg	J
SEF10121130PMB3	10/12/2010	Silver	330	ug/Kg	U

**TABLE B-2b**  
**Upstream Sediment Samples (Morrow Lake)**

Sample ID	Sample Date	Analyte	Result	Unit	Data Qualifier
SEE10041045ARM1	10/4/2010	Silver	330	ug/Kg	U
SEE10041335JDF1	10/4/2010	Silver	330	ug/Kg	J
SEE09281445RCM1	9/28/2010	Silver	330	ug/Kg	U
SEE09150915JRP1	9/15/2010	Silver	330	ug/Kg	U
SEE09100920JRP1	9/10/2010	Silver	330	ug/Kg	U
SEE09051500JAW1	9/5/2010	Silver	330	ug/Kg	U
SEF10151030PMB3	10/15/2010	Silver	320	ug/Kg	U
SEE09231035ARM1	9/23/2010	Silver	320	ug/Kg	U
SEE10181510JDF1	10/18/2010	Silver	310	ug/Kg	U
SEE10181510JDF1	10/18/2010	Silver	310	ug/Kg	U
SEF10081108TDF3	10/8/2010	Silver	310	ug/Kg	U
SEE09301025MAE1	9/30/2010	Silver	310	ug/Kg	U
SEE09221045ARM1	9/22/2010	Silver	310	ug/Kg	U
SEE09170935RCM1	9/17/2010	Silver	310	ug/Kg	U
SEE09070930JRP1	9/7/2010	Silver	310	ug/Kg	U
SEE10131035ARM1	10/13/2010	Silver	300	ug/Kg	U
SEE10121040ARM1	10/12/2010	Silver	300	ug/Kg	U
SEE10061135ARM1	10/6/2010	Silver	300	ug/Kg	U
SEE09080930JRP1	9/8/2010	Silver	300	ug/Kg	U
SEF09281139TDF1	9/28/2010	Silver	280	ug/Kg	U
SEE10181030JWP1	10/18/2010	Silver	270	ug/Kg	U
SEE10141025ARM1	10/14/2010	Silver	260	ug/Kg	J
SEE10071151RCM1	10/7/2010	Silver	240	ug/Kg	J
SEE10171535ARM1	10/17/2010	Silver	220	ug/Kg	J
SEE09061610JAW1	9/6/2010	Silver	220	ug/Kg	J
SEE08301410JRP1	8/30/2010	Silver	190	ug/Kg	J
SEE10011125ARM1	10/1/2010	Silver	160	ug/Kg	J
SEE09051500MHS1	9/5/2010	Silver	140	ug/Kg	J
SEE09171200ARM1	9/17/2010	Silver	110	ug/Kg	J
SEE09201110ARM1	9/20/2010	Silver	100	ug/Kg	J
SEE08261700JRP1	8/26/2010	Silver	100	ug/Kg	J
SEE09231205RCM1	9/23/2010	Silver	97	ug/Kg	J
SEE10011043RCM1	10/1/2010	Silver	86	ug/Kg	J
SEF10051206TDF3	10/5/2010	Silver	68	ug/Kg	J
SEE08301100JRP1	8/30/2010	Silver	66	ug/Kg	J
SEE09011515JAW1	9/1/2010	Silver	54	ug/Kg	J
SEF10011045TDF1	10/1/2010	Silver	53	ug/Kg	J
SEE10051145RCM1	10/5/2010	Silver	49	ug/Kg	J
SEE10211035JDF1	10/21/2010	Styrene	930	ug/Kg	U
SEE10191515JDF1	10/19/2010	Styrene	850	ug/Kg	U
SEE10191005JDF1	10/19/2010	Styrene	820	ug/Kg	U
SEE10211430JDF1	10/21/2010	Styrene	810	ug/Kg	U
SEE10221110JDF1	10/22/2010	Styrene	790	ug/Kg	U
SEE10221110JDF1	10/22/2010	Styrene	790	ug/Kg	U
SEE10191415JDF1	10/19/2010	Styrene	760	ug/Kg	U
SEE10191155JDF1	10/19/2010	Styrene	730	ug/Kg	U
SEE10211010JWP1	10/21/2010	Styrene	710	ug/Kg	U
SEE10191100JDF1	10/19/2010	Styrene	710	ug/Kg	U
SEE10221055DWS1	10/22/2010	Styrene	680	ug/Kg	U
SEE10191010JWP1	10/19/2010	Styrene	680	ug/Kg	U
SEE10221450DWS1	10/22/2010	Styrene	370	ug/Kg	U
SEE10211345JWP1	10/21/2010	Styrene	330	ug/Kg	U
SEF10221050MAE3	10/22/2010	Styrene	230	ug/Kg	U
SEF10191135NAC3	10/19/2010	Styrene	220	ug/Kg	U
SEE10191115JWP1	10/19/2010	Styrene	200	ug/Kg	U
SEE10141015JDF1	10/14/2010	Styrene	140	ug/Kg	U
SEE09200945PML1	9/20/2010	Styrene	60	ug/Kg	U
SEE09200945PML1	9/20/2010	Styrene	60	ug/Kg	U
SEE09201115RCM1	9/20/2010	Styrene	58	ug/Kg	U
SEE09201645ARM1	9/20/2010	Styrene	48	ug/Kg	U

**TABLE B-2b**  
**Upstream Sediment Samples (Morrow Lake)**

Sample ID	Sample Date	Analyte	Result	Unit	Data Qualifier
SEE10071042RCM1	10/7/2010	Styrene	45	ug/Kg	UJ
SEE09061500PML1	9/6/2010	Styrene	45	ug/Kg	U
SEE08281607TWH1	8/28/2010	Styrene	44	ug/kg	U
SEE09301105JDF1	9/30/2010	Styrene	42	ug/Kg	U
SEE09181705PML1	9/18/2010	Styrene	42	ug/Kg	U
SEE09021400PML1	9/2/2010	Styrene	41	ug/Kg	U
SEE08301130PML1	8/30/2010	Styrene	41	ug/Kg	U
SEE10091401PML1	10/9/2010	Styrene	40	ug/Kg	U
SEE10181035JDF1	10/18/2010	Styrene	39	ug/Kg	U
SEE10051125PML1	10/5/2010	Styrene	39	ug/Kg	UJ
SEE08311045PML1	8/31/2010	Styrene	39	ug/Kg	U
SEE10141555ARM1	10/14/2010	Styrene	38	ug/Kg	U
SEE09101215PML1	9/10/2010	Styrene	38	ug/Kg	U
SEE10161530JDF1	10/16/2010	Styrene	37	ug/Kg	U
SEE10081115PML1	10/8/2010	Styrene	37	ug/Kg	UJ
SEE09030925PML1	9/3/2010	Styrene	37	ug/Kg	UJ
SEE09031115JAW1	9/3/2010	Styrene	37	ug/Kg	UJ
SEE08281505PML1	8/28/2010	Styrene	37	ug/kg	U
SEE10171410JDF1	10/17/2010	Styrene	36	ug/Kg	U
SEE09191530PML1	9/19/2010	Styrene	36	ug/Kg	U
SEE09181235PML1	9/18/2010	Styrene	36	ug/Kg	U
SEE09141135PML1	9/14/2010	Styrene	36	ug/Kg	UJ
SEE09101022PML1	9/10/2010	Styrene	36	ug/Kg	U
SEE10171115JDF1	10/17/2010	Styrene	35	ug/Kg	U
SEE08311420PML1	8/31/2010	Styrene	35	ug/Kg	U
SEE08311420PML1	8/31/2010	Styrene	35	ug/Kg	U
SEE08271215PML1	8/27/2010	Styrene	35	ug/kg	U
SEE10041530JDF1	10/4/2010	Styrene	34	ug/Kg	UJ
SEE09121105RCM1	9/12/2010	Styrene	34	ug/Kg	U
SEE09011545PML1	9/1/2010	Styrene	34	ug/Kg	U
SEE08301550PML1	8/30/2010	Styrene	34	ug/Kg	U
SEE10181210JDF1	10/18/2010	Styrene	33	ug/Kg	U
SEE10181430JWP1	10/18/2010	Styrene	33	ug/Kg	U
SEE10181510JDF1	10/18/2010	Styrene	33	ug/Kg	U
SEE10181510JDF1	10/18/2010	Styrene	33	ug/Kg	U
SEE10131150JDF1	10/13/2010	Styrene	33	ug/Kg	U
SEE10101010PML1	10/10/2010	Styrene	33	ug/Kg	U
SEE10101215PML1	10/10/2010	Styrene	33	ug/Kg	U
SEE10101215PML1	10/10/2010	Styrene	33	ug/Kg	U
SEE09140945PML1	9/14/2010	Styrene	33	ug/Kg	UJ
SEE09061525MHS1	9/6/2010	Styrene	33	ug/Kg	U
SEE09051130PML1	9/5/2010	Styrene	33	ug/Kg	U
SEE09031100PML1	9/3/2010	Styrene	33	ug/Kg	UJ
SEE09021010PML1	9/2/2010	Styrene	33	ug/Kg	U
SEE08281630RCM1	8/28/2010	Styrene	33	ug/kg	U
SEE10031115JDF1	10/3/2010	Styrene	32	ug/Kg	U
SEE10031115JDF1	10/3/2010	Styrene	32	ug/Kg	U
SEE09301205RCM1	9/30/2010	Styrene	32	ug/Kg	U
SEE09301255JDF1	9/30/2010	Styrene	32	ug/Kg	U
SEE09231645JDF1	9/23/2010	Styrene	32	ug/Kg	U
SEE09141515PML1	9/14/2010	Styrene	32	ug/Kg	UJ
SEE09101625PML1	9/10/2010	Styrene	32	ug/Kg	U
SEE09091005RCM1	9/9/2010	Styrene	32	ug/Kg	U
SEE09061105PML1	9/6/2010	Styrene	32	ug/Kg	U
SEE09031650PML1	9/3/2010	Styrene	32	ug/Kg	UJ
SEE09031650PML1	9/3/2010	Styrene	32	ug/Kg	UJ
SEE10081231PML1	10/8/2010	Styrene	31	ug/Kg	UJ
SEE09231210JDF1	9/23/2010	Styrene	31	ug/Kg	U
SEE09161045PML1	9/16/2010	Styrene	31	ug/Kg	U
SEE09081205PML1	9/8/2010	Styrene	31	ug/Kg	U

**TABLE B-2b**  
**Upstream Sediment Samples (Morrow Lake)**

Sample ID	Sample Date	Analyte	Result	Unit	Data Qualifier
SEE09071050PML1	9/7/2010	Styrene	31	ug/Kg	U
SEE08301145MHS1	8/30/2010	Styrene	31	ug/Kg	U
SEE10161115ARM1	10/16/2010	Styrene	30	ug/Kg	U
SEE10120930JDF1	10/12/2010	Styrene	30	ug/Kg	U
SEE10071101PML1	10/7/2010	Styrene	30	ug/Kg	UJ
SEE09261625JDF1	9/26/2010	Styrene	30	ug/Kg	U
SEE09261625JDF1	9/26/2010	Styrene	30	ug/Kg	U
SEE09131445RCM1	9/13/2010	Styrene	30	ug/Kg	U
SEE09121055PML1	9/12/2010	Styrene	30	ug/Kg	U
SEE09121055PML1	9/12/2010	Styrene	30	ug/Kg	U
SEE09121436RCM1	9/12/2010	Styrene	30	ug/Kg	U
SEE09091410RCM1	9/9/2010	Styrene	30	ug/Kg	U
SEE09011050PML1	9/1/2010	Styrene	30	ug/Kg	U
SEE10081051RCM1	10/8/2010	Styrene	29	ug/Kg	UJ
SEE10061640PML1	10/6/2010	Styrene	29	ug/Kg	U
SEE10061640PML1	10/6/2010	Styrene	29	ug/Kg	U
SEE10051653PML1	10/5/2010	Styrene	29	ug/Kg	UJ
SEE09261215JDF1	9/26/2010	Styrene	29	ug/Kg	U
SEE09231130ARM1	9/23/2010	Styrene	29	ug/Kg	U
SEE09191040PML1	9/19/2010	Styrene	29	ug/Kg	U
SEE09131026RCM1	9/13/2010	Styrene	29	ug/Kg	U
SEE09131505PML1	9/13/2010	Styrene	29	ug/Kg	U
SEE09040950PML1	9/4/2010	Styrene	29	ug/Kg	U
SEE10011120JDF1	10/1/2010	Styrene	28	ug/Kg	UJ
SEE09211155JDF1	9/21/2010	Styrene	28	ug/Kg	U
SEE09171415PML1	9/17/2010	Styrene	28	ug/Kg	U
SEE09151145PML1	9/15/2010	Styrene	28	ug/Kg	U
SEE09151145PML1	9/15/2010	Styrene	28	ug/Kg	U
SEE09131620PML1	9/13/2010	Styrene	28	ug/Kg	U
SEE09121450PML1	9/12/2010	Styrene	28	ug/Kg	U
SEE09091515PML1	9/9/2010	Styrene	28	ug/Kg	U
SEE09081010PML1	9/8/2010	Styrene	28	ug/Kg	U
SEE09081020RCM1	9/8/2010	Styrene	28	ug/Kg	U
SEE09011255PML1	9/1/2010	Styrene	28	ug/Kg	U
SEE08301015JRP1	8/30/2010	Styrene	28	ug/Kg	U
SEE08261420RCM1	8/26/2010	Styrene	28	ug/kg	U
SEE10091614PML1	10/9/2010	Styrene	27	ug/Kg	U
SEE10061205PML1	10/6/2010	Styrene	27	ug/Kg	U
SEE10041150JDF1	10/4/2010	Styrene	27	ug/Kg	UJ
SEE09251135JDF1	9/25/2010	Styrene	27	ug/Kg	U
SEE09221440JDF1	9/22/2010	Styrene	27	ug/Kg	U
SEE09170839RCM1	9/17/2010	Styrene	27	ug/Kg	U
SEE09151015PML1	9/15/2010	Styrene	27	ug/Kg	U
SEE08291110PML1	8/29/2010	Styrene	27	ug/kg	U
SEE10141150JDF1	10/14/2010	Styrene	26	ug/Kg	U
SEE10141550JDF1	10/14/2010	Styrene	26	ug/Kg	U
SEE10141550JDF1	10/14/2010	Styrene	26	ug/Kg	U
SEE10121155JDF1	10/12/2010	Styrene	26	ug/Kg	U
SEE09271130JDF1	9/27/2010	Styrene	26	ug/Kg	U
SEE09131125PML1	9/13/2010	Styrene	26	ug/Kg	U
SEE09091010PML1	9/9/2010	Styrene	26	ug/Kg	U
SEE09091145PML1	9/9/2010	Styrene	26	ug/Kg	U
SEE09091410PML1	9/9/2010	Styrene	26	ug/Kg	U
SEE09061130MHS1	9/6/2010	Styrene	26	ug/Kg	U
SEE09011145PML1	9/1/2010	Styrene	26	ug/Kg	U
SEE08301638MHS1	8/30/2010	Styrene	26	ug/Kg	U
SEE10151055ARM1	10/15/2010	Styrene	25	ug/Kg	U
SEE10121415ARM1	10/12/2010	Styrene	25	ug/Kg	U
SEE10111125JDF1	10/11/2010	Styrene	25	ug/Kg	U
SEE10031425JDF1	10/3/2010	Styrene	25	ug/Kg	U



**TABLE B-2b**  
**Upstream Sediment Samples (Morrow Lake)**

Sample ID	Sample Date	Analyte	Result	Unit	Data Qualifier
SEE09291035JDF1	9/29/2010	Styrene	25	ug/Kg	U
SEE09220935RCM1	9/22/2010	Styrene	25	ug/Kg	U
SEE09111015PML1	9/11/2010	Styrene	25	ug/Kg	U
SEE09051015PML1	9/5/2010	Styrene	25	ug/Kg	U
SEE08301445JRP1	8/30/2010	Styrene	25	ug/Kg	U
SEE10161415JDF1	10/16/2010	Styrene	24	ug/Kg	U
SEE10040945JDF1	10/4/2010	Styrene	24	ug/Kg	UJ
SEE09230955RCM1	9/23/2010	Styrene	24	ug/Kg	U
SEE09211530JDF1	9/21/2010	Styrene	24	ug/Kg	U
SEE09170945PML1	9/17/2010	Styrene	24	ug/Kg	U
SEE09171125PML1	9/17/2010	Styrene	24	ug/Kg	U
SEE09130955JRP1	9/13/2010	Styrene	24	ug/Kg	U
SEE09091605PML1	9/9/2010	Styrene	24	ug/Kg	U
SEE09041350PML1	9/4/2010	Styrene	24	ug/Kg	U
SEE10071205PML1	10/7/2010	Styrene	23	ug/Kg	UJ
SEE10071540PML1	10/7/2010	Styrene	23	ug/Kg	UJ
SEE10041335JDF1	10/4/2010	Styrene	23	ug/Kg	UJ
SEE09271025ARM1	9/27/2010	Styrene	23	ug/Kg	U
SEE09171530PML1	9/17/2010	Styrene	23	ug/Kg	U
SEE09051430PML1	9/5/2010	Styrene	23	ug/Kg	U
SEE08271500PML1	8/27/2010	Styrene	23	ug/kg	U
SEE10150945JDF1	10/15/2010	Styrene	22	ug/Kg	U
SEE10111011JDF1	10/11/2010	Styrene	22	ug/Kg	U
SEE10111350JDF1	10/11/2010	Styrene	22	ug/Kg	U
SEE10061051RCM1	10/6/2010	Styrene	22	ug/Kg	U
SEE10041355ARM1	10/4/2010	Styrene	22	ug/Kg	UJ
SEE09271515JDF1	9/27/2010	Styrene	22	ug/Kg	U
SEE09221105JDF1	9/22/2010	Styrene	22	ug/Kg	U
SEE09130940PML1	9/13/2010	Styrene	22	ug/Kg	U
SEE08281215PML1	8/28/2010	Styrene	22	ug/kg	U
SEE10121030JDF1	10/12/2010	Styrene	21	ug/Kg	U
SEE09290925JDF1	9/29/2010	Styrene	21	ug/Kg	U
SEE09091025JRP1	9/9/2010	Styrene	21	ug/Kg	U
SEE09011635PML1	9/1/2010	Styrene	21	ug/Kg	U
SEE08301520JRP1	8/30/2010	Styrene	21	ug/Kg	U
SEE08281420TWH1	8/28/2010	Styrene	21	ug/kg	U
SEE08261445JRP1	8/26/2010	Styrene	21	ug/Kg	U
SEE10161055JDF1	10/16/2010	Styrene	20	ug/Kg	U
SEE10151355ARM1	10/15/2010	Styrene	20	ug/Kg	U
SEE10071415ARM1	10/7/2010	Styrene	20	ug/Kg	UJ
SEE09031140MHS1	9/3/2010	Styrene	20	ug/Kg	UJ
SEE08291421KAP1	8/29/2010	Styrene	20	ug/kg	U
SEE08271145RCM1	8/27/2010	Styrene	20	ug/kg	U
SEE10041050JDF1	10/4/2010	Styrene	19	ug/Kg	UJ
SEE09301255MAE1	9/30/2010	Styrene	19	ug/Kg	U
SEE09291645JDF1	9/29/2010	Styrene	19	ug/Kg	U
SEE09051550MHS1	9/5/2010	Styrene	19	ug/Kg	U
SEE09031645MHS1	9/3/2010	Styrene	19	ug/Kg	UJ
SEE10041138RCM1	10/4/2010	Styrene	18	ug/Kg	UJ
SEE09221615JDF1	9/22/2010	Styrene	18	ug/Kg	U
SEE09191445RCM1	9/19/2010	Styrene	18	ug/Kg	U
SEE08311010JRP1	8/31/2010	Styrene	18	ug/Kg	U
SEE09250905RCM1	9/25/2010	Styrene	17	ug/Kg	U
SEE09200911RCM1	9/20/2010	Styrene	17	ug/Kg	U
SEE09090900JRP1	9/9/2010	Styrene	17	ug/Kg	U
SEE09011545MHS1	9/1/2010	Styrene	17	ug/Kg	U
SEE08281510TWH1	8/28/2010	Styrene	17	ug/kg	U
SEE10170915JDF1	10/17/2010	Styrene	16	ug/Kg	U
SEE09291135JDF1	9/29/2010	Styrene	16	ug/Kg	U
SEE09260930RCM1	9/26/2010	Styrene	16	ug/Kg	U

**TABLE B-2b**  
**Upstream Sediment Samples (Morrow Lake)**

Sample ID	Sample Date	Analyte	Result	Unit	Data Qualifier
SEE09201110ARM1	9/20/2010	Styrene	15	ug/Kg	U
SEE08301530JAW1	8/30/2010	Styrene	15	ug/Kg	U
SEE08291550KAP1	8/29/2010	Styrene	15	ug/kg	U
SEE10071151RCM1	10/7/2010	Styrene	14	ug/Kg	UJ
SEE09211112RCM1	9/21/2010	Styrene	14	ug/Kg	U
SEE08311348MHS1	8/31/2010	Styrene	14	ug/Kg	U
SEE08300920JRP1	8/30/2010	Styrene	14	ug/Kg	U
SEE08261620RCM1	8/26/2010	Styrene	14	ug/kg	U
SEE10141025ARM1	10/14/2010	Styrene	12	ug/Kg	U
SEE09130915JRP1	9/13/2010	Styrene	12	ug/Kg	U
SEE10091200ARM1	10/9/2010	Styrene	11	ug/Kg	U
SEE09291023RCM1	9/29/2010	Styrene	11	ug/Kg	U
SEE09171445RCM1	9/17/2010	Styrene	11	ug/Kg	U
SEE09161035RCM1	9/16/2010	Styrene	11	ug/Kg	U
SEE09141312RCM1	9/14/2010	Styrene	10	ug/Kg	UJ
SEE08291445PML1	8/29/2010	Styrene	10	ug/kg	U
SEE08291354KAP1	8/29/2010	Styrene	9.3	ug/kg	U
SEE10051415ARM1	10/5/2010	Styrene	8.7	ug/Kg	UJ
SEE09061610JAW1	9/6/2010	Styrene	8.5	ug/Kg	U
SEE10011125ARM1	10/1/2010	Styrene	8.2	ug/Kg	UJ
SEE08261700JRP1	8/26/2010	Styrene	8.2	ug/Kg	U
SEE09051500MHS1	9/5/2010	Styrene	8.0	ug/Kg	U
SEE10171535ARM1	10/17/2010	Styrene	7.9	ug/Kg	U
SEE09231035ARM1	9/23/2010	Styrene	7.9	ug/Kg	U
SEE09171200ARM1	9/17/2010	Styrene	7.9	ug/Kg	U
SEE08271614TWH1	8/27/2010	Styrene	7.8	ug/kg	U
SEE10081035ARM1	10/8/2010	Styrene	7.6	ug/Kg	UJ
SEE08271652TWH1	8/27/2010	Styrene	7.6	ug/kg	U
SEE09100945RCM1	9/10/2010	Styrene	7.5	ug/Kg	U
SEE09211120ARM1	9/21/2010	Styrene	7.4	ug/Kg	U
SEB09011143JLS1	9/1/2010	Styrene	7.1	ug/Kg	U
SEE08301410JRP1	8/30/2010	Styrene	7.0	ug/Kg	U
SEE09281445RCM1	9/28/2010	Styrene	6.5	ug/Kg	U
SEE08271536TWH1	8/27/2010	Styrene	6.3	ug/kg	U
SEE09271500ARM1	9/27/2010	Styrene	6.2	ug/Kg	U
SEE09170935RCM1	9/17/2010	Styrene	6.1	ug/Kg	U
SEF10011045TDF1	10/1/2010	Styrene	6.0	ug/Kg	UJ
SEE09150915JRP1	9/15/2010	Styrene	6.0	ug/Kg	U
SEE10011043RCM1	10/1/2010	Styrene	5.8	ug/Kg	UJ
SEE09290915MAE1	9/29/2010	Styrene	5.8	ug/Kg	U
SEE10131035ARM1	10/13/2010	Styrene	5.5	ug/Kg	U
SEE10071045ARM1	10/7/2010	Styrene	5.5	ug/Kg	UJ
SEE10041045ARM1	10/4/2010	Styrene	5.5	ug/Kg	UJ
SEF10151030PMB3	10/15/2010	Styrene	5.4	ug/Kg	U
SEF10081108TDF3	10/8/2010	Styrene	5.4	ug/Kg	UJ
SEE09251235ARM1	9/25/2010	Styrene	5.4	ug/Kg	U
SEE08281540JRP1	8/28/2010	Styrene	5.4	ug/kg	U
SEF10051206TDF3	10/5/2010	Styrene	5.3	ug/Kg	UJ
SEE09140945JRP1	9/14/2010	Styrene	5.3	ug/Kg	UJ
SEE09080930JRP1	9/8/2010	Styrene	5.3	ug/Kg	U
SEE09011515JAW1	9/1/2010	Styrene	5.3	ug/Kg	U
SEE08301100JRP1	8/30/2010	Styrene	5.3	ug/Kg	U
SEE10121040ARM1	10/12/2010	Styrene	5.2	ug/Kg	U
SEF10121130PMB3	10/12/2010	Styrene	5.2	ug/Kg	U
SEE09221045ARM1	9/22/2010	Styrene	5.2	ug/Kg	U
SEE09100920JRP1	9/10/2010	Styrene	5.1	ug/Kg	U
SEB08281400JLS1	8/28/2010	Styrene	5.1	ug/kg	U
SEE09301025MAE1	9/30/2010	Styrene	5.0	ug/Kg	U
SEE09051500JAW1	9/5/2010	Styrene	5.0	ug/Kg	U
SEE10051145RCM1	10/5/2010	Styrene	4.9	ug/Kg	UJ

**TABLE B-2b**  
**Upstream Sediment Samples (Morrow Lake)**

Sample ID	Sample Date	Analyte	Result	Unit	Data Qualifier
SEE09070930JRP1	9/7/2010	Styrene	4.9	ug/Kg	U
SEE10181030JWP1	10/18/2010	Styrene	4.6	ug/Kg	U
SEF09281139TDF1	9/28/2010	Styrene	4.3	ug/Kg	U
SEE09231205RCM1	9/23/2010	Styrene	3.3	ug/Kg	U
SEE08271445JRP1	8/27/2010	Styrene	2.8	ug/kg	U
SEE10061135ARM1	10/6/2010	Styrene	0.80	ug/Kg	J
ML-07-S-082510	8/25/2010	Styrene	0.73	mg/Kg	U
ML-03-S-082510	8/25/2010	Styrene	0.43	mg/Kg	U
ML-06-S-082510	8/25/2010	Styrene	0.42	mg/Kg	U
ML-07-S-082410	8/24/2010	Styrene	0.41	mg/Kg	UJ
ML-06-S-082010	8/20/2010	Styrene	0.38	mg/Kg	U
ML-08-S-082510	8/25/2010	Styrene	0.37	mg/Kg	U
ML-08-S-082410	8/24/2010	Styrene	0.37	mg/Kg	UJ
ML-06-S-082310	8/23/2010	Styrene	0.37	mg/Kg	U
ML-07-S-082110	8/21/2010	Styrene	0.37	mg/Kg	U
ML-08-S-082110	8/21/2010	Styrene	0.37	mg/Kg	U
ML-10-S-082110	8/21/2010	Styrene	0.37	mg/Kg	U
ML-10-S-082110	8/21/2010	Styrene	0.37	mg/Kg	U
ML-10-S-081910	8/19/2010	Styrene	0.37	mg/Kg	U
ML-10-S-081910	8/19/2010	Styrene	0.37	mg/Kg	U
ML-07-S-081810	8/18/2010	Styrene	0.37	mg/Kg	UJ
ML-09-S-081810	8/18/2010	Styrene	0.37	mg/Kg	UJ
ML-10-S-082410	8/24/2010	Styrene	0.36	mg/Kg	UJ
ML-10-S-082410	8/24/2010	Styrene	0.36	mg/Kg	UJ
ML-01-S-081610	8/16/2010	Styrene	0.35	mg/Kg	U
ML-10-S-081610	8/16/2010	Styrene	0.35	mg/Kg	U
ML-10-S-081610	8/16/2010	Styrene	0.35	mg/Kg	U
ML-04-S-082410	8/24/2010	Styrene	0.34	mg/Kg	UJ
ML-03-S-082310	8/23/2010	Styrene	0.34	mg/Kg	U
ML-10-S-082110-D	8/21/2010	Styrene	0.34	mg/Kg	U
ML-10-S-082110-D	8/21/2010	Styrene	0.34	mg/Kg	U
ML-07-S-081610	8/16/2010	Styrene	0.34	mg/Kg	U
ML-08-S-081610-D	8/16/2010	Styrene	0.34	mg/Kg	U
ML-04-S-082610	8/26/2010	Styrene	0.33	mg/Kg	U
ML-05-S-082310	8/23/2010	Styrene	0.33	mg/Kg	U
ML-05-S-082010	8/20/2010	Styrene	0.33	mg/Kg	U
ML-10-S-082610	8/26/2010	Styrene	0.32	mg/Kg	U
ML-10-S-082610	8/26/2010	Styrene	0.32	mg/Kg	U
ML-06-S-081710	8/17/2010	Styrene	0.32	mg/Kg	U
ML-08-S-081610	8/16/2010	Styrene	0.32	mg/Kg	U
ML-01-S-082510	8/25/2010	Styrene	0.31	mg/Kg	U
ML-09-S-082510	8/25/2010	Styrene	0.31	mg/Kg	U
ML-09-S-082410	8/24/2010	Styrene	0.31	mg/Kg	UJ
ML-02-S-081710	8/17/2010	Styrene	0.31	mg/Kg	U
ML-02-S-082510	8/25/2010	Styrene	0.28	mg/Kg	U
ML-09-S-082110	8/21/2010	Styrene	0.28	mg/Kg	U
ML-01-S-082110	8/21/2010	Styrene	0.27	mg/Kg	U
ML-04-S-081710	8/17/2010	Styrene	0.27	mg/Kg	U
ML-05-S-081710	8/17/2010	Styrene	0.27	mg/Kg	U
ML-02-S-082310	8/23/2010	Styrene	0.25	mg/Kg	U
ML-04-S-082010	8/20/2010	Styrene	0.25	mg/Kg	U
ML-01-S-081910	8/19/2010	Styrene	0.25	mg/Kg	U
ML-02-S-082010	8/20/2010	Styrene	0.22	mg/Kg	U
ML-03-S-081610	8/16/2010	Styrene	0.22	mg/Kg	U
ML-03-S-082010	8/20/2010	Styrene	0.19	mg/Kg	U
ML-05-S-082610	8/26/2010	Styrene	0.17	mg/Kg	U
SEE10211035JDF1	10/21/2010	Tetrachloroethene	620	ug/Kg	U
SEE10191515JDF1	10/19/2010	Tetrachloroethene	560	ug/Kg	U
SEE10211430JDF1	10/21/2010	Tetrachloroethene	540	ug/Kg	U
SEE10191005JDF1	10/19/2010	Tetrachloroethene	540	ug/Kg	U

**TABLE B-2b**  
**Upstream Sediment Samples (Morrow Lake)**

Sample ID	Sample Date	Analyte	Result	Unit	Data Qualifier
SEE10221110JDF1	10/22/2010	Tetrachloroethene	530	ug/Kg	U
SEE10221110JDF1	10/22/2010	Tetrachloroethene	530	ug/Kg	U
SEE10191415JDF1	10/19/2010	Tetrachloroethene	510	ug/Kg	U
SEE10191155JDF1	10/19/2010	Tetrachloroethene	490	ug/Kg	U
SEE10211010JWP1	10/21/2010	Tetrachloroethene	470	ug/Kg	U
SEE10191100JDF1	10/19/2010	Tetrachloroethene	470	ug/Kg	U
SEE10221055DWS1	10/22/2010	Tetrachloroethene	450	ug/Kg	U
SEE10191010JWP1	10/19/2010	Tetrachloroethene	450	ug/Kg	U
SEE10221450DWS1	10/22/2010	Tetrachloroethene	240	ug/Kg	U
SEE10211345JWP1	10/21/2010	Tetrachloroethene	220	ug/Kg	U
SEF10221050MAE3	10/22/2010	Tetrachloroethene	150	ug/Kg	U
SEF10191135NAC3	10/19/2010	Tetrachloroethene	150	ug/Kg	U
SEE10141015JDF1	10/14/2010	Tetrachloroethene	140	ug/Kg	U
SEE10191115JWP1	10/19/2010	Tetrachloroethene	130	ug/Kg	U
SEE09200945PML1	9/20/2010	Tetrachloroethene	60	ug/Kg	U
SEE09200945PML1	9/20/2010	Tetrachloroethene	60	ug/Kg	U
SEE09201115RCM1	9/20/2010	Tetrachloroethene	58	ug/Kg	U
SEE09201645ARM1	9/20/2010	Tetrachloroethene	48	ug/Kg	U
SEE10071042RCM1	10/7/2010	Tetrachloroethene	45	ug/Kg	U
SEE09061500PML1	9/6/2010	Tetrachloroethene	45	ug/Kg	U
SEE08281607TWH1	8/28/2010	Tetrachloroethene	44	ug/kg	U
SEE09301105JDF1	9/30/2010	Tetrachloroethene	42	ug/Kg	U
SEE09181705PML1	9/18/2010	Tetrachloroethene	42	ug/Kg	U
SEE09021400PML1	9/2/2010	Tetrachloroethene	41	ug/Kg	U
SEE08301130PML1	8/30/2010	Tetrachloroethene	41	ug/Kg	U
SEE10091401PML1	10/9/2010	Tetrachloroethene	40	ug/Kg	U
SEE10181035JDF1	10/18/2010	Tetrachloroethene	39	ug/Kg	U
SEE10051125PML1	10/5/2010	Tetrachloroethene	39	ug/Kg	U
SEE08311045PML1	8/31/2010	Tetrachloroethene	39	ug/Kg	U
SEE10141555ARM1	10/14/2010	Tetrachloroethene	38	ug/Kg	U
SEE09101215PML1	9/10/2010	Tetrachloroethene	38	ug/Kg	U
SEE10161530JDF1	10/16/2010	Tetrachloroethene	37	ug/Kg	U
SEE10081115PML1	10/8/2010	Tetrachloroethene	37	ug/Kg	U
SEE09030925PML1	9/3/2010	Tetrachloroethene	37	ug/Kg	UJ
SEE09031115JAW1	9/3/2010	Tetrachloroethene	37	ug/Kg	UJ
SEE08281505PML1	8/28/2010	Tetrachloroethene	37	ug/kg	U
SEE10171410JDF1	10/17/2010	Tetrachloroethene	36	ug/Kg	U
SEE09191530PML1	9/19/2010	Tetrachloroethene	36	ug/Kg	U
SEE09181235PML1	9/18/2010	Tetrachloroethene	36	ug/Kg	U
SEE09141135PML1	9/14/2010	Tetrachloroethene	36	ug/Kg	U
SEE09101022PML1	9/10/2010	Tetrachloroethene	36	ug/Kg	U
SEE10171115JDF1	10/17/2010	Tetrachloroethene	35	ug/Kg	U
SEE08311420PML1	8/31/2010	Tetrachloroethene	35	ug/Kg	U
SEE08311420PML1	8/31/2010	Tetrachloroethene	35	ug/Kg	U
SEE08271215PML1	8/27/2010	Tetrachloroethene	35	ug/kg	U
SEE10041530JDF1	10/4/2010	Tetrachloroethene	34	ug/Kg	U
SEE09121105RCM1	9/12/2010	Tetrachloroethene	34	ug/Kg	U
SEE09011545PML1	9/1/2010	Tetrachloroethene	34	ug/Kg	U
SEE08301550PML1	8/30/2010	Tetrachloroethene	34	ug/Kg	U
SEE10181210JDF1	10/18/2010	Tetrachloroethene	33	ug/Kg	U
SEE10181430JWP1	10/18/2010	Tetrachloroethene	33	ug/Kg	U
SEE10181510JDF1	10/18/2010	Tetrachloroethene	33	ug/Kg	U
SEE10181510JDF1	10/18/2010	Tetrachloroethene	33	ug/Kg	U
SEE10131150JDF1	10/13/2010	Tetrachloroethene	33	ug/Kg	U
SEE10101010PML1	10/10/2010	Tetrachloroethene	33	ug/Kg	U
SEE10101215PML1	10/10/2010	Tetrachloroethene	33	ug/Kg	U
SEE10101215PML1	10/10/2010	Tetrachloroethene	33	ug/Kg	U
SEE09140945PML1	9/14/2010	Tetrachloroethene	33	ug/Kg	U
SEE09061525MHS1	9/6/2010	Tetrachloroethene	33	ug/Kg	U
SEE09051130PML1	9/5/2010	Tetrachloroethene	33	ug/Kg	U

**TABLE B-2b**  
**Upstream Sediment Samples (Morrow Lake)**

Sample ID	Sample Date	Analyte	Result	Unit	Data Qualifier
SEE09031100PML1	9/3/2010	Tetrachloroethene	33	ug/Kg	UJ
SEE09021010PML1	9/2/2010	Tetrachloroethene	33	ug/Kg	U
SEE08281630RCM1	8/28/2010	Tetrachloroethene	33	ug/kg	U
SEE10031115JDF1	10/3/2010	Tetrachloroethene	32	ug/Kg	U
SEE10031115JDF1	10/3/2010	Tetrachloroethene	32	ug/Kg	U
SEE09301205RCM1	9/30/2010	Tetrachloroethene	32	ug/Kg	U
SEE09301255JDF1	9/30/2010	Tetrachloroethene	32	ug/Kg	U
SEE09231645JDF1	9/23/2010	Tetrachloroethene	32	ug/Kg	U
SEE09141515PML1	9/14/2010	Tetrachloroethene	32	ug/Kg	U
SEE09101625PML1	9/10/2010	Tetrachloroethene	32	ug/Kg	U
SEE09091005RCM1	9/9/2010	Tetrachloroethene	32	ug/Kg	U
SEE09061105PML1	9/6/2010	Tetrachloroethene	32	ug/Kg	U
SEE09031650PML1	9/3/2010	Tetrachloroethene	32	ug/Kg	UJ
SEE09031650PML1	9/3/2010	Tetrachloroethene	32	ug/Kg	UJ
SEE10081231PML1	10/8/2010	Tetrachloroethene	31	ug/Kg	U
SEE09231210JDF1	9/23/2010	Tetrachloroethene	31	ug/Kg	U
SEE09161045PML1	9/16/2010	Tetrachloroethene	31	ug/Kg	U
SEE09081205PML1	9/8/2010	Tetrachloroethene	31	ug/Kg	U
SEE09071050PML1	9/7/2010	Tetrachloroethene	31	ug/Kg	U
SEE08301145MHS1	8/30/2010	Tetrachloroethene	31	ug/Kg	U
SEE10161115ARM1	10/16/2010	Tetrachloroethene	30	ug/Kg	U
SEE10120930JDF1	10/12/2010	Tetrachloroethene	30	ug/Kg	U
SEE10071101PML1	10/7/2010	Tetrachloroethene	30	ug/Kg	U
SEE09261625JDF1	9/26/2010	Tetrachloroethene	30	ug/Kg	U
SEE09261625JDF1	9/26/2010	Tetrachloroethene	30	ug/Kg	U
SEE09131445RCM1	9/13/2010	Tetrachloroethene	30	ug/Kg	U
SEE09121055PML1	9/12/2010	Tetrachloroethene	30	ug/Kg	U
SEE09121055PML1	9/12/2010	Tetrachloroethene	30	ug/Kg	U
SEE09121436RCM1	9/12/2010	Tetrachloroethene	30	ug/Kg	U
SEE09091410RCM1	9/9/2010	Tetrachloroethene	30	ug/Kg	U
SEE09011050PML1	9/1/2010	Tetrachloroethene	30	ug/Kg	U
SEE10081051RCM1	10/8/2010	Tetrachloroethene	29	ug/Kg	U
SEE10061640PML1	10/6/2010	Tetrachloroethene	29	ug/Kg	U
SEE10061640PML1	10/6/2010	Tetrachloroethene	29	ug/Kg	U
SEE10051653PML1	10/5/2010	Tetrachloroethene	29	ug/Kg	U
SEE09261215JDF1	9/26/2010	Tetrachloroethene	29	ug/Kg	U
SEE09231130ARM1	9/23/2010	Tetrachloroethene	29	ug/Kg	U
SEE09191040PML1	9/19/2010	Tetrachloroethene	29	ug/Kg	U
SEE09131026RCM1	9/13/2010	Tetrachloroethene	29	ug/Kg	U
SEE09131505PML1	9/13/2010	Tetrachloroethene	29	ug/Kg	U
SEE09040950PML1	9/4/2010	Tetrachloroethene	29	ug/Kg	U
SEE10011120JDF1	10/1/2010	Tetrachloroethene	28	ug/Kg	U
SEE09211155JDF1	9/21/2010	Tetrachloroethene	28	ug/Kg	U
SEE09171415PML1	9/17/2010	Tetrachloroethene	28	ug/Kg	U
SEE09151145PML1	9/15/2010	Tetrachloroethene	28	ug/Kg	U
SEE09151145PML1	9/15/2010	Tetrachloroethene	28	ug/Kg	U
SEE09131620PML1	9/13/2010	Tetrachloroethene	28	ug/Kg	U
SEE09121450PML1	9/12/2010	Tetrachloroethene	28	ug/Kg	U
SEE09091515PML1	9/9/2010	Tetrachloroethene	28	ug/Kg	U
SEE09081010PML1	9/8/2010	Tetrachloroethene	28	ug/Kg	U
SEE09081020RCM1	9/8/2010	Tetrachloroethene	28	ug/Kg	U
SEE09011255PML1	9/1/2010	Tetrachloroethene	28	ug/Kg	U
SEE08301015JRP1	8/30/2010	Tetrachloroethene	28	ug/Kg	U
SEE08261420RCM1	8/26/2010	Tetrachloroethene	28	ug/kg	U
SEE10091614PML1	10/9/2010	Tetrachloroethene	27	ug/Kg	U
SEE10061205PML1	10/6/2010	Tetrachloroethene	27	ug/Kg	U
SEE10041150JDF1	10/4/2010	Tetrachloroethene	27	ug/Kg	U
SEE09251135JDF1	9/25/2010	Tetrachloroethene	27	ug/Kg	U
SEE09221440JDF1	9/22/2010	Tetrachloroethene	27	ug/Kg	U
SEE09170839RCM1	9/17/2010	Tetrachloroethene	27	ug/Kg	U

**TABLE B-2b**  
**Upstream Sediment Samples (Morrow Lake)**

Sample ID	Sample Date	Analyte	Result	Unit	Data Qualifier
SEE09151015PML1	9/15/2010	Tetrachloroethene	27	ug/Kg	U
SEE08291110PML1	8/29/2010	Tetrachloroethene	27	ug/kg	U
SEE10141150JDF1	10/14/2010	Tetrachloroethene	26	ug/Kg	U
SEE10141550JDF1	10/14/2010	Tetrachloroethene	26	ug/Kg	U
SEE10141550JDF1	10/14/2010	Tetrachloroethene	26	ug/Kg	U
SEE10121155JDF1	10/12/2010	Tetrachloroethene	26	ug/Kg	U
SEE09271130JDF1	9/27/2010	Tetrachloroethene	26	ug/Kg	U
SEE09131125PML1	9/13/2010	Tetrachloroethene	26	ug/Kg	U
SEE09091010PML1	9/9/2010	Tetrachloroethene	26	ug/Kg	U
SEE09091145PML1	9/9/2010	Tetrachloroethene	26	ug/Kg	U
SEE09091410PML1	9/9/2010	Tetrachloroethene	26	ug/Kg	U
SEE09061130MHS1	9/6/2010	Tetrachloroethene	26	ug/Kg	U
SEE09011145PML1	9/1/2010	Tetrachloroethene	26	ug/Kg	U
SEE08301638MHS1	8/30/2010	Tetrachloroethene	26	ug/Kg	U
SEE10151055ARM1	10/15/2010	Tetrachloroethene	25	ug/Kg	U
SEE10121415ARM1	10/12/2010	Tetrachloroethene	25	ug/Kg	U
SEE10111125JDF1	10/11/2010	Tetrachloroethene	25	ug/Kg	U
SEE10031425JDF1	10/3/2010	Tetrachloroethene	25	ug/Kg	U
SEE09291035JDF1	9/29/2010	Tetrachloroethene	25	ug/Kg	U
SEE09220935RCM1	9/22/2010	Tetrachloroethene	25	ug/Kg	U
SEE09111015PML1	9/11/2010	Tetrachloroethene	25	ug/Kg	U
SEE09051015PML1	9/5/2010	Tetrachloroethene	25	ug/Kg	U
SEE08301445JRP1	8/30/2010	Tetrachloroethene	25	ug/Kg	U
SEE10161415JDF1	10/16/2010	Tetrachloroethene	24	ug/Kg	U
SEE10040945JDF1	10/4/2010	Tetrachloroethene	24	ug/Kg	U
SEE09230955RCM1	9/23/2010	Tetrachloroethene	24	ug/Kg	U
SEE09211530JDF1	9/21/2010	Tetrachloroethene	24	ug/Kg	U
SEE09170945PML1	9/17/2010	Tetrachloroethene	24	ug/Kg	U
SEE09171125PML1	9/17/2010	Tetrachloroethene	24	ug/Kg	U
SEE09130955JRP1	9/13/2010	Tetrachloroethene	24	ug/Kg	U
SEE09091605PML1	9/9/2010	Tetrachloroethene	24	ug/Kg	U
SEE09041350PML1	9/4/2010	Tetrachloroethene	24	ug/Kg	U
SEE10071205PML1	10/7/2010	Tetrachloroethene	23	ug/Kg	U
SEE10071540PML1	10/7/2010	Tetrachloroethene	23	ug/Kg	U
SEE10041335JDF1	10/4/2010	Tetrachloroethene	23	ug/Kg	U
SEE09271025ARM1	9/27/2010	Tetrachloroethene	23	ug/Kg	U
SEE09171530PML1	9/17/2010	Tetrachloroethene	23	ug/Kg	U
SEE09051430PML1	9/5/2010	Tetrachloroethene	23	ug/Kg	U
SEE08271500PML1	8/27/2010	Tetrachloroethene	23	ug/kg	U
SEE10150945JDF1	10/15/2010	Tetrachloroethene	22	ug/Kg	U
SEE10111011JDF1	10/11/2010	Tetrachloroethene	22	ug/Kg	U
SEE10111350JDF1	10/11/2010	Tetrachloroethene	22	ug/Kg	U
SEE10061051RCM1	10/6/2010	Tetrachloroethene	22	ug/Kg	U
SEE10041355ARM1	10/4/2010	Tetrachloroethene	22	ug/Kg	U
SEE09271515JDF1	9/27/2010	Tetrachloroethene	22	ug/Kg	U
SEE09221105JDF1	9/22/2010	Tetrachloroethene	22	ug/Kg	U
SEE09130940PML1	9/13/2010	Tetrachloroethene	22	ug/Kg	U
SEE08281215PML1	8/28/2010	Tetrachloroethene	22	ug/kg	U
SEE10121030JDF1	10/12/2010	Tetrachloroethene	21	ug/Kg	U
SEE09290925JDF1	9/29/2010	Tetrachloroethene	21	ug/Kg	U
SEE09091025JRP1	9/9/2010	Tetrachloroethene	21	ug/Kg	U
SEE09011635PML1	9/1/2010	Tetrachloroethene	21	ug/Kg	U
SEE08301520JRP1	8/30/2010	Tetrachloroethene	21	ug/Kg	U
SEE08281420TWH1	8/28/2010	Tetrachloroethene	21	ug/kg	U
SEE08261445JRP1	8/26/2010	Tetrachloroethene	21	ug/Kg	U
SEE10161055JDF1	10/16/2010	Tetrachloroethene	20	ug/Kg	U
SEE10151355ARM1	10/15/2010	Tetrachloroethene	20	ug/Kg	U
SEE10071415ARM1	10/7/2010	Tetrachloroethene	20	ug/Kg	U
SEE09031140MHS1	9/3/2010	Tetrachloroethene	20	ug/Kg	UJ
SEE08291421KAP1	8/29/2010	Tetrachloroethene	20	ug/kg	U

**TABLE B-2b**  
**Upstream Sediment Samples (Morrow Lake)**

Sample ID	Sample Date	Analyte	Result	Unit	Data Qualifier
SEE08271145RCM1	8/27/2010	Tetrachloroethene	20	ug/kg	U
SEE10041050JDF1	10/4/2010	Tetrachloroethene	19	ug/Kg	U
SEE09301255MAE1	9/30/2010	Tetrachloroethene	19	ug/Kg	U
SEE09291645JDF1	9/29/2010	Tetrachloroethene	19	ug/Kg	U
SEE09051550MHS1	9/5/2010	Tetrachloroethene	19	ug/Kg	U
SEE09031645MHS1	9/3/2010	Tetrachloroethene	19	ug/Kg	UJ
SEE10041138RCM1	10/4/2010	Tetrachloroethene	18	ug/Kg	U
SEE09221615JDF1	9/22/2010	Tetrachloroethene	18	ug/Kg	U
SEE09191445RCM1	9/19/2010	Tetrachloroethene	18	ug/Kg	U
SEE08311010JRP1	8/31/2010	Tetrachloroethene	18	ug/Kg	U
SEE09250905RCM1	9/25/2010	Tetrachloroethene	17	ug/Kg	U
SEE09200911RCM1	9/20/2010	Tetrachloroethene	17	ug/Kg	U
SEE09090900JRP1	9/9/2010	Tetrachloroethene	17	ug/Kg	U
SEE09011545MHS1	9/1/2010	Tetrachloroethene	17	ug/Kg	U
SEE08281510TWH1	8/28/2010	Tetrachloroethene	17	ug/kg	U
SEE10170915JDF1	10/17/2010	Tetrachloroethene	16	ug/Kg	U
SEE09291135JDF1	9/29/2010	Tetrachloroethene	16	ug/Kg	U
SEE09260930RCM1	9/26/2010	Tetrachloroethene	16	ug/Kg	U
SEE09201110ARM1	9/20/2010	Tetrachloroethene	15	ug/Kg	U
SEE08301530JAW1	8/30/2010	Tetrachloroethene	15	ug/Kg	U
SEE08291550KAP1	8/29/2010	Tetrachloroethene	15	ug/kg	U
SEE10071151RCM1	10/7/2010	Tetrachloroethene	14	ug/Kg	U
SEE09211112RCM1	9/21/2010	Tetrachloroethene	14	ug/Kg	U
SEE08311348MHS1	8/31/2010	Tetrachloroethene	14	ug/Kg	U
SEE08300920JRP1	8/30/2010	Tetrachloroethene	14	ug/Kg	U
SEE08261620RCM1	8/26/2010	Tetrachloroethene	14	ug/kg	U
SEE10141025ARM1	10/14/2010	Tetrachloroethene	12	ug/Kg	U
SEE09130915JRP1	9/13/2010	Tetrachloroethene	12	ug/Kg	U
SEE10091200ARM1	10/9/2010	Tetrachloroethene	11	ug/Kg	U
SEE09291023RCM1	9/29/2010	Tetrachloroethene	11	ug/Kg	U
SEE09171445RCM1	9/17/2010	Tetrachloroethene	11	ug/Kg	U
SEE09161035RCM1	9/16/2010	Tetrachloroethene	11	ug/Kg	U
SEE09141312RCM1	9/14/2010	Tetrachloroethene	10	ug/Kg	U
SEE08291445PML1	8/29/2010	Tetrachloroethene	10	ug/kg	U
SEE08291354KAP1	8/29/2010	Tetrachloroethene	9.3	ug/kg	U
SEE10051415ARM1	10/5/2010	Tetrachloroethene	8.7	ug/Kg	U
SEE09061610JAW1	9/6/2010	Tetrachloroethene	8.5	ug/Kg	U
SEE10011125ARM1	10/1/2010	Tetrachloroethene	8.2	ug/Kg	U
SEE08261700JRP1	8/26/2010	Tetrachloroethene	8.2	ug/Kg	U
SEE09051500MHS1	9/5/2010	Tetrachloroethene	8.0	ug/Kg	U
SEE10171535ARM1	10/17/2010	Tetrachloroethene	7.9	ug/Kg	U
SEE09231035ARM1	9/23/2010	Tetrachloroethene	7.9	ug/Kg	U
SEE09171200ARM1	9/17/2010	Tetrachloroethene	7.9	ug/Kg	U
SEE08271614TWH1	8/27/2010	Tetrachloroethene	7.8	ug/kg	U
SEE10081035ARM1	10/8/2010	Tetrachloroethene	7.6	ug/Kg	U
SEE08271652TWH1	8/27/2010	Tetrachloroethene	7.6	ug/kg	U
SEE09100945RCM1	9/10/2010	Tetrachloroethene	7.5	ug/Kg	U
SEE09211120ARM1	9/21/2010	Tetrachloroethene	7.4	ug/Kg	U
SEB09011143JLS1	9/1/2010	Tetrachloroethene	7.1	ug/Kg	U
SEE08301410JRP1	8/30/2010	Tetrachloroethene	7.0	ug/Kg	U
SEE09281445RCM1	9/28/2010	Tetrachloroethene	6.5	ug/Kg	U
SEE08271536TWH1	8/27/2010	Tetrachloroethene	6.3	ug/kg	U
SEE09271500ARM1	9/27/2010	Tetrachloroethene	6.2	ug/Kg	U
SEE09170935RCM1	9/17/2010	Tetrachloroethene	6.1	ug/Kg	U
SEF10011045TDF1	10/1/2010	Tetrachloroethene	6.0	ug/Kg	U
SEE09150915JRP1	9/15/2010	Tetrachloroethene	6.0	ug/Kg	U
SEE10011043RCM1	10/1/2010	Tetrachloroethene	5.8	ug/Kg	U
SEE09290915MAE1	9/29/2010	Tetrachloroethene	5.8	ug/Kg	U
SEE10131035ARM1	10/13/2010	Tetrachloroethene	5.5	ug/Kg	U
SEE10071045ARM1	10/7/2010	Tetrachloroethene	5.5	ug/Kg	U

**TABLE B-2b**  
**Upstream Sediment Samples (Morrow Lake)**

Sample ID	Sample Date	Analyte	Result	Unit	Data Qualifier
SEE10041045ARM1	10/4/2010	Tetrachloroethene	5.5	ug/Kg	U
SEF10151030PMB3	10/15/2010	Tetrachloroethene	5.4	ug/Kg	U
SEF10081108TDF3	10/8/2010	Tetrachloroethene	5.4	ug/Kg	U
SEE09251235ARM1	9/25/2010	Tetrachloroethene	5.4	ug/Kg	U
SEE08281540JRP1	8/28/2010	Tetrachloroethene	5.4	ug/kg	U
SEF10051206TDF3	10/5/2010	Tetrachloroethene	5.3	ug/Kg	U
SEE09140945JRP1	9/14/2010	Tetrachloroethene	5.3	ug/Kg	U
SEE09080930JRP1	9/8/2010	Tetrachloroethene	5.3	ug/Kg	U
SEE09011515JAW1	9/1/2010	Tetrachloroethene	5.3	ug/Kg	U
SEE08301100JRP1	8/30/2010	Tetrachloroethene	5.3	ug/Kg	U
SEE10121040ARM1	10/12/2010	Tetrachloroethene	5.2	ug/Kg	U
SEF10121130PMB3	10/12/2010	Tetrachloroethene	5.2	ug/Kg	U
SEE09221045ARM1	9/22/2010	Tetrachloroethene	5.2	ug/Kg	U
SEE09100920JRP1	9/10/2010	Tetrachloroethene	5.1	ug/Kg	U
SEB08281400JLS1	8/28/2010	Tetrachloroethene	5.1	ug/kg	U
SEE09301025MAE1	9/30/2010	Tetrachloroethene	5.0	ug/Kg	U
SEE09051500JAW1	9/5/2010	Tetrachloroethene	5.0	ug/Kg	U
SEE10051145RCM1	10/5/2010	Tetrachloroethene	4.9	ug/Kg	U
SEE09070930JRP1	9/7/2010	Tetrachloroethene	4.9	ug/Kg	U
SEE10061135ARM1	10/6/2010	Tetrachloroethene	4.8	ug/Kg	U
SEE10181030JWP1	10/18/2010	Tetrachloroethene	4.6	ug/Kg	U
SEF09281139TDF1	9/28/2010	Tetrachloroethene	4.3	ug/Kg	U
SEE09231205RCM1	9/23/2010	Tetrachloroethene	3.3	ug/Kg	U
SEE08271445JRP1	8/27/2010	Tetrachloroethene	2.8	ug/kg	U
ML-07-S-082510	8/25/2010	Tetrachloroethene	0.73	mg/Kg	U
ML-03-S-082510	8/25/2010	Tetrachloroethene	0.43	mg/Kg	U
ML-06-S-082510	8/25/2010	Tetrachloroethene	0.42	mg/Kg	U
ML-07-S-082410	8/24/2010	Tetrachloroethene	0.41	mg/Kg	UJ
ML-06-S-082010	8/20/2010	Tetrachloroethene	0.38	mg/Kg	U
ML-08-S-082510	8/25/2010	Tetrachloroethene	0.37	mg/Kg	U
ML-08-S-082410	8/24/2010	Tetrachloroethene	0.37	mg/Kg	UJ
ML-06-S-082310	8/23/2010	Tetrachloroethene	0.37	mg/Kg	U
ML-07-S-082110	8/21/2010	Tetrachloroethene	0.37	mg/Kg	U
ML-08-S-082110	8/21/2010	Tetrachloroethene	0.37	mg/Kg	U
ML-10-S-082110	8/21/2010	Tetrachloroethene	0.37	mg/Kg	U
ML-10-S-082110	8/21/2010	Tetrachloroethene	0.37	mg/Kg	U
ML-10-S-081910	8/19/2010	Tetrachloroethene	0.37	mg/Kg	U
ML-10-S-081910	8/19/2010	Tetrachloroethene	0.37	mg/Kg	U
ML-07-S-081810	8/18/2010	Tetrachloroethene	0.37	mg/Kg	UJ
ML-09-S-081810	8/18/2010	Tetrachloroethene	0.37	mg/Kg	UJ
ML-10-S-082410	8/24/2010	Tetrachloroethene	0.36	mg/Kg	UJ
ML-10-S-082410	8/24/2010	Tetrachloroethene	0.36	mg/Kg	UJ
ML-01-S-081610	8/16/2010	Tetrachloroethene	0.35	mg/Kg	U
ML-10-S-081610	8/16/2010	Tetrachloroethene	0.35	mg/Kg	U
ML-10-S-081610	8/16/2010	Tetrachloroethene	0.35	mg/Kg	U
ML-04-S-082410	8/24/2010	Tetrachloroethene	0.34	mg/Kg	UJ
ML-03-S-082310	8/23/2010	Tetrachloroethene	0.34	mg/Kg	U
ML-10-S-082110-D	8/21/2010	Tetrachloroethene	0.34	mg/Kg	U
ML-10-S-082110-D	8/21/2010	Tetrachloroethene	0.34	mg/Kg	U
ML-07-S-081610	8/16/2010	Tetrachloroethene	0.34	mg/Kg	U
ML-08-S-081610-D	8/16/2010	Tetrachloroethene	0.34	mg/Kg	U
ML-04-S-082610	8/26/2010	Tetrachloroethene	0.33	mg/Kg	U
ML-05-S-082310	8/23/2010	Tetrachloroethene	0.33	mg/Kg	U
ML-05-S-082010	8/20/2010	Tetrachloroethene	0.33	mg/Kg	U
ML-10-S-082610	8/26/2010	Tetrachloroethene	0.32	mg/Kg	U
ML-10-S-082610	8/26/2010	Tetrachloroethene	0.32	mg/Kg	U
ML-06-S-081710	8/17/2010	Tetrachloroethene	0.32	mg/Kg	U
ML-08-S-081610	8/16/2010	Tetrachloroethene	0.32	mg/Kg	U
ML-01-S-082510	8/25/2010	Tetrachloroethene	0.31	mg/Kg	U
ML-09-S-082510	8/25/2010	Tetrachloroethene	0.31	mg/Kg	U



**TABLE B-2b**  
**Upstream Sediment Samples (Morrow Lake)**

Sample ID	Sample Date	Analyte	Result	Unit	Data Qualifier
ML-09-S-082410	8/24/2010	Tetrachloroethene	0.31	mg/Kg	UJ
ML-02-S-081710	8/17/2010	Tetrachloroethene	0.31	mg/Kg	U
ML-02-S-082510	8/25/2010	Tetrachloroethene	0.28	mg/Kg	U
ML-09-S-082110	8/21/2010	Tetrachloroethene	0.28	mg/Kg	U
ML-01-S-082110	8/21/2010	Tetrachloroethene	0.27	mg/Kg	U
ML-04-S-081710	8/17/2010	Tetrachloroethene	0.27	mg/Kg	U
ML-05-S-081710	8/17/2010	Tetrachloroethene	0.27	mg/Kg	U
ML-02-S-082310	8/23/2010	Tetrachloroethene	0.25	mg/Kg	U
ML-04-S-082010	8/20/2010	Tetrachloroethene	0.25	mg/Kg	U
ML-01-S-081910	8/19/2010	Tetrachloroethene	0.25	mg/Kg	U
ML-02-S-082010	8/20/2010	Tetrachloroethene	0.22	mg/Kg	U
ML-03-S-081610	8/16/2010	Tetrachloroethene	0.22	mg/Kg	U
ML-03-S-082010	8/20/2010	Tetrachloroethene	0.19	mg/Kg	U
ML-05-S-082610	8/26/2010	Tetrachloroethene	0.17	mg/Kg	U
SEE08261420RCM1	8/26/2010	Thallium	4590	ug/kg	U
SEE08281420TWH1	8/28/2010	Thallium	3620	ug/kg	U
SEB09011143JLS1	9/1/2010	Thallium	3300	ug/Kg	U
SEE08261620RCM1	8/26/2010	Thallium	3220	ug/kg	J
SEE08281510TWH1	8/28/2010	Thallium	2860	ug/kg	J
SEE08281630RCM1	8/28/2010	Thallium	2850	ug/kg	J
SEE08271215PML1	8/27/2010	Thallium	2840	ug/kg	J
SEE10051125PML1	10/5/2010	Thallium	2800	ug/Kg	U
SEE09301105JDF1	9/30/2010	Thallium	2800	ug/Kg	U
SEE09061500PML1	9/6/2010	Thallium	2700	ug/Kg	U
SEE08271500PML1	8/27/2010	Thallium	2670	ug/kg	J
SEE09231645JDF1	9/23/2010	Thallium	2600	ug/Kg	U
SEE09121105RCM1	9/12/2010	Thallium	2600	ug/Kg	U
SEE09101022PML1	9/10/2010	Thallium	2600	ug/Kg	U
SEE09091410RCM1	9/9/2010	Thallium	2600	ug/Kg	U
SEE09030925PML1	9/3/2010	Thallium	2600	ug/Kg	U
SEE08301130PML1	8/30/2010	Thallium	2600	ug/Kg	U
SEE08281215PML1	8/28/2010	Thallium	2560	ug/kg	J
SEE10091401PML1	10/9/2010	Thallium	2500	ug/Kg	U
SEE09181235PML1	9/18/2010	Thallium	2500	ug/Kg	U
SEE09101215PML1	9/10/2010	Thallium	2500	ug/Kg	U
SEE09061525MHS1	9/6/2010	Thallium	2500	ug/Kg	U
SEE09031645MHS1	9/3/2010	Thallium	2500	ug/Kg	U
SEE09021400PML1	9/2/2010	Thallium	2500	ug/Kg	U
SEE09011545PML1	9/1/2010	Thallium	2500	ug/Kg	U
SEE10171115JDF1	10/17/2010	Thallium	2400	ug/Kg	U
SEE10171410JDF1	10/17/2010	Thallium	2400	ug/Kg	U
SEE10131150JDF1	10/13/2010	Thallium	2400	ug/Kg	U
SEE10081115PML1	10/8/2010	Thallium	2400	ug/Kg	U
SEE10051653PML1	10/5/2010	Thallium	2400	ug/Kg	U
SEE10041530JDF1	10/4/2010	Thallium	2400	ug/Kg	U
SEE09301255JDF1	9/30/2010	Thallium	2400	ug/Kg	U
SEE09161045PML1	9/16/2010	Thallium	2400	ug/Kg	U
SEE09141135PML1	9/14/2010	Thallium	2400	ug/Kg	U
SEE09121436RCM1	9/12/2010	Thallium	2400	ug/Kg	U
SEE09051550MHS1	9/5/2010	Thallium	2400	ug/Kg	U
SEE09031100PML1	9/3/2010	Thallium	2400	ug/Kg	U
SEE09011545MHS1	9/1/2010	Thallium	2400	ug/Kg	U
SEE08311420PML1	8/31/2010	Thallium	2400	ug/Kg	U
SEE08311420PML1	8/31/2010	Thallium	2400	ug/Kg	U
SEE08301550PML1	8/30/2010	Thallium	2400	ug/Kg	U
SEE10161530JDF1	10/16/2010	Thallium	2300	ug/Kg	U
SEE10091614PML1	10/9/2010	Thallium	2300	ug/Kg	U
SEE10041138RCM1	10/4/2010	Thallium	2300	ug/Kg	U
SEE09291023RCM1	9/29/2010	Thallium	2300	ug/Kg	U
SEE09261625JDF1	9/26/2010	Thallium	2300	ug/Kg	U

**TABLE B-2b**  
**Upstream Sediment Samples (Morrow Lake)**

Sample ID	Sample Date	Analyte	Result	Unit	Data Qualifier
SEE09261625JDF1	9/26/2010	Thallium	2300	ug/Kg	U
SEE09231210JDF1	9/23/2010	Thallium	2300	ug/Kg	U
SEE09220935RCM1	9/22/2010	Thallium	2300	ug/Kg	U
SEE09191445RCM1	9/19/2010	Thallium	2300	ug/Kg	U
SEE09140945PML1	9/14/2010	Thallium	2300	ug/Kg	U
SEE09141515PML1	9/14/2010	Thallium	2300	ug/Kg	U
SEE09131026RCM1	9/13/2010	Thallium	2300	ug/Kg	U
SEE09131505PML1	9/13/2010	Thallium	2300	ug/Kg	U
SEE09101625PML1	9/10/2010	Thallium	2300	ug/Kg	U
SEE09091515PML1	9/9/2010	Thallium	2300	ug/Kg	U
SEE09081020RCM1	9/8/2010	Thallium	2300	ug/Kg	U
SEE09071050PML1	9/7/2010	Thallium	2300	ug/Kg	U
SEE09061105PML1	9/6/2010	Thallium	2300	ug/Kg	U
SEE09051130PML1	9/5/2010	Thallium	2300	ug/Kg	U
SEE09021010PML1	9/2/2010	Thallium	2300	ug/Kg	U
SEE08301638MHS1	8/30/2010	Thallium	2300	ug/Kg	U
SEE08291110PML1	8/29/2010	Thallium	2240	ug/kg	J
SEE10181035JDF1	10/18/2010	Thallium	2200	ug/Kg	U
SEE10181510JDF1	10/18/2010	Thallium	2200	ug/Kg	U
SEE10181510JDF1	10/18/2010	Thallium	2200	ug/Kg	U
SEE10141015JDF1	10/14/2010	Thallium	2200	ug/Kg	U
SEE10141550JDF1	10/14/2010	Thallium	2200	ug/Kg	U
SEE10141550JDF1	10/14/2010	Thallium	2200	ug/Kg	U
SEE10141555ARM1	10/14/2010	Thallium	2200	ug/Kg	U
SEE10121155JDF1	10/12/2010	Thallium	2200	ug/Kg	U
SEE10101215PML1	10/10/2010	Thallium	2200	ug/Kg	U
SEE10101215PML1	10/10/2010	Thallium	2200	ug/Kg	U
SEE10081051RCM1	10/8/2010	Thallium	2200	ug/Kg	U
SEE10081231PML1	10/8/2010	Thallium	2200	ug/Kg	U
SEE10061051RCM1	10/6/2010	Thallium	2200	ug/Kg	U
SEE10061205PML1	10/6/2010	Thallium	2200	ug/Kg	U
SEE10031115JDF1	10/3/2010	Thallium	2200	ug/Kg	U
SEE10031115JDF1	10/3/2010	Thallium	2200	ug/Kg	U
SEE09260930RCM1	9/26/2010	Thallium	2200	ug/Kg	U
SEE09261215JDF1	9/26/2010	Thallium	2200	ug/Kg	U
SEE09251135JDF1	9/25/2010	Thallium	2200	ug/Kg	U
SEE09230955RCM1	9/23/2010	Thallium	2200	ug/Kg	U
SEE09191040PML1	9/19/2010	Thallium	2200	ug/Kg	U
SEE09181705PML1	9/18/2010	Thallium	2200	ug/Kg	U
SEE09170839RCM1	9/17/2010	Thallium	2200	ug/Kg	U
SEE09151015PML1	9/15/2010	Thallium	2200	ug/Kg	U
SEE09131445RCM1	9/13/2010	Thallium	2200	ug/Kg	U
SEE09121055PML1	9/12/2010	Thallium	2200	ug/Kg	U
SEE09121055PML1	9/12/2010	Thallium	2200	ug/Kg	U
SEE09031650PML1	9/3/2010	Thallium	2200	ug/Kg	U
SEE09031650PML1	9/3/2010	Thallium	2200	ug/Kg	U
SEE09011050PML1	9/1/2010	Thallium	2200	ug/Kg	U
SEE08311045PML1	8/31/2010	Thallium	2200	ug/Kg	U
SEE08301145MHS1	8/30/2010	Thallium	2200	ug/Kg	U
SEE08271536TWH1	8/27/2010	Thallium	2190	ug/kg	
SEE08291550KAP1	8/29/2010	Thallium	2130	ug/kg	J
SEE10181210JDF1	10/18/2010	Thallium	2100	ug/Kg	U
SEE10150945JDF1	10/15/2010	Thallium	2100	ug/Kg	U
SEE10141150JDF1	10/14/2010	Thallium	2100	ug/Kg	U
SEE10120930JDF1	10/12/2010	Thallium	2100	ug/Kg	U
SEE10101010PML1	10/10/2010	Thallium	2100	ug/Kg	U
SEE10071042RCM1	10/7/2010	Thallium	2100	ug/Kg	U
SEE10061640PML1	10/6/2010	Thallium	2100	ug/Kg	U
SEE10061640PML1	10/6/2010	Thallium	2100	ug/Kg	U
SEE09301205RCM1	9/30/2010	Thallium	2100	ug/Kg	U

**TABLE B-2b**  
**Upstream Sediment Samples (Morrow Lake)**

Sample ID	Sample Date	Analyte	Result	Unit	Data Qualifier
SEE09200945PML1	9/20/2010	Thallium	2100	ug/Kg	U
SEE09200945PML1	9/20/2010	Thallium	2100	ug/Kg	U
SEE09201115RCM1	9/20/2010	Thallium	2100	ug/Kg	U
SEE09191530PML1	9/19/2010	Thallium	2100	ug/Kg	U
SEE09171415PML1	9/17/2010	Thallium	2100	ug/Kg	U
SEE09121450PML1	9/12/2010	Thallium	2100	ug/Kg	U
SEE09111015PML1	9/11/2010	Thallium	2100	ug/Kg	U
SEE09091005RCM1	9/9/2010	Thallium	2100	ug/Kg	U
SEE09081010PML1	9/8/2010	Thallium	2100	ug/Kg	U
SEE09081205PML1	9/8/2010	Thallium	2100	ug/Kg	U
SEE09040950PML1	9/4/2010	Thallium	2100	ug/Kg	U
SEE09041350PML1	9/4/2010	Thallium	2100	ug/Kg	U
SEE09031140MHS1	9/3/2010	Thallium	2100	ug/Kg	U
SEE08301520JRP1	8/30/2010	Thallium	2100	ug/Kg	U
SEE10181430JWP1	10/18/2010	Thallium	2000	ug/Kg	U
SEE10111125JDF1	10/11/2010	Thallium	2000	ug/Kg	U
SEE10041150JDF1	10/4/2010	Thallium	2000	ug/Kg	U
SEE10031425JDF1	10/3/2010	Thallium	2000	ug/Kg	U
SEE10011120JDF1	10/1/2010	Thallium	2000	ug/Kg	U
SEE09291035JDF1	9/29/2010	Thallium	2000	ug/Kg	U
SEE09250905RCM1	9/25/2010	Thallium	2000	ug/Kg	U
SEE09221440JDF1	9/22/2010	Thallium	2000	ug/Kg	U
SEE09211155JDF1	9/21/2010	Thallium	2000	ug/Kg	U
SEE09171445RCM1	9/17/2010	Thallium	2000	ug/Kg	U
SEE09161035RCM1	9/16/2010	Thallium	2000	ug/Kg	U
SEE09131125PML1	9/13/2010	Thallium	2000	ug/Kg	U
SEE09091605PML1	9/9/2010	Thallium	2000	ug/Kg	U
SEE09061130MHS1	9/6/2010	Thallium	2000	ug/Kg	U
SEE08261445JRP1	8/26/2010	Thallium	2000	ug/Kg	U
SEE08281607TWH1	8/28/2010	Thallium	1940	ug/kg	J
SEE10161055JDF1	10/16/2010	Thallium	1900	ug/Kg	U
SEE10161115ARM1	10/16/2010	Thallium	1900	ug/Kg	U
SEE10161415JDF1	10/16/2010	Thallium	1900	ug/Kg	U
SEE10121415ARM1	10/12/2010	Thallium	1900	ug/Kg	U
SEE10111011JDF1	10/11/2010	Thallium	1900	ug/Kg	U
SEE09271130JDF1	9/27/2010	Thallium	1900	ug/Kg	U
SEE09271515JDF1	9/27/2010	Thallium	1900	ug/Kg	U
SEE09171125PML1	9/17/2010	Thallium	1900	ug/Kg	U
SEE09130940PML1	9/13/2010	Thallium	1900	ug/Kg	U
SEE09131620PML1	9/13/2010	Thallium	1900	ug/Kg	U
SEE09091025JRP1	9/9/2010	Thallium	1900	ug/Kg	U
SEE09091145PML1	9/9/2010	Thallium	1900	ug/Kg	U
SEE09011255PML1	9/1/2010	Thallium	1900	ug/Kg	U
SEE08301445JRP1	8/30/2010	Thallium	1900	ug/Kg	U
SEE10151055ARM1	10/15/2010	Thallium	1800	ug/Kg	U
SEE10111350JDF1	10/11/2010	Thallium	1800	ug/Kg	U
SEE10071205PML1	10/7/2010	Thallium	1800	ug/Kg	U
SEE10071540PML1	10/7/2010	Thallium	1800	ug/Kg	U
SEE10040945JDF1	10/4/2010	Thallium	1800	ug/Kg	U
SEE10041050JDF1	10/4/2010	Thallium	1800	ug/Kg	U
SEE09301255MAE1	9/30/2010	Thallium	1800	ug/Kg	U
SEE09290925JDF1	9/29/2010	Thallium	1800	ug/Kg	U
SEE09211530JDF1	9/21/2010	Thallium	1800	ug/Kg	U
SEE09201645ARM1	9/20/2010	Thallium	1800	ug/Kg	U
SEE09170945PML1	9/17/2010	Thallium	1800	ug/Kg	U
SEE09171530PML1	9/17/2010	Thallium	1800	ug/Kg	U
SEE09091010PML1	9/9/2010	Thallium	1800	ug/Kg	U
SEE09091410PML1	9/9/2010	Thallium	1800	ug/Kg	U
SEE09051015PML1	9/5/2010	Thallium	1800	ug/Kg	U
SEE09051430PML1	9/5/2010	Thallium	1800	ug/Kg	U

**TABLE B-2b**  
**Upstream Sediment Samples (Morrow Lake)**

Sample ID	Sample Date	Analyte	Result	Unit	Data Qualifier
SEE09011635PML1	9/1/2010	Thallium	1800	ug/Kg	U
SEE08301015JRP1	8/30/2010	Thallium	1800	ug/Kg	U
SEE08301530JAW1	8/30/2010	Thallium	1800	ug/Kg	U
SEE08291421KAP1	8/29/2010	Thallium	1720	ug/kg	J
SEE10121030JDF1	10/12/2010	Thallium	1700	ug/Kg	U
SEE10041335JDF1	10/4/2010	Thallium	1700	ug/Kg	U
SEE09271025ARM1	9/27/2010	Thallium	1700	ug/Kg	U
SEE09231130ARM1	9/23/2010	Thallium	1700	ug/Kg	U
SEE09221105JDF1	9/22/2010	Thallium	1700	ug/Kg	U
SEE09211112RCM1	9/21/2010	Thallium	1700	ug/Kg	U
SEE09031115JAW1	9/3/2010	Thallium	1700	ug/Kg	U
SEE09011145PML1	9/1/2010	Thallium	1700	ug/Kg	U
SEE08271145RCM1	8/27/2010	Thallium	1610	ug/kg	J
SEE09291645JDF1	9/29/2010	Thallium	1600	ug/Kg	U
SEE09221615JDF1	9/22/2010	Thallium	1600	ug/Kg	U
SEE09141312RCM1	9/14/2010	Thallium	1600	ug/Kg	U
SEE09130955JRP1	9/13/2010	Thallium	1600	ug/Kg	U
SEE08281505PML1	8/28/2010	Thallium	1600	ug/kg	J
SEE08291354KAP1	8/29/2010	Thallium	1530	ug/kg	J
SEE10170915JDF1	10/17/2010	Thallium	1400	ug/Kg	U
SEE10151355ARM1	10/15/2010	Thallium	1400	ug/Kg	U
SEE10041355ARM1	10/4/2010	Thallium	1400	ug/Kg	U
SEE09090900JRP1	9/9/2010	Thallium	1400	ug/Kg	U
SEE08311010JRP1	8/31/2010	Thallium	1400	ug/Kg	U
SEE08311348MHS1	8/31/2010	Thallium	1400	ug/Kg	U
SEE08291445PML1	8/29/2010	Thallium	1370	ug/kg	J
SEE08281540JRP1	8/28/2010	Thallium	1310	ug/kg	U
SEE10071151RCM1	10/7/2010	Thallium	1300	ug/Kg	U
SEE10071415ARM1	10/7/2010	Thallium	1300	ug/Kg	U
SEE08271614TWH1	8/27/2010	Thallium	1240	ug/kg	J
SEE09151145PML1	9/15/2010	Thallium	1200	ug/Kg	J
SEE09151145PML1	9/15/2010	Thallium	1200	ug/Kg	J
SEE08300920JRP1	8/30/2010	Thallium	1200	ug/Kg	U
SEE10141025ARM1	10/14/2010	Thallium	1100	ug/Kg	U
SEE09051500MHS1	9/5/2010	Thallium	1100	ug/Kg	U
SEE10091200ARM1	10/9/2010	Thallium	1000	ug/Kg	U
SEE10071101PML1	10/7/2010	Thallium	1000	ug/Kg	J
SEB08281400JLS1	8/28/2010	Thallium	1000	ug/kg	J
SEE09130915JRP1	9/13/2010	Thallium	980	ug/Kg	U
SEE10051415ARM1	10/5/2010	Thallium	880	ug/Kg	U
SEE10171535ARM1	10/17/2010	Thallium	800	ug/Kg	U
SEE09061610JAW1	9/6/2010	Thallium	800	ug/Kg	U
SEE08261700JRP1	8/26/2010	Thallium	790	ug/Kg	U
SEE09100945RCM1	9/10/2010	Thallium	750	ug/Kg	U
SEE08271445JRP1	8/27/2010	Thallium	747	ug/kg	J
SEE10011125ARM1	10/1/2010	Thallium	740	ug/Kg	U
SEE09211120ARM1	9/21/2010	Thallium	730	ug/Kg	U
SEE09171200ARM1	9/17/2010	Thallium	730	ug/Kg	U
SEE10081035ARM1	10/8/2010	Thallium	720	ug/Kg	U
SEE09290915MAE1	9/29/2010	Thallium	720	ug/Kg	U
SEE08301410JRP1	8/30/2010	Thallium	710	ug/Kg	U
SEE09200911RCM1	9/20/2010	Thallium	700	ug/Kg	U
SEE09201110ARM1	9/20/2010	Thallium	700	ug/Kg	U
SEE09140945JRP1	9/14/2010	Thallium	700	ug/Kg	U
SEE09271500ARM1	9/27/2010	Thallium	690	ug/Kg	U
SEE09231205RCM1	9/23/2010	Thallium	690	ug/Kg	U
SEE10071045ARM1	10/7/2010	Thallium	680	ug/Kg	U
SEF10011045TDF1	10/1/2010	Thallium	670	ug/Kg	U
SEE09251235ARM1	9/25/2010	Thallium	670	ug/Kg	U
SEE09281445RCM1	9/28/2010	Thallium	660	ug/Kg	U

**TABLE B-2b**  
**Upstream Sediment Samples (Morrow Lake)**

Sample ID	Sample Date	Analyte	Result	Unit	Data Qualifier
SEE09100920JRP1	9/10/2010	Thallium	660	ug/Kg	U
SEF10121130PMB3	10/12/2010	Thallium	650	ug/Kg	U
SEE10041045ARM1	10/4/2010	Thallium	650	ug/Kg	U
SEE09051500JAW1	9/5/2010	Thallium	650	ug/Kg	U
SEE08301100JRP1	8/30/2010	Thallium	650	ug/Kg	U
SEF10151030PMB3	10/15/2010	Thallium	640	ug/Kg	U
SEE09231035ARM1	9/23/2010	Thallium	640	ug/Kg	U
SEF10081108TDF3	10/8/2010	Thallium	630	ug/Kg	U
SEE09301025MAE1	9/30/2010	Thallium	620	ug/Kg	U
SEE09070930JRP1	9/7/2010	Thallium	620	ug/Kg	U
SEE09221045ARM1	9/22/2010	Thallium	610	ug/Kg	U
SEE09170935RCM1	9/17/2010	Thallium	610	ug/Kg	U
SEE09080930JRP1	9/8/2010	Thallium	610	ug/Kg	U
SEE10131035ARM1	10/13/2010	Thallium	600	ug/Kg	U
SEE10061135ARM1	10/6/2010	Thallium	600	ug/Kg	U
SEE10051145RCM1	10/5/2010	Thallium	600	ug/Kg	U
SEF10051206TDF3	10/5/2010	Thallium	600	ug/Kg	U
SEE10121040ARM1	10/12/2010	Thallium	590	ug/Kg	U
SEE09011515JAW1	9/1/2010	Thallium	580	ug/Kg	U
SEF09281139TDF1	9/28/2010	Thallium	550	ug/Kg	U
SEE10181030JWP1	10/18/2010	Thallium	540	ug/Kg	U
SEE08271652TWH1	8/27/2010	Thallium	491	ug/kg	J
SEE09291135JDF1	9/29/2010	Thallium	470	ug/Kg	J
SEE09150915JRP1	9/15/2010	Thallium	400	ug/Kg	J
SEE10011043RCM1	10/1/2010	Thallium	200	ug/Kg	U
SEE10211035JDF1	10/21/2010	Toluene	930	ug/Kg	U
SEE10191515JDF1	10/19/2010	Toluene	850	ug/Kg	U
SEE10191005JDF1	10/19/2010	Toluene	820	ug/Kg	U
SEE10211430JDF1	10/21/2010	Toluene	810	ug/Kg	U
SEE10221110JDF1	10/22/2010	Toluene	790	ug/Kg	U
SEE10221110JDF1	10/22/2010	Toluene	790	ug/Kg	U
SEE10191415JDF1	10/19/2010	Toluene	760	ug/Kg	U
SEE10191155JDF1	10/19/2010	Toluene	730	ug/Kg	U
SEE10211010JWP1	10/21/2010	Toluene	710	ug/Kg	U
SEE10191100JDF1	10/19/2010	Toluene	710	ug/Kg	U
SEE10221055DWS1	10/22/2010	Toluene	680	ug/Kg	U
SEE10191010JWP1	10/19/2010	Toluene	680	ug/Kg	U
SEE10221450DWS1	10/22/2010	Toluene	370	ug/Kg	U
SEE10211345JWP1	10/21/2010	Toluene	330	ug/Kg	U
SEF10221050MAE3	10/22/2010	Toluene	230	ug/Kg	U
SEF10191135NAC3	10/19/2010	Toluene	220	ug/Kg	U
SEE10191115JWP1	10/19/2010	Toluene	200	ug/Kg	U
SEE09200945PML1	9/20/2010	Toluene	60	ug/Kg	U
SEE09200945PML1	9/20/2010	Toluene	60	ug/Kg	U
SEE09201115RCM1	9/20/2010	Toluene	58	ug/Kg	U
SEE09201645ARM1	9/20/2010	Toluene	48	ug/Kg	U
SEE10071042RCM1	10/7/2010	Toluene	45	ug/Kg	UJ
SEE09061500PML1	9/6/2010	Toluene	45	ug/Kg	U
SEE08281607TWH1	8/28/2010	Toluene	44	ug/kg	U
SEE09301105JDF1	9/30/2010	Toluene	42	ug/Kg	U
SEE09181705PML1	9/18/2010	Toluene	42	ug/Kg	U
SEE09021400PML1	9/2/2010	Toluene	41	ug/Kg	U
SEE08301130PML1	8/30/2010	Toluene	41	ug/Kg	U
SEE10091401PML1	10/9/2010	Toluene	40	ug/Kg	U
SEE10181035JDF1	10/18/2010	Toluene	39	ug/Kg	U
SEE10051125PML1	10/5/2010	Toluene	39	ug/Kg	U
SEE08311045PML1	8/31/2010	Toluene	39	ug/Kg	U
SEE10141555ARM1	10/14/2010	Toluene	38	ug/Kg	U
SEE09101215PML1	9/10/2010	Toluene	38	ug/Kg	U
SEE10161530JDF1	10/16/2010	Toluene	37	ug/Kg	U

**TABLE B-2b**  
**Upstream Sediment Samples (Morrow Lake)**

Sample ID	Sample Date	Analyte	Result	Unit	Data Qualifier
SEE10081115PML1	10/8/2010	Toluene	37	ug/Kg	U
SEE09030925PML1	9/3/2010	Toluene	37	ug/Kg	U
SEE09031115JAW1	9/3/2010	Toluene	37	ug/Kg	U
SEE08281505PML1	8/28/2010	Toluene	37	ug/kg	U
SEE10171410JDF1	10/17/2010	Toluene	36	ug/Kg	U
SEE09191530PML1	9/19/2010	Toluene	36	ug/Kg	U
SEE09181235PML1	9/18/2010	Toluene	36	ug/Kg	U
SEE09141135PML1	9/14/2010	Toluene	36	ug/Kg	U
SEE09101022PML1	9/10/2010	Toluene	36	ug/Kg	U
SEE10171115JDF1	10/17/2010	Toluene	35	ug/Kg	U
SEE08311420PML1	8/31/2010	Toluene	35	ug/Kg	U
SEE08311420PML1	8/31/2010	Toluene	35	ug/Kg	U
SEE08271215PML1	8/27/2010	Toluene	35	ug/kg	U
SEE10141015JDF1	10/14/2010	Toluene	34	ug/Kg	U
SEE10041530JDF1	10/4/2010	Toluene	34	ug/Kg	U
SEE09121105RCM1	9/12/2010	Toluene	34	ug/Kg	U
SEE09011545PML1	9/1/2010	Toluene	34	ug/Kg	U
SEE08301550PML1	8/30/2010	Toluene	34	ug/Kg	U
SEE10181210JDF1	10/18/2010	Toluene	33	ug/Kg	U
SEE10181430JWP1	10/18/2010	Toluene	33	ug/Kg	U
SEE10181510JDF1	10/18/2010	Toluene	33	ug/Kg	U
SEE10181510JDF1	10/18/2010	Toluene	33	ug/Kg	U
SEE10131150JDF1	10/13/2010	Toluene	33	ug/Kg	U
SEE10101010PML1	10/10/2010	Toluene	33	ug/Kg	U
SEE10101215PML1	10/10/2010	Toluene	33	ug/Kg	U
SEE10101215PML1	10/10/2010	Toluene	33	ug/Kg	U
SEE09140945PML1	9/14/2010	Toluene	33	ug/Kg	U
SEE09061525MHS1	9/6/2010	Toluene	33	ug/Kg	U
SEE09051130PML1	9/5/2010	Toluene	33	ug/Kg	U
SEE09031100PML1	9/3/2010	Toluene	33	ug/Kg	U
SEE09021010PML1	9/2/2010	Toluene	33	ug/Kg	U
SEE08281630RCM1	8/28/2010	Toluene	33	ug/kg	U
SEE10031115JDF1	10/3/2010	Toluene	32	ug/Kg	U
SEE10031115JDF1	10/3/2010	Toluene	32	ug/Kg	U
SEE09301205RCM1	9/30/2010	Toluene	32	ug/Kg	U
SEE09301255JDF1	9/30/2010	Toluene	32	ug/Kg	U
SEE09231645JDF1	9/23/2010	Toluene	32	ug/Kg	U
SEE09141515PML1	9/14/2010	Toluene	32	ug/Kg	U
SEE09101625PML1	9/10/2010	Toluene	32	ug/Kg	U
SEE09091005RCM1	9/9/2010	Toluene	32	ug/Kg	U
SEE09061105PML1	9/6/2010	Toluene	32	ug/Kg	U
SEE09031650PML1	9/3/2010	Toluene	32	ug/Kg	U
SEE09031650PML1	9/3/2010	Toluene	32	ug/Kg	U
SEE10081231PML1	10/8/2010	Toluene	31	ug/Kg	U
SEE09231210JDF1	9/23/2010	Toluene	31	ug/Kg	U
SEE09161045PML1	9/16/2010	Toluene	31	ug/Kg	U
SEE09081205PML1	9/8/2010	Toluene	31	ug/Kg	U
SEE09071050PML1	9/7/2010	Toluene	31	ug/Kg	U
SEE08301145MHS1	8/30/2010	Toluene	31	ug/Kg	U
SEE10161115ARM1	10/16/2010	Toluene	30	ug/Kg	U
SEE10120930JDF1	10/12/2010	Toluene	30	ug/Kg	U
SEE10071101PML1	10/7/2010	Toluene	30	ug/Kg	UJ
SEE09261625JDF1	9/26/2010	Toluene	30	ug/Kg	U
SEE09261625JDF1	9/26/2010	Toluene	30	ug/Kg	U
SEE09131445RCM1	9/13/2010	Toluene	30	ug/Kg	U
SEE09121055PML1	9/12/2010	Toluene	30	ug/Kg	U
SEE09121055PML1	9/12/2010	Toluene	30	ug/Kg	U
SEE09121436RCM1	9/12/2010	Toluene	30	ug/Kg	U
SEE09091410RCM1	9/9/2010	Toluene	30	ug/Kg	U
SEE09011050PML1	9/1/2010	Toluene	30	ug/Kg	U

**TABLE B-2b**  
**Upstream Sediment Samples (Morrow Lake)**

Sample ID	Sample Date	Analyte	Result	Unit	Data Qualifier
SEE10081051RCM1	10/8/2010	Toluene	29	ug/Kg	U
SEE10061640PML1	10/6/2010	Toluene	29	ug/Kg	U
SEE10061640PML1	10/6/2010	Toluene	29	ug/Kg	U
SEE10051653PML1	10/5/2010	Toluene	29	ug/Kg	U
SEE09261215JDF1	9/26/2010	Toluene	29	ug/Kg	U
SEE09231130ARM1	9/23/2010	Toluene	29	ug/Kg	U
SEE09191040PML1	9/19/2010	Toluene	29	ug/Kg	U
SEE09131026RCM1	9/13/2010	Toluene	29	ug/Kg	U
SEE09131505PML1	9/13/2010	Toluene	29	ug/Kg	U
SEE09040950PML1	9/4/2010	Toluene	29	ug/Kg	U
SEE10011120JDF1	10/1/2010	Toluene	28	ug/Kg	U
SEE09211155JDF1	9/21/2010	Toluene	28	ug/Kg	U
SEE09171415PML1	9/17/2010	Toluene	28	ug/Kg	U
SEE09151145PML1	9/15/2010	Toluene	28	ug/Kg	U
SEE09151145PML1	9/15/2010	Toluene	28	ug/Kg	U
SEE09131620PML1	9/13/2010	Toluene	28	ug/Kg	U
SEE09121450PML1	9/12/2010	Toluene	28	ug/Kg	U
SEE09091515PML1	9/9/2010	Toluene	28	ug/Kg	U
SEE09081010PML1	9/8/2010	Toluene	28	ug/Kg	U
SEE09081020RCM1	9/8/2010	Toluene	28	ug/Kg	U
SEE09011255PML1	9/1/2010	Toluene	28	ug/Kg	U
SEE08301015JRP1	8/30/2010	Toluene	28	ug/Kg	U
SEE10091614PML1	10/9/2010	Toluene	27	ug/Kg	U
SEE10061205PML1	10/6/2010	Toluene	27	ug/Kg	U
SEE10041150JDF1	10/4/2010	Toluene	27	ug/Kg	U
SEE09251135JDF1	9/25/2010	Toluene	27	ug/Kg	U
SEE09221440JDF1	9/22/2010	Toluene	27	ug/Kg	U
SEE09170839RCM1	9/17/2010	Toluene	27	ug/Kg	U
SEE09151015PML1	9/15/2010	Toluene	27	ug/Kg	U
SEE08291110PML1	8/29/2010	Toluene	27	ug/kg	U
SEE10141150JDF1	10/14/2010	Toluene	26	ug/Kg	U
SEE10141550JDF1	10/14/2010	Toluene	26	ug/Kg	U
SEE10141550JDF1	10/14/2010	Toluene	26	ug/Kg	U
SEE10121155JDF1	10/12/2010	Toluene	26	ug/Kg	U
SEE09271130JDF1	9/27/2010	Toluene	26	ug/Kg	U
SEE09131125PML1	9/13/2010	Toluene	26	ug/Kg	U
SEE09091010PML1	9/9/2010	Toluene	26	ug/Kg	U
SEE09091145PML1	9/9/2010	Toluene	26	ug/Kg	U
SEE09091410PML1	9/9/2010	Toluene	26	ug/Kg	U
SEE09061130MHS1	9/6/2010	Toluene	26	ug/Kg	U
SEE09011145PML1	9/1/2010	Toluene	26	ug/Kg	U
SEE08301638MHS1	8/30/2010	Toluene	26	ug/Kg	U
SEE10151055ARM1	10/15/2010	Toluene	25	ug/Kg	U
SEE10121415ARM1	10/12/2010	Toluene	25	ug/Kg	U
SEE10111125JDF1	10/11/2010	Toluene	25	ug/Kg	U
SEE10031425JDF1	10/3/2010	Toluene	25	ug/Kg	U
SEE09291035JDF1	9/29/2010	Toluene	25	ug/Kg	U
SEE09220935RCM1	9/22/2010	Toluene	25	ug/Kg	U
SEE09111015PML1	9/11/2010	Toluene	25	ug/Kg	U
SEE09051015PML1	9/5/2010	Toluene	25	ug/Kg	U
SEE08301445JRP1	8/30/2010	Toluene	25	ug/Kg	U
SEE10161415JDF1	10/16/2010	Toluene	24	ug/Kg	U
SEE10040945JDF1	10/4/2010	Toluene	24	ug/Kg	U
SEE09230955RCM1	9/23/2010	Toluene	24	ug/Kg	U
SEE09211530JDF1	9/21/2010	Toluene	24	ug/Kg	U
SEE09170945PML1	9/17/2010	Toluene	24	ug/Kg	U
SEE09171125PML1	9/17/2010	Toluene	24	ug/Kg	U
SEE09130955JRP1	9/13/2010	Toluene	24	ug/Kg	U
SEE09091605PML1	9/9/2010	Toluene	24	ug/Kg	U
SEE09041350PML1	9/4/2010	Toluene	24	ug/Kg	U

**TABLE B-2b**  
**Upstream Sediment Samples (Morrow Lake)**

Sample ID	Sample Date	Analyte	Result	Unit	Data Qualifier
SEE10071205PML1	10/7/2010	Toluene	23	ug/Kg	UJ
SEE10071540PML1	10/7/2010	Toluene	23	ug/Kg	UJ
SEE10041335JDF1	10/4/2010	Toluene	23	ug/Kg	U
SEE09271025ARM1	9/27/2010	Toluene	23	ug/Kg	U
SEE09171530PML1	9/17/2010	Toluene	23	ug/Kg	U
SEE09051430PML1	9/5/2010	Toluene	23	ug/Kg	U
SEE08271500PML1	8/27/2010	Toluene	23	ug/kg	U
SEE10150945JDF1	10/15/2010	Toluene	22	ug/Kg	U
SEE10111011JDF1	10/11/2010	Toluene	22	ug/Kg	U
SEE10111350JDF1	10/11/2010	Toluene	22	ug/Kg	U
SEE10061051RCM1	10/6/2010	Toluene	22	ug/Kg	U
SEE10041355ARM1	10/4/2010	Toluene	22	ug/Kg	U
SEE09271515JDF1	9/27/2010	Toluene	22	ug/Kg	U
SEE09221105JDF1	9/22/2010	Toluene	22	ug/Kg	U
SEE09130940PML1	9/13/2010	Toluene	22	ug/Kg	U
SEE08281215PML1	8/28/2010	Toluene	22	ug/kg	U
SEE10121030JDF1	10/12/2010	Toluene	21	ug/Kg	U
SEE09290925JDF1	9/29/2010	Toluene	21	ug/Kg	U
SEE09091025JRP1	9/9/2010	Toluene	21	ug/Kg	U
SEE09011635PML1	9/1/2010	Toluene	21	ug/Kg	U
SEE08301520JRP1	8/30/2010	Toluene	21	ug/Kg	U
SEE08281420TWH1	8/28/2010	Toluene	21	ug/kg	U
SEE08261445JRP1	8/26/2010	Toluene	21	ug/Kg	U
SEE10161055JDF1	10/16/2010	Toluene	20	ug/Kg	U
SEE10151355ARM1	10/15/2010	Toluene	20	ug/Kg	U
SEE10071415ARM1	10/7/2010	Toluene	20	ug/Kg	UJ
SEE09031140MHS1	9/3/2010	Toluene	20	ug/Kg	U
SEE08271145RCM1	8/27/2010	Toluene	20	ug/kg	U
SEE10041050JDF1	10/4/2010	Toluene	19	ug/Kg	U
SEE09301255MAE1	9/30/2010	Toluene	19	ug/Kg	U
SEE09291645JDF1	9/29/2010	Toluene	19	ug/Kg	U
SEE09051550MHS1	9/5/2010	Toluene	19	ug/Kg	U
SEE09031645MHS1	9/3/2010	Toluene	19	ug/Kg	U
SEE10041138RCM1	10/4/2010	Toluene	18	ug/Kg	U
SEE09221615JDF1	9/22/2010	Toluene	18	ug/Kg	U
SEE09191445RCM1	9/19/2010	Toluene	18	ug/Kg	U
SEE08311010JRP1	8/31/2010	Toluene	18	ug/Kg	U
SEE09250905RCM1	9/25/2010	Toluene	17	ug/Kg	U
SEE09200911RCM1	9/20/2010	Toluene	17	ug/Kg	U
SEE09090900JRP1	9/9/2010	Toluene	17	ug/Kg	U
SEE09011545MHS1	9/1/2010	Toluene	17	ug/Kg	U
SEE08281510TWH1	8/28/2010	Toluene	17	ug/kg	U
SEE10170915JDF1	10/17/2010	Toluene	16	ug/Kg	U
SEE09291135JDF1	9/29/2010	Toluene	16	ug/Kg	U
SEE09260930RCM1	9/26/2010	Toluene	16	ug/Kg	U
SOTF-E-Q-37.28-L01-0.0-0.4-FD	9/9/2010	Toluene	15	mg/kg	
SEE09201110ARM1	9/20/2010	Toluene	15	ug/Kg	U
SEE08301530JAW1	8/30/2010	Toluene	15	ug/Kg	U
SEE10071151RCM1	10/7/2010	Toluene	14	ug/Kg	UJ
SEE09211112RCM1	9/21/2010	Toluene	14	ug/Kg	U
SEE08311348MHS1	8/31/2010	Toluene	14	ug/Kg	U
SEE08300920JRP1	8/30/2010	Toluene	14	ug/Kg	U
SEE08261620RCM1	8/26/2010	Toluene	14	ug/kg	U
SOTF-E-Q-37.05-L03-0.0-0.5	9/20/2010	Toluene	13	mg/kg	
SEE10141025ARM1	10/14/2010	Toluene	12	ug/Kg	U
SEE09130915JRP1	9/13/2010	Toluene	12	ug/Kg	U
SOTF-E-Q-36.84-L01-0.0-0.5	9/10/2010	Toluene	11	mg/kg	
SEE09291023RCM1	9/29/2010	Toluene	11	ug/Kg	U
SEE09171445RCM1	9/17/2010	Toluene	11	ug/Kg	U
SEE09161035RCM1	9/16/2010	Toluene	11	ug/Kg	U



**TABLE B-2b**  
**Upstream Sediment Samples (Morrow Lake)**

Sample ID	Sample Date	Analyte	Result	Unit	Data Qualifier
SOTF-E-Q-36.97-L01-0.0-0.2	9/8/2010	Toluene	10	mg/kg	
SEE09141312RCM1	9/14/2010	Toluene	10	ug/Kg	U
SEE08291445PML1	8/29/2010	Toluene	10	ug/kg	U
SEE10051415ARM1	10/5/2010	Toluene	8.7	ug/Kg	U
SEE09061610JAW1	9/6/2010	Toluene	8.5	ug/Kg	U
SEE10011125ARM1	10/1/2010	Toluene	8.2	ug/Kg	U
SEE08261700JRP1	8/26/2010	Toluene	8.2	ug/Kg	U
SEE09051500MHS1	9/5/2010	Toluene	8.0	ug/Kg	U
SEE10171535ARM1	10/17/2010	Toluene	7.9	ug/Kg	U
SEE09231035ARM1	9/23/2010	Toluene	7.9	ug/Kg	U
SEE09171200ARM1	9/17/2010	Toluene	7.9	ug/Kg	U
SEE08271614TWH1	8/27/2010	Toluene	7.8	ug/kg	U
SEE10081035ARM1	10/8/2010	Toluene	7.6	ug/Kg	U
SOTF-E-Q-37.09-L01-0.7-1.0	9/9/2010	Toluene	7.5	mg/kg	
SEE09100945RCM1	9/10/2010	Toluene	7.5	ug/Kg	U
SEE09211120ARM1	9/21/2010	Toluene	7.4	ug/Kg	U
SEB09011143JLS1	9/1/2010	Toluene	7.1	ug/Kg	U
SEE08301410JRP1	8/30/2010	Toluene	7.0	ug/Kg	U
SEE09281445RCM1	9/28/2010	Toluene	6.5	ug/Kg	U
SOTF-E-Q-37.08-L02-0.0-0.7-FD	9/20/2010	Toluene	6.2	mg/kg	
SEE09271500ARM1	9/27/2010	Toluene	6.2	ug/Kg	U
SEE09170935RCM1	9/17/2010	Toluene	6.1	ug/Kg	U
SEF10011045TDF1	10/1/2010	Toluene	6.0	ug/Kg	U
SEE09150915JRP1	9/15/2010	Toluene	6.0	ug/Kg	U
SEE10011043RCM1	10/1/2010	Toluene	5.8	ug/Kg	U
SEE09290915MAE1	9/29/2010	Toluene	5.8	ug/Kg	U
SEE10131035ARM1	10/13/2010	Toluene	5.5	ug/Kg	U
SEE10071045ARM1	10/7/2010	Toluene	5.5	ug/Kg	UJ
SEE10041045ARM1	10/4/2010	Toluene	5.5	ug/Kg	U
SEF10151030PMB3	10/15/2010	Toluene	5.4	ug/Kg	U
SEF10081108TDF3	10/8/2010	Toluene	5.4	ug/Kg	U
SEE09251235ARM1	9/25/2010	Toluene	5.4	ug/Kg	U
SEE08281540JRP1	8/28/2010	Toluene	5.4	ug/kg	U
SOTF-E-Q-37.07-L01-0.6-1.2	9/8/2010	Toluene	5.3	mg/kg	
SEF10051206TDF3	10/5/2010	Toluene	5.3	ug/Kg	U
SEE09140945JRP1	9/14/2010	Toluene	5.3	ug/Kg	U
SEE09080930JRP1	9/8/2010	Toluene	5.3	ug/Kg	U
SEE09011515JAW1	9/1/2010	Toluene	5.3	ug/Kg	U
SEE08301100JRP1	8/30/2010	Toluene	5.3	ug/Kg	U
SOTF-E-Q-36.82-L01-0.8-1.3	9/10/2010	Toluene	5.2	mg/kg	
SEF10121130PMB3	10/12/2010	Toluene	5.2	ug/Kg	U
SEE09221045ARM1	9/22/2010	Toluene	5.2	ug/Kg	U
SEE09100920JRP1	9/10/2010	Toluene	5.1	ug/Kg	U
SEB08281400JLS1	8/28/2010	Toluene	5.1	ug/kg	U
SEE09301025MAE1	9/30/2010	Toluene	5.0	ug/Kg	U
SEE09051500JAW1	9/5/2010	Toluene	5.0	ug/Kg	U
SEE10051145RCM1	10/5/2010	Toluene	4.9	ug/Kg	U
SEE09070930JRP1	9/7/2010	Toluene	4.9	ug/Kg	U
SOTF-E-Q-36.82-L01-1.3-1.6	9/10/2010	Toluene	4.7	mg/kg	
SEE10181030JWP1	10/18/2010	Toluene	4.6	ug/Kg	U
SEF09281139TDF1	9/28/2010	Toluene	4.3	ug/Kg	U
SEE10061135ARM1	10/6/2010	Toluene	4.0	ug/Kg	J
SOTF-E-Q-37.08-L02-0.7-1.3	9/20/2010	Toluene	3.9	mg/kg	
SOTF-E-Q-36.84-L01-0.5-1.0	9/10/2010	Toluene	3.8	mg/kg	
SOTF-E-Q-36.87-L01-0.0-0.5	9/10/2010	Toluene	3.8	mg/kg	
SOTF-E-Q-37.28-L02-1.7-2.1	9/11/2010	Toluene	3.3	mg/kg	
SEE09231205RCM1	9/23/2010	Toluene	3.3	ug/Kg	U
SOTF-E-Q-37.07-L01-0.0-0.2	9/8/2010	Toluene	3.2	mg/kg	
SOTF-E-Q-37.28-L02-1.1-1.7	9/11/2010	Toluene	3.1	mg/kg	
SOTF-E-Q-37.17-L01-0.0-0.4	9/20/2010	Toluene	2.9	mg/kg	

**TABLE B-2b**  
**Upstream Sediment Samples (Morrow Lake)**

Sample ID	Sample Date	Analyte	Result	Unit	Data Qualifier
SOTF-E-Q-36.78-L02-0.8-1.1	9/11/2010	Toluene	2.9	mg/kg	
SOTF-E-Q-37.15-L01-0.7-1.4	9/8/2010	Toluene	2.9	mg/kg	
SEE08261420RCM1	8/26/2010	Toluene	2.9	ug/kg	J
SOTF-E-Q-36.86-L01-1.6-2.3	9/10/2010	Toluene	2.8	mg/kg	
SEE08271445JRP1	8/27/2010	Toluene	2.8	ug/kg	U
SOTF-E-Q-36.78-L01-0.0-0.6	9/11/2010	Toluene	2.5	mg/kg	
SOTF-E-Q-37.09-L01-0.0-0.2	9/9/2010	Toluene	2.4	mg/kg	
SEE10091200ARM1	10/9/2010	Toluene	2.3	ug/Kg	J
SOTF-E-Q-37.05-L03-0.5-1.1	9/20/2010	Toluene	2.2	mg/kg	
SOTF-E-Q-37.28-L02-0.5-1.1	9/11/2010	Toluene	2.2	mg/kg	
SOTF-E-Q-36.87-L01-0.9-1.5	9/10/2010	Toluene	2.2	mg/kg	
SOTF-E-Q-37.28-L02-0.0-0.5	9/11/2010	Toluene	2.1	mg/kg	
SOTF-E-Q-37.28-L01-0.4-0.7	9/9/2010	Toluene	2.0	mg/kg	
SOTF-E-Q-37.07-L01-0.2-0.6	9/8/2010	Toluene	1.9	mg/kg	
SOTF-E-Q-36.84-L01-1.0-1.6	9/10/2010	Toluene	1.8	mg/kg	
SOTF-E-Q-36.86-L01-1.0-1.6	9/10/2010	Toluene	1.8	mg/kg	
SOTF-E-Q-37.05-L01-0.6-0.9	9/8/2010	Toluene	1.7	mg/kg	
SEE08291421KAP1	8/29/2010	Toluene	1.7	ug/kg	J
SOTF-E-Q-36.92-L01-0.7-1.1	9/9/2010	Toluene	1.6	mg/kg	
SOTF-E-Q-36.95-L01-0.0-0.5	9/8/2010	Toluene	1.6	mg/kg	
SOTF-E-Q-36.97-L01-0.2-0.4	9/8/2010	Toluene	1.6	mg/kg	
SOTF-E-Q-36.82-L01-0.4-0.8	9/10/2010	Toluene	1.5	mg/kg	
SOTF-E-Q-37.08-L01-0.4-0.7	9/9/2010	Toluene	1.5	mg/kg	
SOTF-E-Q-36.92-L01-0.0-0.7-FD	9/9/2010	Toluene	1.4	mg/kg	
SOTF-E-Q-37.28-L01-1.2-1.7	9/9/2010	Toluene	1.4	mg/kg	
SOTF-E-Q-37.05-L02-0.0-0.5	9/8/2010	Toluene	1.4	mg/kg	
SOTF-E-Q-36.78-L02-0.4-0.8	9/11/2010	Toluene	1.3	mg/kg	
SOTF-E-Q-36.92-L01-1.1-1.6	9/9/2010	Toluene	1.3	mg/kg	
SOTF-E-Q-37.05-L02-0.5-1.1	9/8/2010	Toluene	1.3	mg/kg	
SOTF-E-Q-37.15-L01-1.4-1.6	9/8/2010	Toluene	1.2	mg/kg	
SOTF-E-Q-36.86-L01-0.5-1.0	9/10/2010	Toluene	1.1	mg/kg	
SOTF-E-Q-37.05-L02-1.1-1.5	9/8/2010	Toluene	1.1	mg/kg	
SOTF-E-Q-37.15-L01-0.0-0.7	9/8/2010	Toluene	1.1	mg/kg	
SEE08291550KAP1	8/29/2010	Toluene	1.1	ug/kg	J
SOTF-E-Q-36.78-L01-1.1-1.5	9/11/2010	Toluene	1.0	mg/kg	
SOTF-E-Q-37.09-L01-0.2-0.7	9/9/2010	Toluene	1.0	mg/kg	
SOTF-E-Q-36.82-L01-0.0-0.4	9/10/2010	Toluene	0.87	mg/kg	
SEE10121040ARM1	10/12/2010	Toluene	0.78	ug/Kg	J
ML-07-S-082510	8/25/2010	Toluene	0.73	mg/Kg	U
SOTF-E-Q-36.95-L01-0.5-0.9	9/8/2010	Toluene	0.72	mg/kg	
SOTF-E-Q-37.07-L01-1.2-1.9	9/8/2010	Toluene	0.69	mg/kg	
SOTF-E-Q-36.97-L01-0.4-1.0	9/8/2010	Toluene	0.67	mg/kg	
SOTF-E-Q-37.28-L01-0.7-1.2	9/9/2010	Toluene	0.65	mg/kg	
SOTF-E-Q-37.08-L02-1.3-1.6	9/20/2010	Toluene	0.62	mg/kg	
SEE08291354KAP1	8/29/2010	Toluene	0.62	ug/kg	J
SEE08271652TWH1	8/27/2010	Toluene	0.50	ug/kg	J
SOTF-E-Q-36.96-L01-0.0-0.4	9/7/2010	Toluene	0.49	mg/kg	
SOTF-E-Q-36.96-L01-0.0-0.4	9/7/2010	Toluene	0.49	mg/kg	
SOTF-E-Q-36.86-L01-0.0-0.5-FD	9/10/2010	Toluene	0.45	mg/kg	
ML-03-S-082510	8/25/2010	Toluene	0.43	mg/Kg	U
SOTF-E-Q-36.78-L01-0.8-1.1	9/11/2010	Toluene	0.42	mg/kg	
ML-06-S-082510	8/25/2010	Toluene	0.42	mg/Kg	U
ML-07-S-082410	8/24/2010	Toluene	0.41	mg/Kg	UJ
SEE08271536TWH1	8/27/2010	Toluene	0.41	ug/kg	J
ML-06-S-082010	8/20/2010	Toluene	0.38	mg/Kg	U
ML-08-S-082510	8/25/2010	Toluene	0.37	mg/Kg	U
ML-08-S-082410	8/24/2010	Toluene	0.37	mg/Kg	UJ
ML-06-S-082310	8/23/2010	Toluene	0.37	mg/Kg	U
ML-07-S-082110	8/21/2010	Toluene	0.37	mg/Kg	U
ML-08-S-082110	8/21/2010	Toluene	0.37	mg/Kg	U

**TABLE B-2b**  
**Upstream Sediment Samples (Morrow Lake)**

Sample ID	Sample Date	Analyte	Result	Unit	Data Qualifier
ML-10-S-082110	8/21/2010	Toluene	0.37	mg/Kg	U
ML-10-S-082110	8/21/2010	Toluene	0.37	mg/Kg	U
ML-10-S-081910	8/19/2010	Toluene	0.37	mg/Kg	U
ML-10-S-081910	8/19/2010	Toluene	0.37	mg/Kg	U
ML-07-S-081810	8/18/2010	Toluene	0.37	mg/Kg	UJ
ML-09-S-081810	8/18/2010	Toluene	0.37	mg/Kg	UJ
SOTF-E-Q-36.97-L02-0.5-1.1	9/9/2010	Toluene	0.36	mg/kg	
ML-10-S-082410	8/24/2010	Toluene	0.36	mg/Kg	UJ
ML-10-S-082410	8/24/2010	Toluene	0.36	mg/Kg	UJ
SOTF-E-Q-36.78-L02-0.0-0.4	9/11/2010	Toluene	0.35	mg/kg	
ML-01-S-081610	8/16/2010	Toluene	0.35	mg/Kg	U
ML-10-S-081610	8/16/2010	Toluene	0.35	mg/Kg	U
ML-10-S-081610	8/16/2010	Toluene	0.35	mg/Kg	U
SOTF-E-Q-36.78-L01-0.6-0.8	9/11/2010	Toluene	0.34	mg/kg	
ML-04-S-082410	8/24/2010	Toluene	0.34	mg/Kg	UJ
ML-03-S-082310	8/23/2010	Toluene	0.34	mg/Kg	U
ML-10-S-082110-D	8/21/2010	Toluene	0.34	mg/Kg	U
ML-10-S-082110-D	8/21/2010	Toluene	0.34	mg/Kg	U
ML-07-S-081610	8/16/2010	Toluene	0.34	mg/Kg	U
ML-08-S-081610-D	8/16/2010	Toluene	0.34	mg/Kg	U
ML-04-S-082610	8/26/2010	Toluene	0.33	mg/Kg	U
ML-05-S-082310	8/23/2010	Toluene	0.33	mg/Kg	U
ML-05-S-082010	8/20/2010	Toluene	0.33	mg/Kg	U
ML-10-S-082610	8/26/2010	Toluene	0.32	mg/Kg	U
ML-10-S-082610	8/26/2010	Toluene	0.32	mg/Kg	U
ML-06-S-081710	8/17/2010	Toluene	0.32	mg/Kg	U
ML-08-S-081610	8/16/2010	Toluene	0.32	mg/Kg	U
ML-01-S-082510	8/25/2010	Toluene	0.31	mg/Kg	U
ML-09-S-082510	8/25/2010	Toluene	0.31	mg/Kg	U
ML-09-S-082410	8/24/2010	Toluene	0.31	mg/Kg	UJ
ML-02-S-081710	8/17/2010	Toluene	0.31	mg/Kg	U
SOTF-E-Q-36.84-L01-1.6-2.0	9/10/2010	Toluene	0.30	mg/kg	
ML-02-S-082510	8/25/2010	Toluene	0.28	mg/Kg	U
ML-09-S-082110	8/21/2010	Toluene	0.28	mg/Kg	U
ML-01-S-082110	8/21/2010	Toluene	0.27	mg/Kg	U
ML-04-S-081710	8/17/2010	Toluene	0.27	mg/Kg	U
ML-05-S-081710	8/17/2010	Toluene	0.27	mg/Kg	U
ML-02-S-082310	8/23/2010	Toluene	0.25	mg/Kg	U
ML-04-S-082010	8/20/2010	Toluene	0.25	mg/Kg	U
ML-01-S-081910	8/19/2010	Toluene	0.25	mg/Kg	U
ML-02-S-082010	8/20/2010	Toluene	0.22	mg/Kg	U
ML-03-S-081610	8/16/2010	Toluene	0.22	mg/Kg	U
SOTF-E-Q-37.08-L01-0.0-0.4	9/9/2010	Toluene	0.20	mg/kg	
ML-03-S-082010	8/20/2010	Toluene	0.19	mg/Kg	U
ML-05-S-082610	8/26/2010	Toluene	0.17	mg/Kg	U
SOTF-E-Q-36.96-L01-0.7-1.1	9/7/2010	Toluene	0.15	mg/kg	
SOTF-E-Q-36.96-L01-0.7-1.1	9/7/2010	Toluene	0.15	mg/kg	
SOTF-E-Q-36.97-L02-0.0-0.5	9/9/2010	Toluene	0.13	mg/kg	
SOTF-E-Q-36.95-L01-0.9-1.6	9/8/2010	Toluene	0.11	mg/kg	
SOTF-E-Q-36.69-L01-0.4-0.8	9/11/2010	Toluene	0.060	mg/kg	
SOTF-E-Q-37.05-L01-0.0-0.4	9/8/2010	Toluene	0.060	mg/kg	
SOTF-E-Q-37.17-L01-0.4-1.1	9/20/2010	Toluene	0.050	mg/kg	J
SOTF-E-Q-36.87-L01-0.5-0.9	9/10/2010	Toluene	0.050	mg/kg	
SOTF-E-Q-37.14-L01-1.3-1.5	9/9/2010	Toluene	0.050	mg/kg	WJ
SOTF-E-Q-37.05-L01-0.9-1.4	9/8/2010	Toluene	0.050	mg/kg	
SOTF-E-Q-37.14-L01-0.6-1.3	9/9/2010	Toluene	0.040	mg/kg	J
SOTF-E-Q-36.69-L01-0.8-1.1	9/11/2010	Toluene	0.030	mg/kg	J
SOTF-E-Q-37.14-L01-0.0-0.6	9/9/2010	Toluene	0.010	mg/kg	J
SEE10121415ARM1	10/12/2010	Total PCBs	2500	ug/Kg	
SEE10181430JWP1	10/18/2010	Total PCBs	2200	ug/Kg	

**TABLE B-2b**  
**Upstream Sediment Samples (Morrow Lake)**

Sample ID	Sample Date	Analyte	Result	Unit	Data Qualifier
SEE08301520JRP1	8/30/2010	Total PCBs	2000	ug/Kg	
SEE09090900JRP1	9/9/2010	Total PCBs	1800	ug/Kg	
SEE10151355ARM1	10/15/2010	Total PCBs	1700	ug/Kg	
SEE10091200ARM1	10/9/2010	Total PCBs	1700	ug/Kg	
SEE10151055ARM1	10/15/2010	Total PCBs	1600	ug/Kg	
SEE08311010JRP1	8/31/2010	Total PCBs	1400	ug/Kg	
SEE10141555ARM1	10/14/2010	Total PCBs	1100	ug/Kg	
SEE10071415ARM1	10/7/2010	Total PCBs	1100	ug/Kg	
SEE08301445JRP1	8/30/2010	Total PCBs	1100	ug/Kg	
SEE08301015JRP1	8/30/2010	Total PCBs	960	ug/Kg	
SEE09021400PML1	9/2/2010	Total PCBs	720	ug/Kg	J
SEE10161115ARM1	10/16/2010	Total PCBs	580	ug/Kg	
SEE09061130MHS1	9/6/2010	Total PCBs	570	ug/Kg	
SEE09301205RCM1	9/30/2010	Total PCBs	500	ug/Kg	
SEE10071042RCM1	10/7/2010	Total PCBs	470	ug/Kg	J
SEE09260930RCM1	9/26/2010	Total PCBs	420	ug/Kg	
SEE10041138RCM1	10/4/2010	Total PCBs	400	ug/Kg	J
SEE09081205PML1	9/8/2010	Total PCBs	400	ug/Kg	
SEE09231035ARM1	9/23/2010	Total PCBs	390	ug/Kg	
SEE09030925PML1	9/3/2010	Total PCBs	370	ug/Kg	
SEE10131150JDF1	10/13/2010	Total PCBs	360	ug/Kg	
SEE09301105JDF1	9/30/2010	Total PCBs	350	ug/Kg	
SEE09081010PML1	9/8/2010	Total PCBs	350	ug/Kg	
SEE10061051RCM1	10/6/2010	Total PCBs	340	ug/Kg	
SEE09230955RCM1	9/23/2010	Total PCBs	340	ug/Kg	
SEE09081020RCM1	9/8/2010	Total PCBs	340	ug/Kg	
SEE09031140MHS1	9/3/2010	Total PCBs	340	ug/Kg	J
SEE09091005RCM1	9/9/2010	Total PCBs	330	ug/Kg	
SEE09011050PML1	9/1/2010	Total PCBs	320	ug/Kg	
SEE10181035JDF1	10/18/2010	Total PCBs	310	ug/Kg	J
SEE10091401PML1	10/9/2010	Total PCBs	310	ug/Kg	
SEE10171410JDF1	10/17/2010	Total PCBs	300	ug/Kg	
SEE09291023RCM1	9/29/2010	Total PCBs	300	ug/Kg	
SEE09261215JDF1	9/26/2010	Total PCBs	300	ug/Kg	J
SEE09131026RCM1	9/13/2010	Total PCBs	300	ug/Kg	
SEE09121055PML1	9/12/2010	Total PCBs	290	ug/Kg	
SEE09121055PML1	9/12/2010	Total PCBs	290	ug/Kg	
SEE09011545MHS1	9/1/2010	Total PCBs	290	ug/Kg	
SEE08301550PML1	8/30/2010	Total PCBs	290	ug/Kg	
SEE08301638MHS1	8/30/2010	Total PCBs	290	ug/Kg	
SEE10051653PML1	10/5/2010	Total PCBs	280	ug/Kg	
SEE09301255JDF1	9/30/2010	Total PCBs	280	ug/Kg	
SEE09251135JDF1	9/25/2010	Total PCBs	280	ug/Kg	
SEE09231645JDF1	9/23/2010	Total PCBs	280	ug/Kg	
SEE09051550MHS1	9/5/2010	Total PCBs	280	ug/Kg	
SEE09021010PML1	9/2/2010	Total PCBs	280	ug/Kg	
SEE09121436RCM1	9/12/2010	Total PCBs	270	ug/Kg	
SEE08300920JRP1	8/30/2010	Total PCBs	270	ug/Kg	J
SEE10141025ARM1	10/14/2010	Total PCBs	260	ug/Kg	
SEE10091614PML1	10/9/2010	Total PCBs	260	ug/Kg	
SEE10041150JDF1	10/4/2010	Total PCBs	260	ug/Kg	J
SEE09091410RCM1	9/9/2010	Total PCBs	260	ug/Kg	
SEE08261445JRP1	8/26/2010	Total PCBs	260	ug/Kg	
SEE10171535ARM1	10/17/2010	Total PCBs	250	ug/Kg	
SEE10011120JDF1	10/1/2010	Total PCBs	250	ug/Kg	J
SEE09201115RCM1	9/20/2010	Total PCBs	250	ug/Kg	
SEE09191040PML1	9/19/2010	Total PCBs	250	ug/Kg	
SEE09161035RCM1	9/16/2010	Total PCBs	250	ug/Kg	
SEE09061500PML1	9/6/2010	Total PCBs	250	ug/Kg	
SEE09061525MHS1	9/6/2010	Total PCBs	250	ug/Kg	

**TABLE B-2b**  
**Upstream Sediment Samples (Morrow Lake)**

Sample ID	Sample Date	Analyte	Result	Unit	Data Qualifier
SEE10181210JDF1	10/18/2010	Total PCBs	240	ug/Kg	
SEE10171115JDF1	10/17/2010	Total PCBs	240	ug/Kg	
SEE10141015JDF1	10/14/2010	Total PCBs	240	ug/Kg	
SEE10081231PML1	10/8/2010	Total PCBs	240	ug/Kg	
SEE09170839RCM1	9/17/2010	Total PCBs	240	ug/Kg	
SEE09071050PML1	9/7/2010	Total PCBs	240	ug/Kg	
SEE09031645MHS1	9/3/2010	Total PCBs	240	ug/Kg	
SEE10181510JDF1	10/18/2010	Total PCBs	230	ug/Kg	
SEE10181510JDF1	10/18/2010	Total PCBs	230	ug/Kg	
SEE10061205PML1	10/6/2010	Total PCBs	230	ug/Kg	
SEE10041530JDF1	10/4/2010	Total PCBs	230	ug/Kg	
SEE08301130PML1	8/30/2010	Total PCBs	230	ug/Kg	
SEE10051125PML1	10/5/2010	Total PCBs	220	ug/Kg	
SEE10041335JDF1	10/4/2010	Total PCBs	220	ug/Kg	
SEE09271025ARM1	9/27/2010	Total PCBs	220	ug/Kg	
SEE09181235PML1	9/18/2010	Total PCBs	220	ug/Kg	
SEE09031650PML1	9/3/2010	Total PCBs	220	ug/Kg	
SEE09031650PML1	9/3/2010	Total PCBs	220	ug/Kg	
SEE10120930JDF1	10/12/2010	Total PCBs	210	ug/Kg	
SEE09301255MAE1	9/30/2010	Total PCBs	210	ug/Kg	J
SEE09250905RCM1	9/25/2010	Total PCBs	210	ug/Kg	
SEE08311420PML1	8/31/2010	Total PCBs	210	ug/Kg	J
SEE08311420PML1	8/31/2010	Total PCBs	210	ug/Kg	J
SEE08301145MHS1	8/30/2010	Total PCBs	210	ug/Kg	
SEE10121155JDF1	10/12/2010	Total PCBs	200	ug/Kg	J
SEE10081115PML1	10/8/2010	Total PCBs	200	ug/Kg	
SEE10071101PML1	10/7/2010	Total PCBs	200	ug/Kg	J
SEE09151145PML1	9/15/2010	Total PCBs	200	ug/Kg	
SEE09151145PML1	9/15/2010	Total PCBs	200	ug/Kg	
SEE09131445RCM1	9/13/2010	Total PCBs	200	ug/Kg	
SEE09061105PML1	9/6/2010	Total PCBs	200	ug/Kg	
SEE09051430PML1	9/5/2010	Total PCBs	200	ug/Kg	
SEE10071205PML1	10/7/2010	Total PCBs	190	ug/Kg	
SEE09271130JDF1	9/27/2010	Total PCBs	190	ug/Kg	
SEE09261625JDF1	9/26/2010	Total PCBs	190	ug/Kg	
SEE09261625JDF1	9/26/2010	Total PCBs	190	ug/Kg	
SEE09231210JDF1	9/23/2010	Total PCBs	190	ug/Kg	
SEE09121450PML1	9/12/2010	Total PCBs	190	ug/Kg	
SEE09011635PML1	9/1/2010	Total PCBs	190	ug/Kg	
SEE10161055JDF1	10/16/2010	Total PCBs	180	ug/Kg	
SEE10101010PML1	10/10/2010	Total PCBs	180	ug/Kg	
SEE10041355ARM1	10/4/2010	Total PCBs	180	ug/Kg	J
SEE09200945PML1	9/20/2010	Total PCBs	180	ug/Kg	
SEE09200945PML1	9/20/2010	Total PCBs	180	ug/Kg	
SEE09201645ARM1	9/20/2010	Total PCBs	180	ug/Kg	
SEE09191445RCM1	9/19/2010	Total PCBs	180	ug/Kg	
SEE09191530PML1	9/19/2010	Total PCBs	180	ug/Kg	
SEE09131505PML1	9/13/2010	Total PCBs	180	ug/Kg	
SEE09091515PML1	9/9/2010	Total PCBs	180	ug/Kg	
SEE10061640PML1	10/6/2010	Total PCBs	170	ug/Kg	
SEE10061640PML1	10/6/2010	Total PCBs	170	ug/Kg	
SEE09231130ARM1	9/23/2010	Total PCBs	170	ug/Kg	
SEE09181705PML1	9/18/2010	Total PCBs	170	ug/Kg	
SEE09011545PML1	9/1/2010	Total PCBs	170	ug/Kg	
SEE08301530JAW1	8/30/2010	Total PCBs	170	ug/Kg	
SEE10170915JDF1	10/17/2010	Total PCBs	160	ug/Kg	
SEE10161530JDF1	10/16/2010	Total PCBs	160	ug/Kg	
SEE10121030JDF1	10/12/2010	Total PCBs	160	ug/Kg	
SEE10081051RCM1	10/8/2010	Total PCBs	160	ug/Kg	
SEE10041050JDF1	10/4/2010	Total PCBs	160	ug/Kg	

**TABLE B-2b**  
**Upstream Sediment Samples (Morrow Lake)**

Sample ID	Sample Date	Analyte	Result	Unit	Data Qualifier
SEE10031115JDF1	10/3/2010	Total PCBs	160	ug/Kg	
SEE10031115JDF1	10/3/2010	Total PCBs	160	ug/Kg	
SEE09141135PML1	9/14/2010	Total PCBs	160	ug/Kg	
SEE10141150JDF1	10/14/2010	Total PCBs	150	ug/Kg	
SEE10141550JDF1	10/14/2010	Total PCBs	150	ug/Kg	
SEE10141550JDF1	10/14/2010	Total PCBs	150	ug/Kg	
SEE10071540PML1	10/7/2010	Total PCBs	150	ug/Kg	
SEE10051415ARM1	10/5/2010	Total PCBs	150	ug/Kg	J
SEE09291645JDF1	9/29/2010	Total PCBs	150	ug/Kg	
SEE09161045PML1	9/16/2010	Total PCBs	150	ug/Kg	
SEE09141515PML1	9/14/2010	Total PCBs	150	ug/Kg	
SEE09091010PML1	9/9/2010	Total PCBs	150	ug/Kg	
SEE09031100PML1	9/3/2010	Total PCBs	150	ug/Kg	
SEE10101215PML1	10/10/2010	Total PCBs	140	ug/Kg	
SEE10101215PML1	10/10/2010	Total PCBs	140	ug/Kg	
SEE09290925JDF1	9/29/2010	Total PCBs	140	ug/Kg	
SEE09271515JDF1	9/27/2010	Total PCBs	140	ug/Kg	
SEE09211155JDF1	9/21/2010	Total PCBs	140	ug/Kg	
SEE09101625PML1	9/10/2010	Total PCBs	140	ug/Kg	J
SEE09091145PML1	9/9/2010	Total PCBs	140	ug/Kg	
SEE09051130PML1	9/5/2010	Total PCBs	140	ug/Kg	
SEE08311348MHS1	8/31/2010	Total PCBs	140	ug/Kg	
SEE10071151RCM1	10/7/2010	Total PCBs	130	ug/Kg	J
SEE10040945JDF1	10/4/2010	Total PCBs	130	ug/Kg	J
SEE09151015PML1	9/15/2010	Total PCBs	130	ug/Kg	
SEE09140945PML1	9/14/2010	Total PCBs	130	ug/Kg	
SEE09091410PML1	9/9/2010	Total PCBs	130	ug/Kg	
SEE09051015PML1	9/5/2010	Total PCBs	130	ug/Kg	
SEE09031115JAW1	9/3/2010	Total PCBs	130	ug/Kg	
SEE08301410JRP1	8/30/2010	Total PCBs	130	ug/Kg	
SEE08311045PML1	8/31/2010	Total PCBs	120	ug/Kg	
SEE10150945JDF1	10/15/2010	Total PCBs	110	ug/Kg	
SEE09221440JDF1	9/22/2010	Total PCBs	110	ug/Kg	
SEE09171445RCM1	9/17/2010	Total PCBs	110	ug/Kg	
SEE09131125PML1	9/13/2010	Total PCBs	110	ug/Kg	
SEE09091025JRP1	9/9/2010	Total PCBs	110	ug/Kg	
SEE09040950PML1	9/4/2010	Total PCBs	110	ug/Kg	J
SEE09011145PML1	9/1/2010	Total PCBs	110	ug/Kg	
SEE10111125JDF1	10/11/2010	Total PCBs	100	ug/Kg	
SEE10031425JDF1	10/3/2010	Total PCBs	100	ug/Kg	J
SEE09101215PML1	9/10/2010	Total PCBs	100	ug/Kg	J
SEE09220935RCM1	9/22/2010	Total PCBs	98	ug/Kg	J
SEE09061610JAW1	9/6/2010	Total PCBs	95	ug/Kg	
SEE10111350JDF1	10/11/2010	Total PCBs	94	ug/Kg	
SEE09091605PML1	9/9/2010	Total PCBs	94	ug/Kg	J
SEE09291035JDF1	9/29/2010	Total PCBs	91	ug/Kg	J
SEE09221105JDF1	9/22/2010	Total PCBs	90	ug/Kg	J
SEE09131620PML1	9/13/2010	Total PCBs	87	ug/Kg	J
SEE10111011JDF1	10/11/2010	Total PCBs	83	ug/Kg	
SEE09011255PML1	9/1/2010	Total PCBs	79	ug/Kg	
SEE09171415PML1	9/17/2010	Total PCBs	78	ug/Kg	
SEE09121105RCM1	9/12/2010	Total PCBs	78	ug/Kg	J
SEE09291135JDF1	9/29/2010	Total PCBs	72	ug/Kg	
SEE09130915JRP1	9/13/2010	Total PCBs	71	ug/Kg	
SEE09041350PML1	9/4/2010	Total PCBs	70	ug/Kg	U
SEE09171125PML1	9/17/2010	Total PCBs	69	ug/Kg	
SEE09171530PML1	9/17/2010	Total PCBs	66	ug/Kg	
SEE09211530JDF1	9/21/2010	Total PCBs	65	ug/Kg	UJ
SEE10161415JDF1	10/16/2010	Total PCBs	63	ug/Kg	U
SEE09101022PML1	9/10/2010	Total PCBs	63	ug/Kg	J

**TABLE B-2b**  
**Upstream Sediment Samples (Morrow Lake)**

Sample ID	Sample Date	Analyte	Result	Unit	Data Qualifier
SEE09051500MHS1	9/5/2010	Total PCBs	61	ug/Kg	
SEE09211112RCM1	9/21/2010	Total PCBs	60	ug/Kg	U
SEE09221615JDF1	9/22/2010	Total PCBs	59	ug/Kg	J
SEE09111015PML1	9/11/2010	Total PCBs	58	ug/Kg	J
SEE10071045ARM1	10/7/2010	Total PCBs	57	ug/Kg	
SEE09130940PML1	9/13/2010	Total PCBs	52	ug/Kg	J
SEE09290915MAE1	9/29/2010	Total PCBs	47	ug/Kg	
SEE09141312RCM1	9/14/2010	Total PCBs	46	ug/Kg	J
SEE10061135ARM1	10/6/2010	Total PCBs	44	ug/Kg	
SEE09170945PML1	9/17/2010	Total PCBs	42	ug/Kg	J
SEE09130955JRP1	9/13/2010	Total PCBs	36	ug/Kg	J
SEE09200911RCM1	9/20/2010	Total PCBs	33	ug/Kg	
SEE09051500JAW1	9/5/2010	Total PCBs	29	ug/Kg	
SEE09011515JAW1	9/1/2010	Total PCBs	26	ug/Kg	
SEE10041045ARM1	10/4/2010	Total PCBs	25	ug/Kg	
SEE09100945RCM1	9/10/2010	Total PCBs	25	ug/Kg	J
SEE10081035ARM1	10/8/2010	Total PCBs	24	ug/Kg	U
SEE08261700JRP1	8/26/2010	Total PCBs	24	ug/Kg	J
SEF10081108TDF3	10/8/2010	Total PCBs	23	ug/Kg	U
SEE09201110ARM1	9/20/2010	Total PCBs	23	ug/Kg	J
SEE09140945JRP1	9/14/2010	Total PCBs	23	ug/Kg	U
SEF10121130PMB3	10/12/2010	Total PCBs	22	ug/Kg	U
SEB09011143JLS1	9/1/2010	Total PCBs	22	ug/Kg	U
SEE08301100JRP1	8/30/2010	Total PCBs	22	ug/Kg	U
SEE10051145RCM1	10/5/2010	Total PCBs	21	ug/Kg	U
SEF10051206TDF3	10/5/2010	Total PCBs	21	ug/Kg	U
SEE09221045ARM1	9/22/2010	Total PCBs	21	ug/Kg	U
SEE09150915JRP1	9/15/2010	Total PCBs	21	ug/Kg	J
SEE09080930JRP1	9/8/2010	Total PCBs	21	ug/Kg	U
SEE09070930JRP1	9/7/2010	Total PCBs	21	ug/Kg	U
SEE10181030JWP1	10/18/2010	Total PCBs	20	ug/Kg	U
SEE10131035ARM1	10/13/2010	Total PCBs	20	ug/Kg	U
SEE09251235ARM1	9/25/2010	Total PCBs	20	ug/Kg	J
SEE09231205RCM1	9/23/2010	Total PCBs	20	ug/Kg	J
SEE09271500ARM1	9/27/2010	Total PCBs	19	ug/Kg	J
SEE10121040ARM1	10/12/2010	Total PCBs	18	ug/Kg	J
SEF10011045TDF1	10/1/2010	Total PCBs	16	ug/Kg	J
SEE09171200ARM1	9/17/2010	Total PCBs	16	ug/Kg	J
SEE09281445RCM1	9/28/2010	Total PCBs	14	ug/Kg	J
SEE09211120ARM1	9/21/2010	Total PCBs	14	ug/Kg	J
SEE09170935RCM1	9/17/2010	Total PCBs	14	ug/Kg	J
SEE10011125ARM1	10/1/2010	Total PCBs	11	ug/Kg	J
SEE09301025MAE1	9/30/2010	Total PCBs	11	ug/Kg	J
SEE09100920JRP1	9/10/2010	Total PCBs	11	ug/Kg	J
SEF10151030PMB3	10/15/2010	Total PCBs	7.6	ug/Kg	J
SEE10011043RCM1	10/1/2010	Total PCBs	7.0	ug/Kg	J
SEF09281139TDF1	9/28/2010	Total PCBs	6.1	ug/Kg	J
SEE10121415ARM1	10/12/2010	TPH (DRO)	540000	ug/Kg	J
SEE10151355ARM1	10/15/2010	TPH (DRO)	440000	ug/Kg	J
SEE09090900JRP1	9/9/2010	TPH (DRO)	410000	ug/Kg	J
SEE08301015JRP1	8/30/2010	TPH (DRO)	410000	ug/Kg	J
SEE08311045PML1	8/31/2010	TPH (DRO)	380000	ug/Kg	U
SEE10041530JDF1	10/4/2010	TPH (DRO)	370000	ug/Kg	J
SEE10101215PML1	10/10/2010	TPH (DRO)	330000	ug/Kg	J
SEE10101215PML1	10/10/2010	TPH (DRO)	330000	ug/Kg	J
SEE10031115JDF1	10/3/2010	TPH (DRO)	330000	ug/Kg	J
SEE10031115JDF1	10/3/2010	TPH (DRO)	330000	ug/Kg	J
SEE08301445JRP1	8/30/2010	TPH (DRO)	320000	ug/Kg	U
SEE10011120JDF1	10/1/2010	TPH (DRO)	310000	ug/Kg	J
SEE09261625JDF1	9/26/2010	TPH (DRO)	310000	ug/Kg	J

**TABLE B-2b**  
**Upstream Sediment Samples (Morrow Lake)**

Sample ID	Sample Date	Analyte	Result	Unit	Data Qualifier
SEE09261625JDF1	9/26/2010	TPH (DRO)	310000	ug/Kg	J
SEE10151055ARM1	10/15/2010	TPH (DRO)	300000	ug/Kg	J
SEE10141555ARM1	10/14/2010	TPH (DRO)	290000	ug/Kg	J
SEE09261215JDF1	9/26/2010	TPH (DRO)	290000	ug/Kg	J
SEE09141515PML1	9/14/2010	TPH (DRO)	290000	ug/Kg	J
SEE09081205PML1	9/8/2010	TPH (DRO)	290000	ug/Kg	J
SEE09051500MHS1	9/5/2010	TPH (DRO)	290000	ug/Kg	J
SEE09030925PML1	9/3/2010	TPH (DRO)	290000	ug/Kg	J
SEE10071151RCM1	10/7/2010	TPH (DRO)	280000	ug/Kg	J
SEE08301520JRP1	8/30/2010	TPH (DRO)	280000	ug/Kg	J
SEE09081010PML1	9/8/2010	TPH (DRO)	270000	ug/Kg	J
SEE10041138RCM1	10/4/2010	TPH (DRO)	260000	ug/Kg	J
SEE09171445RCM1	9/17/2010	TPH (DRO)	260000	ug/Kg	J
SEE09101022PML1	9/10/2010	TPH (DRO)	260000	ug/Kg	J
SEE09061105PML1	9/6/2010	TPH (DRO)	260000	ug/Kg	J
SEE09051550MHS1	9/5/2010	TPH (DRO)	260000	ug/Kg	J
SEE09031115JAW1	9/3/2010	TPH (DRO)	260000	ug/Kg	J
SEE09031645MHS1	9/3/2010	TPH (DRO)	260000	ug/Kg	J
SEE09031650PML1	9/3/2010	TPH (DRO)	260000	ug/Kg	J
SEE09031650PML1	9/3/2010	TPH (DRO)	260000	ug/Kg	J
SEE08311348MHS1	8/31/2010	TPH (DRO)	260000	ug/Kg	J
SEE10171115JDF1	10/17/2010	TPH (DRO)	250000	ug/Kg	J
SEE10141150JDF1	10/14/2010	TPH (DRO)	250000	ug/Kg	J
SEE10071042RCM1	10/7/2010	TPH (DRO)	250000	ug/Kg	J
SEE10071205PML1	10/7/2010	TPH (DRO)	250000	ug/Kg	J
SEE10071415ARM1	10/7/2010	TPH (DRO)	250000	ug/Kg	J
SEE10041335JDF1	10/4/2010	TPH (DRO)	250000	ug/Kg	J
SEE09301255JDF1	9/30/2010	TPH (DRO)	250000	ug/Kg	J
SEE09051130PML1	9/5/2010	TPH (DRO)	250000	ug/Kg	J
SEE09031140MHS1	9/3/2010	TPH (DRO)	250000	ug/Kg	J
SEE10181430JWP1	10/18/2010	TPH (DRO)	240000	ug/Kg	J
SEE10171410JDF1	10/17/2010	TPH (DRO)	240000	ug/Kg	J
SEE10041050JDF1	10/4/2010	TPH (DRO)	240000	ug/Kg	J
SEE09260930RCM1	9/26/2010	TPH (DRO)	240000	ug/Kg	J
SEE09191040PML1	9/19/2010	TPH (DRO)	240000	ug/Kg	J
SEE09131026RCM1	9/13/2010	TPH (DRO)	240000	ug/Kg	J
SEE09041350PML1	9/4/2010	TPH (DRO)	240000	ug/Kg	J
SEE10101010PML1	10/10/2010	TPH (DRO)	230000	ug/Kg	J
SEE10061205PML1	10/6/2010	TPH (DRO)	230000	ug/Kg	J
SEE10041150JDF1	10/4/2010	TPH (DRO)	230000	ug/Kg	J
SEE09301105JDF1	9/30/2010	TPH (DRO)	230000	ug/Kg	J
SEE09200945PML1	9/20/2010	TPH (DRO)	230000	ug/Kg	J
SEE09200945PML1	9/20/2010	TPH (DRO)	230000	ug/Kg	J
SEE09130940PML1	9/13/2010	TPH (DRO)	230000	ug/Kg	J
SEE09131125PML1	9/13/2010	TPH (DRO)	230000	ug/Kg	J
SEE09061500PML1	9/6/2010	TPH (DRO)	230000	ug/Kg	U
SEE09031100PML1	9/3/2010	TPH (DRO)	230000	ug/Kg	J
SEE09021400PML1	9/2/2010	TPH (DRO)	230000	ug/Kg	U
SEE10141015JDF1	10/14/2010	TPH (DRO)	220000	ug/Kg	J
SEE09291023RCM1	9/29/2010	TPH (DRO)	220000	ug/Kg	J
SEE09250905RCM1	9/25/2010	TPH (DRO)	220000	ug/Kg	J
SEE09191445RCM1	9/19/2010	TPH (DRO)	220000	ug/Kg	J
SEE09131505PML1	9/13/2010	TPH (DRO)	220000	ug/Kg	J
SEE09101215PML1	9/10/2010	TPH (DRO)	220000	ug/Kg	J
SEE09071050PML1	9/7/2010	TPH (DRO)	220000	ug/Kg	J
SEE09011255PML1	9/1/2010	TPH (DRO)	220000	ug/Kg	J
SEE09011545MHS1	9/1/2010	TPH (DRO)	220000	ug/Kg	U
SEE09011545PML1	9/1/2010	TPH (DRO)	220000	ug/Kg	U
SEE10111011JDF1	10/11/2010	TPH (DRO)	210000	ug/Kg	J
SEE10071540PML1	10/7/2010	TPH (DRO)	210000	ug/Kg	J



**TABLE B-2b**  
**Upstream Sediment Samples (Morrow Lake)**

Sample ID	Sample Date	Analyte	Result	Unit	Data Qualifier
SEE10040945JDF1	10/4/2010	TPH (DRO)	210000	ug/Kg	J
SEE09281445RCM1	9/28/2010	TPH (DRO)	210000	ug/Kg	J
SEE09141312RCM1	9/14/2010	TPH (DRO)	210000	ug/Kg	J
SEE09121055PML1	9/12/2010	TPH (DRO)	210000	ug/Kg	J
SEE09121055PML1	9/12/2010	TPH (DRO)	210000	ug/Kg	J
SEE09111015PML1	9/11/2010	TPH (DRO)	210000	ug/Kg	J
SEE09091410RCM1	9/9/2010	TPH (DRO)	210000	ug/Kg	J
SEE09081020RCM1	9/8/2010	TPH (DRO)	210000	ug/Kg	J
SEE09061130MHS1	9/6/2010	TPH (DRO)	210000	ug/Kg	J
SEE09051015PML1	9/5/2010	TPH (DRO)	210000	ug/Kg	J
SEE09021010PML1	9/2/2010	TPH (DRO)	210000	ug/Kg	J
SEE09011145PML1	9/1/2010	TPH (DRO)	210000	ug/Kg	J
SEE10061640PML1	10/6/2010	TPH (DRO)	200000	ug/Kg	J
SEE10061640PML1	10/6/2010	TPH (DRO)	200000	ug/Kg	J
SEE10051125PML1	10/5/2010	TPH (DRO)	200000	ug/Kg	J
SEE09271130JDF1	9/27/2010	TPH (DRO)	200000	ug/Kg	J
SEE09161045PML1	9/16/2010	TPH (DRO)	200000	ug/Kg	J
SEE09140945PML1	9/14/2010	TPH (DRO)	200000	ug/Kg	J
SEE09091005RCM1	9/9/2010	TPH (DRO)	200000	ug/Kg	J
SEE09091605PML1	9/9/2010	TPH (DRO)	200000	ug/Kg	J
SEE09061525MHS1	9/6/2010	TPH (DRO)	200000	ug/Kg	J
SEE10161415JDF1	10/16/2010	TPH (DRO)	190000	ug/Kg	J
SEE10120930JDF1	10/12/2010	TPH (DRO)	190000	ug/Kg	J
SEE10081051RCM1	10/8/2010	TPH (DRO)	190000	ug/Kg	J
SEE10061051RCM1	10/6/2010	TPH (DRO)	190000	ug/Kg	J
SEE10041355ARM1	10/4/2010	TPH (DRO)	190000	ug/Kg	J
SEE10031425JDF1	10/3/2010	TPH (DRO)	190000	ug/Kg	J
SEE09290925JDF1	9/29/2010	TPH (DRO)	190000	ug/Kg	J
SEE09291035JDF1	9/29/2010	TPH (DRO)	190000	ug/Kg	J
SEE09291135JDF1	9/29/2010	TPH (DRO)	190000	ug/Kg	J
SEE09170945PML1	9/17/2010	TPH (DRO)	190000	ug/Kg	J
SEE09131620PML1	9/13/2010	TPH (DRO)	190000	ug/Kg	J
SEE09101625PML1	9/10/2010	TPH (DRO)	190000	ug/Kg	J
SEE09051430PML1	9/5/2010	TPH (DRO)	190000	ug/Kg	J
SEE10141550JDF1	10/14/2010	TPH (DRO)	180000	ug/Kg	J
SEE10141550JDF1	10/14/2010	TPH (DRO)	180000	ug/Kg	J
SEE10121155JDF1	10/12/2010	TPH (DRO)	180000	ug/Kg	J
SEE10111125JDF1	10/11/2010	TPH (DRO)	180000	ug/Kg	J
SEE10051653PML1	10/5/2010	TPH (DRO)	180000	ug/Kg	J
SEE09291645JDF1	9/29/2010	TPH (DRO)	180000	ug/Kg	J
SEE09251135JDF1	9/25/2010	TPH (DRO)	180000	ug/Kg	J
SEE09201115RCM1	9/20/2010	TPH (DRO)	180000	ug/Kg	J
SEE09191530PML1	9/19/2010	TPH (DRO)	180000	ug/Kg	J
SEE09181705PML1	9/18/2010	TPH (DRO)	180000	ug/Kg	J
SEE09121436RCM1	9/12/2010	TPH (DRO)	180000	ug/Kg	J
SEE09040950PML1	9/4/2010	TPH (DRO)	180000	ug/Kg	J
SEE08301145MHS1	8/30/2010	TPH (DRO)	180000	ug/Kg	J
SEE10161530JDF1	10/16/2010	TPH (DRO)	170000	ug/Kg	J
SEE10150945JDF1	10/15/2010	TPH (DRO)	170000	ug/Kg	J
SEE10121030JDF1	10/12/2010	TPH (DRO)	170000	ug/Kg	J
SEE09131445RCM1	9/13/2010	TPH (DRO)	170000	ug/Kg	J
SEE09121105RCM1	9/12/2010	TPH (DRO)	170000	ug/Kg	J
SEE09091145PML1	9/9/2010	TPH (DRO)	170000	ug/Kg	J
SEE08301530JAW1	8/30/2010	TPH (DRO)	170000	ug/Kg	J
SEE08301550PML1	8/30/2010	TPH (DRO)	170000	ug/Kg	J
SEE10161055JDF1	10/16/2010	TPH (DRO)	160000	ug/Kg	J
SEE10161115ARM1	10/16/2010	TPH (DRO)	160000	ug/Kg	J
SEE10091614PML1	10/9/2010	TPH (DRO)	160000	ug/Kg	J
SEE10081115PML1	10/8/2010	TPH (DRO)	160000	ug/Kg	J
SEE10071101PML1	10/7/2010	TPH (DRO)	160000	ug/Kg	J

**TABLE B-2b**  
**Upstream Sediment Samples (Morrow Lake)**

Sample ID	Sample Date	Analyte	Result	Unit	Data Qualifier
SEE09301205RCM1	9/30/2010	TPH (DRO)	160000	ug/Kg	J
SEE09181235PML1	9/18/2010	TPH (DRO)	160000	ug/Kg	J
SEE09151015PML1	9/15/2010	TPH (DRO)	160000	ug/Kg	J
SEE09130955JRP1	9/13/2010	TPH (DRO)	160000	ug/Kg	J
SEE09011050PML1	9/1/2010	TPH (DRO)	160000	ug/Kg	
SEE09011635PML1	9/1/2010	TPH (DRO)	160000	ug/Kg	J
SEE08311420PML1	8/31/2010	TPH (DRO)	160000	ug/Kg	
SEE08311420PML1	8/31/2010	TPH (DRO)	160000	ug/Kg	
SEE10170915JDF1	10/17/2010	TPH (DRO)	150000	ug/Kg	J
SEE10111350JDF1	10/11/2010	TPH (DRO)	150000	ug/Kg	J
SEE10091401PML1	10/9/2010	TPH (DRO)	150000	ug/Kg	
SEE10011043RCM1	10/1/2010	TPH (DRO)	150000	ug/Kg	J
SEE09301255MAE1	9/30/2010	TPH (DRO)	150000	ug/Kg	J
SEE09271515JDF1	9/27/2010	TPH (DRO)	150000	ug/Kg	J
SEE09221105JDF1	9/22/2010	TPH (DRO)	150000	ug/Kg	J
SEE09221615JDF1	9/22/2010	TPH (DRO)	150000	ug/Kg	J
SEE09211530JDF1	9/21/2010	TPH (DRO)	150000	ug/Kg	J
SEE09091010PML1	9/9/2010	TPH (DRO)	150000	ug/Kg	J
SEE09091410PML1	9/9/2010	TPH (DRO)	150000	ug/Kg	
SEE08301130PML1	8/30/2010	TPH (DRO)	150000	ug/Kg	
SEE09211155JDF1	9/21/2010	TPH (DRO)	140000	ug/Kg	J
SEE09170839RCM1	9/17/2010	TPH (DRO)	140000	ug/Kg	J
SEE09151145PML1	9/15/2010	TPH (DRO)	140000	ug/Kg	J
SEE09151145PML1	9/15/2010	TPH (DRO)	140000	ug/Kg	J
SEE09141135PML1	9/14/2010	TPH (DRO)	140000	ug/Kg	J
SEE09121450PML1	9/12/2010	TPH (DRO)	140000	ug/Kg	J
SEE08261445JRP1	8/26/2010	TPH (DRO)	140000	ug/Kg	
SEE10181510JDF1	10/18/2010	TPH (DRO)	130000	ug/Kg	
SEE10181510JDF1	10/18/2010	TPH (DRO)	130000	ug/Kg	
SEE09220935RCM1	9/22/2010	TPH (DRO)	130000	ug/Kg	
SEE09171125PML1	9/17/2010	TPH (DRO)	130000	ug/Kg	J
SEE08311010JRP1	8/31/2010	TPH (DRO)	130000	ug/Kg	J
SEE08301638MHS1	8/30/2010	TPH (DRO)	130000	ug/Kg	
SEE10141025ARM1	10/14/2010	TPH (DRO)	120000	ug/Kg	J
SEE10131150JDF1	10/13/2010	TPH (DRO)	120000	ug/Kg	
SEE09271025ARM1	9/27/2010	TPH (DRO)	120000	ug/Kg	
SEE09200911RCM1	9/20/2010	TPH (DRO)	120000	ug/Kg	J
SEE10181210JDF1	10/18/2010	TPH (DRO)	110000	ug/Kg	
SEE10081231PML1	10/8/2010	TPH (DRO)	110000	ug/Kg	
SEE09230955RCM1	9/23/2010	TPH (DRO)	110000	ug/Kg	
SEE09221440JDF1	9/22/2010	TPH (DRO)	110000	ug/Kg	
SEE09211112RCM1	9/21/2010	TPH (DRO)	110000	ug/Kg	J
SEE09201645ARM1	9/20/2010	TPH (DRO)	110000	ug/Kg	J
SEE09091025JRP1	9/9/2010	TPH (DRO)	110000	ug/Kg	J
SEE10181035JDF1	10/18/2010	TPH (DRO)	100000	ug/Kg	
SEE09231210JDF1	9/23/2010	TPH (DRO)	96000	ug/Kg	
SEE09171530PML1	9/17/2010	TPH (DRO)	96000	ug/Kg	J
SEE09171415PML1	9/17/2010	TPH (DRO)	93000	ug/Kg	J
SEE09170935RCM1	9/17/2010	TPH (DRO)	88000	ug/Kg	J
SEE09091515PML1	9/9/2010	TPH (DRO)	88000	ug/Kg	
SEE08300920JRP1	8/30/2010	TPH (DRO)	85000	ug/Kg	
SEE10061135ARM1	10/6/2010	TPH (DRO)	81000	ug/Kg	J
SEE10051415ARM1	10/5/2010	TPH (DRO)	80000	ug/Kg	J
SEE10011125ARM1	10/1/2010	TPH (DRO)	76000	ug/Kg	J
SEE09231130ARM1	9/23/2010	TPH (DRO)	72000	ug/Kg	
SEE09061610JAW1	9/6/2010	TPH (DRO)	72000	ug/Kg	U
SEE10071045ARM1	10/7/2010	TPH (DRO)	71000	ug/Kg	J
SEE09161035RCM1	9/16/2010	TPH (DRO)	69000	ug/Kg	J
SEE10051145RCM1	10/5/2010	TPH (DRO)	66000	ug/Kg	J
SEE09100945RCM1	9/10/2010	TPH (DRO)	63000	ug/Kg	J

**TABLE B-2b**  
**Upstream Sediment Samples (Morrow Lake)**

Sample ID	Sample Date	Analyte	Result	Unit	Data Qualifier
SEE10091200ARM1	10/9/2010	TPH (DRO)	61000	ug/Kg	
SEE08281607TWH1	8/28/2010	TPH (DRO)	52000	ug/kg	U
SEE10171535ARM1	10/17/2010	TPH (DRO)	46000	ug/Kg	
SEE08301100JRP1	8/30/2010	TPH (DRO)	45000	ug/Kg	J
SEE09171200ARM1	9/17/2010	TPH (DRO)	41000	ug/Kg	J
SEE08301410JRP1	8/30/2010	TPH (DRO)	41000	ug/Kg	
SEE09130915JRP1	9/13/2010	TPH (DRO)	40000	ug/Kg	J
SEE08281215PML1	8/28/2010	TPH (DRO)	36000	ug/kg	U
SEE08281420TWH1	8/28/2010	TPH (DRO)	36000	ug/kg	U
SEE09231205RCM1	9/23/2010	TPH (DRO)	34000	ug/Kg	
SEE08281510TWH1	8/28/2010	TPH (DRO)	34000	ug/kg	U
SEE09290915MAE1	9/29/2010	TPH (DRO)	32000	ug/Kg	
SEF10011045TDF1	10/1/2010	TPH (DRO)	30000	ug/Kg	
SEE08291421KAP1	8/29/2010	TPH (DRO)	29000	ug/kg	J
SEE08271500PML1	8/27/2010	TPH (DRO)	29000	ug/kg	J
SEF10051206TDF3	10/5/2010	TPH (DRO)	28000	ug/Kg	
SEE08271145RCM1	8/27/2010	TPH (DRO)	27000	ug/kg	J
SEE09231645JDF1	9/23/2010	TPH (DRO)	26000	ug/Kg	J
SEE09211120ARM1	9/21/2010	TPH (DRO)	26000	ug/Kg	J
SEE09201110ARM1	9/20/2010	TPH (DRO)	25000	ug/Kg	J
SEE08291110PML1	8/29/2010	TPH (DRO)	25000	ug/kg	J
SEE08281505PML1	8/28/2010	TPH (DRO)	25000	ug/kg	J
SEE08271215PML1	8/27/2010	TPH (DRO)	25000	ug/kg	J
SEE08281630RCM1	8/28/2010	TPH (DRO)	24000	ug/kg	J
SEE09271500ARM1	9/27/2010	TPH (DRO)	22000	ug/Kg	
SEE10041045ARM1	10/4/2010	TPH (DRO)	21000	ug/Kg	
SEE08291550KAP1	8/29/2010	TPH (DRO)	20000	ug/kg	J
SEE09251235ARM1	9/25/2010	TPH (DRO)	19000	ug/Kg	
SEE09140945JRP1	9/14/2010	TPH (DRO)	19000	ug/Kg	J
SEE10121040ARM1	10/12/2010	TPH (DRO)	17000	ug/Kg	J
SEE09100920JRP1	9/10/2010	TPH (DRO)	17000	ug/Kg	J
SEE09070930JRP1	9/7/2010	TPH (DRO)	17000	ug/Kg	
SEE08271614TWH1	8/27/2010	TPH (DRO)	17000	ug/kg	
SEF10081108TDF3	10/8/2010	TPH (DRO)	16000	ug/Kg	
SEE09301025MAE1	9/30/2010	TPH (DRO)	16000	ug/Kg	
SEE08271652TWH1	8/27/2010	TPH (DRO)	16000	ug/kg	U
SEE08261700JRP1	8/26/2010	TPH (DRO)	16000	ug/Kg	
SEE09150915JRP1	9/15/2010	TPH (DRO)	15000	ug/Kg	J
SEE09051500JAW1	9/5/2010	TPH (DRO)	15000	ug/Kg	J
SEE09231035ARM1	9/23/2010	TPH (DRO)	14000	ug/Kg	
SEE10181030JWP1	10/18/2010	TPH (DRO)	13000	ug/Kg	
SEF10121130PMB3	10/12/2010	TPH (DRO)	13000	ug/Kg	J
SEE10081035ARM1	10/8/2010	TPH (DRO)	12000	ug/Kg	
SEF09281139TDF1	9/28/2010	TPH (DRO)	11000	ug/Kg	
SEB09011143JLS1	9/1/2010	TPH (DRO)	11000	ug/Kg	U
SEE09011515JAW1	9/1/2010	TPH (DRO)	11000	ug/Kg	U
SEE08291354KAP1	8/29/2010	TPH (DRO)	11000	ug/kg	J
SEE08261620RCM1	8/26/2010	TPH (DRO)	11000	ug/kg	U
SEF10151030PMB3	10/15/2010	TPH (DRO)	10000	ug/Kg	J
SEE09080930JRP1	9/8/2010	TPH (DRO)	10000	ug/Kg	U
SEE08271445JRP1	8/27/2010	TPH (DRO)	9200	ug/kg	J
SEE08261420RCM1	8/26/2010	TPH (DRO)	9200	ug/kg	U
SEE10131035ARM1	10/13/2010	TPH (DRO)	8200	ug/Kg	J
SEE08291445PML1	8/29/2010	TPH (DRO)	8000	ug/kg	J
SEE09221045ARM1	9/22/2010	TPH (DRO)	6000	ug/Kg	J
SEE08281540JRP1	8/28/2010	TPH (DRO)	3300	ug/kg	
SEB08281400JLS1	8/28/2010	TPH (DRO)	2800	ug/kg	
SEE08271536TWH1	8/27/2010	TPH (DRO)	1700	ug/kg	J
SEE08281607TWH1	8/28/2010	TPH (GRO)	57000	ug/kg	U
SEE09161045PML1	9/16/2010	TPH (GRO)	33000	ug/Kg	U

**TABLE B-2b**  
**Upstream Sediment Samples (Morrow Lake)**

Sample ID	Sample Date	Analyte	Result	Unit	Data Qualifier
SEE08291110PML1	8/29/2010	TPH (GRO)	33000	ug/kg	U
SEE08281630RCM1	8/28/2010	TPH (GRO)	28000	ug/kg	U
SEE08281505PML1	8/28/2010	TPH (GRO)	25000	ug/kg	U
SEE08271500PML1	8/27/2010	TPH (GRO)	23000	ug/kg	U
SEE10051125PML1	10/5/2010	TPH (GRO)	22000	ug/Kg	U
SEE09181235PML1	9/18/2010	TPH (GRO)	22000	ug/Kg	U
SEE09141515PML1	9/14/2010	TPH (GRO)	22000	ug/Kg	U
SEE09061500PML1	9/6/2010	TPH (GRO)	21000	ug/Kg	U
SEE08301130PML1	8/30/2010	TPH (GRO)	21000	ug/Kg	U
SEE08271215PML1	8/27/2010	TPH (GRO)	21000	ug/kg	U
SEE10051653PML1	10/5/2010	TPH (GRO)	20000	ug/Kg	U
SEE09091410RCM1	9/9/2010	TPH (GRO)	20000	ug/Kg	U
SEE10181035JDF1	10/18/2010	TPH (GRO)	19000	ug/Kg	U
SEE09141135PML1	9/14/2010	TPH (GRO)	19000	ug/Kg	U
SEE08311420PML1	8/31/2010	TPH (GRO)	19000	ug/Kg	U
SEE08311420PML1	8/31/2010	TPH (GRO)	19000	ug/Kg	U
SEE08281215PML1	8/28/2010	TPH (GRO)	19000	ug/kg	U
SEE08281420TWH1	8/28/2010	TPH (GRO)	19000	ug/kg	U
SEE08271145RCM1	8/27/2010	TPH (GRO)	19000	ug/kg	U
SEE10171410JDF1	10/17/2010	TPH (GRO)	18000	ug/Kg	U
SEE10131150JDF1	10/13/2010	TPH (GRO)	18000	ug/Kg	U
SEE10091401PML1	10/9/2010	TPH (GRO)	18000	ug/Kg	U
SEE10091614PML1	10/9/2010	TPH (GRO)	18000	ug/Kg	U
SEE09301255JDF1	9/30/2010	TPH (GRO)	18000	ug/Kg	U
SEE09170839RCM1	9/17/2010	TPH (GRO)	18000	ug/Kg	U
SEE09101022PML1	9/10/2010	TPH (GRO)	18000	ug/Kg	U
SEE09081020RCM1	9/8/2010	TPH (GRO)	18000	ug/Kg	U
SEE09031650PML1	9/3/2010	TPH (GRO)	18000	ug/Kg	U
SEE09031650PML1	9/3/2010	TPH (GRO)	18000	ug/Kg	U
SEE08301550PML1	8/30/2010	TPH (GRO)	18000	ug/Kg	U
SEE10161530JDF1	10/16/2010	TPH (GRO)	17000	ug/Kg	U
SEE10141555ARM1	10/14/2010	TPH (GRO)	17000	ug/Kg	U
SEE10071042RCM1	10/7/2010	TPH (GRO)	17000	ug/Kg	U
SEE10071101PML1	10/7/2010	TPH (GRO)	17000	ug/Kg	U
SEE09191040PML1	9/19/2010	TPH (GRO)	17000	ug/Kg	U
SEE09140945PML1	9/14/2010	TPH (GRO)	17000	ug/Kg	U
SEE09101215PML1	9/10/2010	TPH (GRO)	17000	ug/Kg	U
SEE09091005RCM1	9/9/2010	TPH (GRO)	17000	ug/Kg	U
SEE09071050PML1	9/7/2010	TPH (GRO)	17000	ug/Kg	U
SEE09061525MHS1	9/6/2010	TPH (GRO)	17000	ug/Kg	U
SEE09051130PML1	9/5/2010	TPH (GRO)	17000	ug/Kg	U
SEE09030925PML1	9/3/2010	TPH (GRO)	17000	ug/Kg	U
SEE09021010PML1	9/2/2010	TPH (GRO)	17000	ug/Kg	U
SEE09021400PML1	9/2/2010	TPH (GRO)	17000	ug/Kg	U
SEE09011545PML1	9/1/2010	TPH (GRO)	17000	ug/Kg	U
SEE08301145MHS1	8/30/2010	TPH (GRO)	17000	ug/Kg	U
SEE10181430JWP1	10/18/2010	TPH (GRO)	16000	ug/Kg	U
SEE10171115JDF1	10/17/2010	TPH (GRO)	16000	ug/Kg	U
SEE10081231PML1	10/8/2010	TPH (GRO)	16000	ug/Kg	U
SEE10061051RCM1	10/6/2010	TPH (GRO)	16000	ug/Kg	U
SEE10061205PML1	10/6/2010	TPH (GRO)	16000	ug/Kg	U
SEE10061640PML1	10/6/2010	TPH (GRO)	16000	ug/Kg	U
SEE10061640PML1	10/6/2010	TPH (GRO)	16000	ug/Kg	U
SEE10041530JDF1	10/4/2010	TPH (GRO)	16000	ug/Kg	U
SEE10031115JDF1	10/3/2010	TPH (GRO)	16000	ug/Kg	U
SEE10031115JDF1	10/3/2010	TPH (GRO)	16000	ug/Kg	U
SEE09200945PML1	9/20/2010	TPH (GRO)	16000	ug/Kg	U
SEE09200945PML1	9/20/2010	TPH (GRO)	16000	ug/Kg	U
SEE09131026RCM1	9/13/2010	TPH (GRO)	16000	ug/Kg	U
SEE09131445RCM1	9/13/2010	TPH (GRO)	16000	ug/Kg	U

**TABLE B-2b**  
**Upstream Sediment Samples (Morrow Lake)**

Sample ID	Sample Date	Analyte	Result	Unit	Data Qualifier
SEE09131505PML1	9/13/2010	TPH (GRO)	16000	ug/Kg	U
SEE09121055PML1	9/12/2010	TPH (GRO)	16000	ug/Kg	U
SEE09121055PML1	9/12/2010	TPH (GRO)	16000	ug/Kg	U
SEE09081010PML1	9/8/2010	TPH (GRO)	16000	ug/Kg	U
SEE09081205PML1	9/8/2010	TPH (GRO)	16000	ug/Kg	U
SEE09061105PML1	9/6/2010	TPH (GRO)	16000	ug/Kg	U
SEE09031100PML1	9/3/2010	TPH (GRO)	16000	ug/Kg	U
SEE09031115JAW1	9/3/2010	TPH (GRO)	16000	ug/Kg	U
SEE08281510TWH1	8/28/2010	TPH (GRO)	16000	ug/kg	U
SEE10181210JDF1	10/18/2010	TPH (GRO)	15000	ug/Kg	U
SEE10181510JDF1	10/18/2010	TPH (GRO)	15000	ug/Kg	U
SEE10181510JDF1	10/18/2010	TPH (GRO)	15000	ug/Kg	U
SEE10141550JDF1	10/14/2010	TPH (GRO)	15000	ug/Kg	U
SEE10141550JDF1	10/14/2010	TPH (GRO)	15000	ug/Kg	U
SEE10101010PML1	10/10/2010	TPH (GRO)	15000	ug/Kg	U
SEE09191445RCM1	9/19/2010	TPH (GRO)	15000	ug/Kg	U
SEE09151145PML1	9/15/2010	TPH (GRO)	15000	ug/Kg	U
SEE09151145PML1	9/15/2010	TPH (GRO)	15000	ug/Kg	U
SEE09101625PML1	9/10/2010	TPH (GRO)	15000	ug/Kg	U
SEE09091515PML1	9/9/2010	TPH (GRO)	15000	ug/Kg	U
SEE09040950PML1	9/4/2010	TPH (GRO)	15000	ug/Kg	U
SEE08301015JRP1	8/30/2010	TPH (GRO)	15000	ug/Kg	U
SEE10161115ARM1	10/16/2010	TPH (GRO)	14000	ug/Kg	U
SEE10041150JDF1	10/4/2010	TPH (GRO)	14000	ug/Kg	U
SEE09221440JDF1	9/22/2010	TPH (GRO)	14000	ug/Kg	U
SEE09211155JDF1	9/21/2010	TPH (GRO)	14000	ug/Kg	U
SEE09201115RCM1	9/20/2010	TPH (GRO)	14000	ug/Kg	U
SEE09171415PML1	9/17/2010	TPH (GRO)	14000	ug/Kg	U
SEE09151015PML1	9/15/2010	TPH (GRO)	14000	ug/Kg	U
SEE09121450PML1	9/12/2010	TPH (GRO)	14000	ug/Kg	U
SEE09111015PML1	9/11/2010	TPH (GRO)	14000	ug/Kg	U
SEE09091025JRP1	9/9/2010	TPH (GRO)	14000	ug/Kg	U
SEE09051015PML1	9/5/2010	TPH (GRO)	14000	ug/Kg	U
SEE09041350PML1	9/4/2010	TPH (GRO)	14000	ug/Kg	U
SEE09011050PML1	9/1/2010	TPH (GRO)	14000	ug/Kg	U
SEE08311045PML1	8/31/2010	TPH (GRO)	14000	ug/Kg	U
SEE08261620RCM1	8/26/2010	TPH (GRO)	14000	ug/kg	J
SEE10151055ARM1	10/15/2010	TPH (GRO)	13000	ug/Kg	U
SEE10111125JDF1	10/11/2010	TPH (GRO)	13000	ug/Kg	U
SEE10081051RCM1	10/8/2010	TPH (GRO)	13000	ug/Kg	U
SEE10041138RCM1	10/4/2010	TPH (GRO)	13000	ug/Kg	U
SEE10031425JDF1	10/3/2010	TPH (GRO)	13000	ug/Kg	U
SEE09271025ARM1	9/27/2010	TPH (GRO)	13000	ug/Kg	U
SEE09201645ARM1	9/20/2010	TPH (GRO)	13000	ug/Kg	U
SEE09170945PML1	9/17/2010	TPH (GRO)	13000	ug/Kg	U
SEE09171530PML1	9/17/2010	TPH (GRO)	13000	ug/Kg	U
SEE09131125PML1	9/13/2010	TPH (GRO)	13000	ug/Kg	U
SEE09131620PML1	9/13/2010	TPH (GRO)	13000	ug/Kg	U
SEE09121105RCM1	9/12/2010	TPH (GRO)	13000	ug/Kg	U
SEE09121436RCM1	9/12/2010	TPH (GRO)	13000	ug/Kg	U
SEE09091010PML1	9/9/2010	TPH (GRO)	13000	ug/Kg	U
SEE09091145PML1	9/9/2010	TPH (GRO)	13000	ug/Kg	U
SEE09091410PML1	9/9/2010	TPH (GRO)	13000	ug/Kg	U
SEE09011255PML1	9/1/2010	TPH (GRO)	13000	ug/Kg	U
SEE08291421KAP1	8/29/2010	TPH (GRO)	13000	ug/kg	U
SEE08291550KAP1	8/29/2010	TPH (GRO)	13000	ug/kg	U
SEE10161055JDF1	10/16/2010	TPH (GRO)	12000	ug/Kg	U
SEE10161415JDF1	10/16/2010	TPH (GRO)	12000	ug/Kg	U
SEE10150945JDF1	10/15/2010	TPH (GRO)	12000	ug/Kg	U
SEE10151355ARM1	10/15/2010	TPH (GRO)	12000	ug/Kg	U

**TABLE B-2b**  
**Upstream Sediment Samples (Morrow Lake)**

Sample ID	Sample Date	Analyte	Result	Unit	Data Qualifier
SEE10121415ARM1	10/12/2010	TPH (GRO)	12000	ug/Kg	U
SEE10101215PML1	10/10/2010	TPH (GRO)	12000	ug/Kg	U
SEE10101215PML1	10/10/2010	TPH (GRO)	12000	ug/Kg	U
SEE10071205PML1	10/7/2010	TPH (GRO)	12000	ug/Kg	U
SEE10041335JDF1	10/4/2010	TPH (GRO)	12000	ug/Kg	U
SEE09291645JDF1	9/29/2010	TPH (GRO)	12000	ug/Kg	U
SEE09260930RCM1	9/26/2010	TPH (GRO)	12000	ug/Kg	U
SEE09211530JDF1	9/21/2010	TPH (GRO)	12000	ug/Kg	U
SEE09171125PML1	9/17/2010	TPH (GRO)	12000	ug/Kg	U
SEE09161035RCM1	9/16/2010	TPH (GRO)	12000	ug/Kg	U
SEE09141312RCM1	9/14/2010	TPH (GRO)	12000	ug/Kg	U
SEE09130955JRP1	9/13/2010	TPH (GRO)	12000	ug/Kg	U
SEE09091605PML1	9/9/2010	TPH (GRO)	12000	ug/Kg	U
SEE09061130MHS1	9/6/2010	TPH (GRO)	12000	ug/Kg	U
SEE09051430PML1	9/5/2010	TPH (GRO)	12000	ug/Kg	U
SEE09011145PML1	9/1/2010	TPH (GRO)	12000	ug/Kg	U
SEE08301445JRP1	8/30/2010	TPH (GRO)	12000	ug/Kg	U
SEE08301520JRP1	8/30/2010	TPH (GRO)	12000	ug/Kg	U
SEE08301638MHS1	8/30/2010	TPH (GRO)	12000	ug/Kg	U
SEE101111011JDF1	10/11/2010	TPH (GRO)	11000	ug/Kg	U
SEE10071540PML1	10/7/2010	TPH (GRO)	11000	ug/Kg	U
SEE10040945JDF1	10/4/2010	TPH (GRO)	11000	ug/Kg	U
SEE09250905RCM1	9/25/2010	TPH (GRO)	11000	ug/Kg	U
SEE09231645JDF1	9/23/2010	TPH (GRO)	11000	ug/Kg	U
SEE09221105JDF1	9/22/2010	TPH (GRO)	11000	ug/Kg	U
SEE09211112RCM1	9/21/2010	TPH (GRO)	11000	ug/Kg	U
SEE09181705PML1	9/18/2010	TPH (GRO)	11000	ug/Kg	U
SEE09130940PML1	9/13/2010	TPH (GRO)	11000	ug/Kg	U
SEE09011635PML1	9/1/2010	TPH (GRO)	11000	ug/Kg	U
SEE08300920JRP1	8/30/2010	TPH (GRO)	11000	ug/Kg	U
SEE08261420RCM1	8/26/2010	TPH (GRO)	11000	ug/kg	U
SEE10111350JDF1	10/11/2010	TPH (GRO)	10000	ug/Kg	U
SEE10071415ARM1	10/7/2010	TPH (GRO)	10000	ug/Kg	U
SEE10041050JDF1	10/4/2010	TPH (GRO)	10000	ug/Kg	U
SEE09171445RCM1	9/17/2010	TPH (GRO)	10000	ug/Kg	U
SEE08311010JRP1	8/31/2010	TPH (GRO)	10000	ug/Kg	U
SEE08261445JRP1	8/26/2010	TPH (GRO)	10000	ug/Kg	U
SEE10041355ARM1	10/4/2010	TPH (GRO)	9800	ug/Kg	U
SEE08271445JRP1	8/27/2010	TPH (GRO)	9800	ug/kg	U
SEE09290925JDF1	9/29/2010	TPH (GRO)	9700	ug/Kg	U
SEE10170915JDF1	10/17/2010	TPH (GRO)	9600	ug/Kg	U
SEE09301105JDF1	9/30/2010	TPH (GRO)	9300	ug/Kg	U
SEE09301255MAE1	9/30/2010	TPH (GRO)	9100	ug/Kg	U
SEE08291445PML1	8/29/2010	TPH (GRO)	9000	ug/kg	U
SEE09291135JDF1	9/29/2010	TPH (GRO)	8900	ug/Kg	U
SEE10081115PML1	10/8/2010	TPH (GRO)	8700	ug/Kg	U
SEE09031140MHS1	9/3/2010	TPH (GRO)	8700	ug/Kg	U
SEE10071151RCM1	10/7/2010	TPH (GRO)	8600	ug/Kg	U
SEE08291354KAP1	8/29/2010	TPH (GRO)	8400	ug/kg	U
SEE09031645MHS1	9/3/2010	TPH (GRO)	8200	ug/Kg	U
SEE09261625JDF1	9/26/2010	TPH (GRO)	8100	ug/Kg	U
SEE09261625JDF1	9/26/2010	TPH (GRO)	8100	ug/Kg	U
SEE09191530PML1	9/19/2010	TPH (GRO)	8100	ug/Kg	U
SEE09291023RCM1	9/29/2010	TPH (GRO)	7600	ug/Kg	U
SEE09231210JDF1	9/23/2010	TPH (GRO)	7600	ug/Kg	U
SEE09090900JRP1	9/9/2010	TPH (GRO)	7600	ug/Kg	U
SEE09051550MHS1	9/5/2010	TPH (GRO)	7500	ug/Kg	U
SEE10141015JDF1	10/14/2010	TPH (GRO)	7400	ug/Kg	U
SEE09261215JDF1	9/26/2010	TPH (GRO)	7400	ug/Kg	U
SEE08271614TWH1	8/27/2010	TPH (GRO)	7400	ug/kg	U

**TABLE B-2b**  
**Upstream Sediment Samples (Morrow Lake)**

Sample ID	Sample Date	Analyte	Result	Unit	Data Qualifier
SEE10141150JDF1	10/14/2010	TPH (GRO)	7300	ug/Kg	U
SEE10120930JDF1	10/12/2010	TPH (GRO)	7100	ug/Kg	U
SEE10091200ARM1	10/9/2010	TPH (GRO)	7100	ug/Kg	U
SEE09251135JDF1	9/25/2010	TPH (GRO)	7100	ug/Kg	U
SEE09230955RCM1	9/23/2010	TPH (GRO)	7100	ug/Kg	U
SEE09011545MHS1	9/1/2010	TPH (GRO)	7100	ug/Kg	U
SEE10121030JDF1	10/12/2010	TPH (GRO)	7000	ug/Kg	U
SEE10121155JDF1	10/12/2010	TPH (GRO)	6900	ug/Kg	U
SEE09220935RCM1	9/22/2010	TPH (GRO)	6900	ug/Kg	U
SEE08271652TWH1	8/27/2010	TPH (GRO)	6900	ug/kg	U
SEE09221615JDF1	9/22/2010	TPH (GRO)	6400	ug/Kg	U
SEE10141025ARM1	10/14/2010	TPH (GRO)	6300	ug/Kg	U
SEE09301205RCM1	9/30/2010	TPH (GRO)	6200	ug/Kg	U
SEE08301530JAW1	8/30/2010	TPH (GRO)	6200	ug/Kg	U
SEE10011120JDF1	10/1/2010	TPH (GRO)	6100	ug/Kg	U
SEE09271130JDF1	9/27/2010	TPH (GRO)	6000	ug/Kg	U
SEE09291035JDF1	9/29/2010	TPH (GRO)	5800	ug/Kg	U
SEE09130915JRP1	9/13/2010	TPH (GRO)	5800	ug/Kg	U
SEE08271536TWH1	8/27/2010	TPH (GRO)	5600	ug/kg	U
SEB08281400JLS1	8/28/2010	TPH (GRO)	5500	ug/kg	U
SEE09271515JDF1	9/27/2010	TPH (GRO)	5400	ug/Kg	U
SEE09231130ARM1	9/23/2010	TPH (GRO)	5200	ug/Kg	U
SEE08281540JRP1	8/28/2010	TPH (GRO)	5200	ug/kg	U
SEE08311348MHS1	8/31/2010	TPH (GRO)	4800	ug/Kg	U
SEE09061610JAW1	9/6/2010	TPH (GRO)	4700	ug/Kg	U
SEE10171535ARM1	10/17/2010	TPH (GRO)	4600	ug/Kg	U
SEE10011125ARM1	10/1/2010	TPH (GRO)	4300	ug/Kg	U
SEE10051415ARM1	10/5/2010	TPH (GRO)	4100	ug/Kg	U
SEE09051500MHS1	9/5/2010	TPH (GRO)	4000	ug/Kg	U
SEE08301410JRP1	8/30/2010	TPH (GRO)	3900	ug/Kg	U
SEE09201110ARM1	9/20/2010	TPH (GRO)	3700	ug/Kg	U
SEE10081035ARM1	10/8/2010	TPH (GRO)	3600	ug/Kg	U
SEE09211120ARM1	9/21/2010	TPH (GRO)	3600	ug/Kg	U
SEE09100945RCM1	9/10/2010	TPH (GRO)	3600	ug/Kg	U
SEB09011143JLS1	9/1/2010	TPH (GRO)	3600	ug/Kg	U
SEE08261700JRP1	8/26/2010	TPH (GRO)	3500	ug/Kg	U
SEE09281445RCM1	9/28/2010	TPH (GRO)	3300	ug/Kg	U
SEF10011045TDF1	10/1/2010	TPH (GRO)	3200	ug/Kg	U
SEE09271500ARM1	9/27/2010	TPH (GRO)	3100	ug/Kg	U
SEE10071045ARM1	10/7/2010	TPH (GRO)	3000	ug/Kg	U
SEE10051145RCM1	10/5/2010	TPH (GRO)	3000	ug/Kg	U
SEE10011043RCM1	10/1/2010	TPH (GRO)	3000	ug/Kg	U
SEE09170935RCM1	9/17/2010	TPH (GRO)	3000	ug/Kg	U
SEE08301100JRP1	8/30/2010	TPH (GRO)	3000	ug/Kg	U
SEF10151030PMB3	10/15/2010	TPH (GRO)	2900	ug/Kg	U
SEF10081108TDF3	10/8/2010	TPH (GRO)	2800	ug/Kg	U
SEE10061135ARM1	10/6/2010	TPH (GRO)	2800	ug/Kg	U
SEE09290915MAE1	9/29/2010	TPH (GRO)	2800	ug/Kg	U
SEE09231035ARM1	9/23/2010	TPH (GRO)	2800	ug/Kg	U
SEE09140945JRP1	9/14/2010	TPH (GRO)	2800	ug/Kg	U
SEE09070930JRP1	9/7/2010	TPH (GRO)	2800	ug/Kg	U
SEF10121130PMB3	10/12/2010	TPH (GRO)	2700	ug/Kg	U
SEE10041045ARM1	10/4/2010	TPH (GRO)	2700	ug/Kg	U
SEE09221045ARM1	9/22/2010	TPH (GRO)	2700	ug/Kg	U
SEE09150915JRP1	9/15/2010	TPH (GRO)	2700	ug/Kg	U
SEE09100920JRP1	9/10/2010	TPH (GRO)	2700	ug/Kg	U
SEE09080930JRP1	9/8/2010	TPH (GRO)	2700	ug/Kg	U
SEE09011515JAW1	9/1/2010	TPH (GRO)	2700	ug/Kg	U
SEE10121040ARM1	10/12/2010	TPH (GRO)	2600	ug/Kg	U
SEF10051206TDF3	10/5/2010	TPH (GRO)	2600	ug/Kg	U

**TABLE B-2b**  
**Upstream Sediment Samples (Morrow Lake)**

Sample ID	Sample Date	Analyte	Result	Unit	Data Qualifier
SEE09051500JAW1	9/5/2010	TPH (GRO)	2600	ug/Kg	U
SEE10181030JWP1	10/18/2010	TPH (GRO)	2500	ug/Kg	U
SEE09301025MAE1	9/30/2010	TPH (GRO)	2400	ug/Kg	U
SEF09281139TDF1	9/28/2010	TPH (GRO)	2300	ug/Kg	U
SEE09200911RCM1	9/20/2010	TPH (GRO)	1800	ug/Kg	U
SEE10131035ARM1	10/13/2010	TPH (GRO)	1700	ug/Kg	U
SEE09171200ARM1	9/17/2010	TPH (GRO)	1700	ug/Kg	U
SEE09251235ARM1	9/25/2010	TPH (GRO)	1600	ug/Kg	U
SEE09231205RCM1	9/23/2010	TPH (GRO)	1500	ug/Kg	U
SEE10121415ARM1	10/12/2010	TPH (ORO)	5000000	ug/Kg	J
SEE10151355ARM1	10/15/2010	TPH (ORO)	3800000	ug/Kg	J
SEE08301015JRP1	8/30/2010	TPH (ORO)	3700000	ug/Kg	J
SEE09090900JRP1	9/9/2010	TPH (ORO)	3000000	ug/Kg	J
SEE10151055ARM1	10/15/2010	TPH (ORO)	2800000	ug/Kg	J
SEE08301445JRP1	8/30/2010	TPH (ORO)	2700000	ug/Kg	J
SEE10141555ARM1	10/14/2010	TPH (ORO)	2600000	ug/Kg	
SEE08301520JRP1	8/30/2010	TPH (ORO)	2600000	ug/Kg	J
SEE09030925PML1	9/3/2010	TPH (ORO)	2300000	ug/Kg	J
SEE10041530JDF1	10/4/2010	TPH (ORO)	2200000	ug/Kg	J
SEE10011120JDF1	10/1/2010	TPH (ORO)	2100000	ug/Kg	J
SEE09051550MHS1	9/5/2010	TPH (ORO)	2100000	ug/Kg	J
SEE10181430JWP1	10/18/2010	TPH (ORO)	2000000	ug/Kg	J
SEE10071415ARM1	10/7/2010	TPH (ORO)	2000000	ug/Kg	J
SEE10041138RCM1	10/4/2010	TPH (ORO)	2000000	ug/Kg	J
SEE10171410JDF1	10/17/2010	TPH (ORO)	1900000	ug/Kg	J
SEE10101215PML1	10/10/2010	TPH (ORO)	1900000	ug/Kg	J
SEE10101215PML1	10/10/2010	TPH (ORO)	1900000	ug/Kg	J
SEE10071042RCM1	10/7/2010	TPH (ORO)	1900000	ug/Kg	J
SEE09301255JDF1	9/30/2010	TPH (ORO)	1900000	ug/Kg	
SEE09081010PML1	9/8/2010	TPH (ORO)	1900000	ug/Kg	J
SEE09051130PML1	9/5/2010	TPH (ORO)	1900000	ug/Kg	J
SEE09031140MHS1	9/3/2010	TPH (ORO)	1900000	ug/Kg	J
SEE10011125ARM1	10/1/2010	TPH (ORO)	1800000	ug/Kg	J
SEE09301105JDF1	9/30/2010	TPH (ORO)	1800000	ug/Kg	
SEE09291023RCM1	9/29/2010	TPH (ORO)	1800000	ug/Kg	
SEE09261215JDF1	9/26/2010	TPH (ORO)	1800000	ug/Kg	J
SEE09261625JDF1	9/26/2010	TPH (ORO)	1800000	ug/Kg	J
SEE09261625JDF1	9/26/2010	TPH (ORO)	1800000	ug/Kg	J
SEE09171445RCM1	9/17/2010	TPH (ORO)	1800000	ug/Kg	J
SEE09141515PML1	9/14/2010	TPH (ORO)	1800000	ug/Kg	J
SEE09081205PML1	9/8/2010	TPH (ORO)	1800000	ug/Kg	J
SEE09061105PML1	9/6/2010	TPH (ORO)	1800000	ug/Kg	J
SEE09061130MHS1	9/6/2010	TPH (ORO)	1800000	ug/Kg	J
SEE09041350PML1	9/4/2010	TPH (ORO)	1800000	ug/Kg	J
SEE09031115JAW1	9/3/2010	TPH (ORO)	1800000	ug/Kg	J
SEE09031650PML1	9/3/2010	TPH (ORO)	1800000	ug/Kg	J
SEE09031650PML1	9/3/2010	TPH (ORO)	1800000	ug/Kg	J
SEE10171115JDF1	10/17/2010	TPH (ORO)	1700000	ug/Kg	J
SEE10141015JDF1	10/14/2010	TPH (ORO)	1700000	ug/Kg	
SEE10141150JDF1	10/14/2010	TPH (ORO)	1700000	ug/Kg	
SEE09260930RCM1	9/26/2010	TPH (ORO)	1700000	ug/Kg	J
SEE09071050PML1	9/7/2010	TPH (ORO)	1700000	ug/Kg	J
SEE09031645MHS1	9/3/2010	TPH (ORO)	1700000	ug/Kg	
SEE08311045PML1	8/31/2010	TPH (ORO)	1700000	ug/Kg	
SEE10071205PML1	10/7/2010	TPH (ORO)	1600000	ug/Kg	J
SEE10041150JDF1	10/4/2010	TPH (ORO)	1600000	ug/Kg	J
SEE10041335JDF1	10/4/2010	TPH (ORO)	1600000	ug/Kg	J
SEE10031115JDF1	10/3/2010	TPH (ORO)	1600000	ug/Kg	J
SEE10031115JDF1	10/3/2010	TPH (ORO)	1600000	ug/Kg	J
SEE09131026RCM1	9/13/2010	TPH (ORO)	1600000	ug/Kg	



**TABLE B-2b**  
**Upstream Sediment Samples (Morrow Lake)**

Sample ID	Sample Date	Analyte	Result	Unit	Data Qualifier
SEE09091005RCM1	9/9/2010	TPH (ORO)	1600000	ug/Kg	J
SEE09091410RCM1	9/9/2010	TPH (ORO)	1600000	ug/Kg	J
SEE09081020RCM1	9/8/2010	TPH (ORO)	1600000	ug/Kg	J
SEE09040950PML1	9/4/2010	TPH (ORO)	1600000	ug/Kg	J
SEE09031100PML1	9/3/2010	TPH (ORO)	1600000	ug/Kg	
SEE09011545PML1	9/1/2010	TPH (ORO)	1600000	ug/Kg	
SEE10150945JDF1	10/15/2010	TPH (ORO)	1500000	ug/Kg	
SEE10111125JDF1	10/11/2010	TPH (ORO)	1500000	ug/Kg	J
SEE10081051RCM1	10/8/2010	TPH (ORO)	1500000	ug/Kg	
SEE10061051RCM1	10/6/2010	TPH (ORO)	1500000	ug/Kg	
SEE10041050JDF1	10/4/2010	TPH (ORO)	1500000	ug/Kg	J
SEE09191040PML1	9/19/2010	TPH (ORO)	1500000	ug/Kg	J
SEE09131125PML1	9/13/2010	TPH (ORO)	1500000	ug/Kg	
SEE09131505PML1	9/13/2010	TPH (ORO)	1500000	ug/Kg	
SEE09101022PML1	9/10/2010	TPH (ORO)	1500000	ug/Kg	J
SEE09061500PML1	9/6/2010	TPH (ORO)	1500000	ug/Kg	J
SEE09061525MHS1	9/6/2010	TPH (ORO)	1500000	ug/Kg	J
SEE09021010PML1	9/2/2010	TPH (ORO)	1500000	ug/Kg	J
SEE09021400PML1	9/2/2010	TPH (ORO)	1500000	ug/Kg	
SEE09011255PML1	9/1/2010	TPH (ORO)	1500000	ug/Kg	J
SEE09011545MHS1	9/1/2010	TPH (ORO)	1500000	ug/Kg	
SEE08301145MHS1	8/30/2010	TPH (ORO)	1500000	ug/Kg	
SEE10161115ARM1	10/16/2010	TPH (ORO)	1400000	ug/Kg	
SEE10120930JDF1	10/12/2010	TPH (ORO)	1400000	ug/Kg	J
SEE10071540PML1	10/7/2010	TPH (ORO)	1400000	ug/Kg	J
SEE10051125PML1	10/5/2010	TPH (ORO)	1400000	ug/Kg	
SEE10041355ARM1	10/4/2010	TPH (ORO)	1400000	ug/Kg	J
SEE09301205RCM1	9/30/2010	TPH (ORO)	1400000	ug/Kg	J
SEE09191445RCM1	9/19/2010	TPH (ORO)	1400000	ug/Kg	J
SEE09121055PML1	9/12/2010	TPH (ORO)	1400000	ug/Kg	J
SEE09121055PML1	9/12/2010	TPH (ORO)	1400000	ug/Kg	J
SEE09051015PML1	9/5/2010	TPH (ORO)	1400000	ug/Kg	J
SEE09051430PML1	9/5/2010	TPH (ORO)	1400000	ug/Kg	J
SEE10161415JDF1	10/16/2010	TPH (ORO)	1300000	ug/Kg	J
SEE10161530JDF1	10/16/2010	TPH (ORO)	1300000	ug/Kg	
SEE10141550JDF1	10/14/2010	TPH (ORO)	1300000	ug/Kg	
SEE10141550JDF1	10/14/2010	TPH (ORO)	1300000	ug/Kg	
SEE10121030JDF1	10/12/2010	TPH (ORO)	1300000	ug/Kg	J
SEE10121155JDF1	10/12/2010	TPH (ORO)	1300000	ug/Kg	J
SEE10111011JDF1	10/11/2010	TPH (ORO)	1300000	ug/Kg	J
SEE10071151RCM1	10/7/2010	TPH (ORO)	1300000	ug/Kg	J
SEE10061205PML1	10/6/2010	TPH (ORO)	1300000	ug/Kg	
SEE10040945JDF1	10/4/2010	TPH (ORO)	1300000	ug/Kg	J
SEE10031425JDF1	10/3/2010	TPH (ORO)	1300000	ug/Kg	J
SEE09290925JDF1	9/29/2010	TPH (ORO)	1300000	ug/Kg	J
SEE09291035JDF1	9/29/2010	TPH (ORO)	1300000	ug/Kg	J
SEE09251135JDF1	9/25/2010	TPH (ORO)	1300000	ug/Kg	J
SEE09181705PML1	9/18/2010	TPH (ORO)	1300000	ug/Kg	J
SEE09130940PML1	9/13/2010	TPH (ORO)	1300000	ug/Kg	
SEE09121436RCM1	9/12/2010	TPH (ORO)	1300000	ug/Kg	J
SEE09101215PML1	9/10/2010	TPH (ORO)	1300000	ug/Kg	J
SEE09011145PML1	9/1/2010	TPH (ORO)	1300000	ug/Kg	J
SEE08301530JAW1	8/30/2010	TPH (ORO)	1300000	ug/Kg	J
SEE08301550PML1	8/30/2010	TPH (ORO)	1300000	ug/Kg	
SEE10161055JDF1	10/16/2010	TPH (ORO)	1200000	ug/Kg	J
SEE10111350JDF1	10/11/2010	TPH (ORO)	1200000	ug/Kg	J
SEE10101010PML1	10/10/2010	TPH (ORO)	1200000	ug/Kg	
SEE10091401PML1	10/9/2010	TPH (ORO)	1200000	ug/Kg	
SEE10061640PML1	10/6/2010	TPH (ORO)	1200000	ug/Kg	
SEE10061640PML1	10/6/2010	TPH (ORO)	1200000	ug/Kg	

**TABLE B-2b**  
**Upstream Sediment Samples (Morrow Lake)**

Sample ID	Sample Date	Analyte	Result	Unit	Data Qualifier
SEE10051653PML1	10/5/2010	TPH (ORO)	1200000	ug/Kg	
SEE09301255MAE1	9/30/2010	TPH (ORO)	1200000	ug/Kg	J
SEE09291135JDF1	9/29/2010	TPH (ORO)	1200000	ug/Kg	J
SEE09271130JDF1	9/27/2010	TPH (ORO)	1200000	ug/Kg	J
SEE09170945PML1	9/17/2010	TPH (ORO)	1200000	ug/Kg	J
SEE09130955JRP1	9/13/2010	TPH (ORO)	1200000	ug/Kg	
SEE09131620PML1	9/13/2010	TPH (ORO)	1200000	ug/Kg	
SEE09111015PML1	9/11/2010	TPH (ORO)	1200000	ug/Kg	
SEE09091010PML1	9/9/2010	TPH (ORO)	1200000	ug/Kg	J
SEE09091145PML1	9/9/2010	TPH (ORO)	1200000	ug/Kg	J
SEE09091605PML1	9/9/2010	TPH (ORO)	1200000	ug/Kg	J
SEE09051500MHS1	9/5/2010	TPH (ORO)	1200000	ug/Kg	J
SEE08301130PML1	8/30/2010	TPH (ORO)	1200000	ug/Kg	
SEE10170915JDF1	10/17/2010	TPH (ORO)	1100000	ug/Kg	J
SEE10131150JDF1	10/13/2010	TPH (ORO)	1100000	ug/Kg	
SEE10091614PML1	10/9/2010	TPH (ORO)	1100000	ug/Kg	
SEE09250905RCM1	9/25/2010	TPH (ORO)	1100000	ug/Kg	J
SEE09221105JDF1	9/22/2010	TPH (ORO)	1100000	ug/Kg	J
SEE09200945PML1	9/20/2010	TPH (ORO)	1100000	ug/Kg	J
SEE09200945PML1	9/20/2010	TPH (ORO)	1100000	ug/Kg	J
SEE09181235PML1	9/18/2010	TPH (ORO)	1100000	ug/Kg	J
SEE09161045PML1	9/16/2010	TPH (ORO)	1100000	ug/Kg	
SEE09131445RCM1	9/13/2010	TPH (ORO)	1100000	ug/Kg	
SEE09121105RCM1	9/12/2010	TPH (ORO)	1100000	ug/Kg	J
SEE09101625PML1	9/10/2010	TPH (ORO)	1100000	ug/Kg	J
SEE08311420PML1	8/31/2010	TPH (ORO)	1100000	ug/Kg	
SEE08311420PML1	8/31/2010	TPH (ORO)	1100000	ug/Kg	
SEE10051415ARM1	10/5/2010	TPH (ORO)	1000000	ug/Kg	J
SEE09291645JDF1	9/29/2010	TPH (ORO)	1000000	ug/Kg	J
SEE09221615JDF1	9/22/2010	TPH (ORO)	1000000	ug/Kg	J
SEE09211530JDF1	9/21/2010	TPH (ORO)	1000000	ug/Kg	J
SEE09201115RCM1	9/20/2010	TPH (ORO)	1000000	ug/Kg	J
SEE09191530PML1	9/19/2010	TPH (ORO)	1000000	ug/Kg	
SEE09141312RCM1	9/14/2010	TPH (ORO)	1000000	ug/Kg	J
SEE09121450PML1	9/12/2010	TPH (ORO)	1000000	ug/Kg	J
SEE09011050PML1	9/1/2010	TPH (ORO)	1000000	ug/Kg	
SEE08311348MHS1	8/31/2010	TPH (ORO)	1000000	ug/Kg	
SEE09271515JDF1	9/27/2010	TPH (ORO)	980000	ug/Kg	J
SEE10081115PML1	10/8/2010	TPH (ORO)	970000	ug/Kg	
SEE08261445JRP1	8/26/2010	TPH (ORO)	970000	ug/Kg	
SEE10071101PML1	10/7/2010	TPH (ORO)	960000	ug/Kg	
SEE09230955RCM1	9/23/2010	TPH (ORO)	960000	ug/Kg	
SEE09211155JDF1	9/21/2010	TPH (ORO)	960000	ug/Kg	J
SEE09170839RCM1	9/17/2010	TPH (ORO)	960000	ug/Kg	J
SEE09011635PML1	9/1/2010	TPH (ORO)	960000	ug/Kg	J
SEE09140945PML1	9/14/2010	TPH (ORO)	950000	ug/Kg	J
SEE08301638MHS1	8/30/2010	TPH (ORO)	940000	ug/Kg	
SEE09220935RCM1	9/22/2010	TPH (ORO)	920000	ug/Kg	
SEE09271025ARM1	9/27/2010	TPH (ORO)	910000	ug/Kg	
SEE09091025JRP1	9/9/2010	TPH (ORO)	880000	ug/Kg	J
SEE09221440JDF1	9/22/2010	TPH (ORO)	870000	ug/Kg	
SEE09201645ARM1	9/20/2010	TPH (ORO)	870000	ug/Kg	J
SEE09151015PML1	9/15/2010	TPH (ORO)	840000	ug/Kg	J
SEE09171125PML1	9/17/2010	TPH (ORO)	830000	ug/Kg	J
SEE09091410PML1	9/9/2010	TPH (ORO)	830000	ug/Kg	
SEE10181510JDF1	10/18/2010	TPH (ORO)	820000	ug/Kg	
SEE10181510JDF1	10/18/2010	TPH (ORO)	820000	ug/Kg	
SEE08311010JRP1	8/31/2010	TPH (ORO)	810000	ug/Kg	J
SEE10181210JDF1	10/18/2010	TPH (ORO)	800000	ug/Kg	
SEE09211112RCM1	9/21/2010	TPH (ORO)	790000	ug/Kg	J

**TABLE B-2b**  
**Upstream Sediment Samples (Morrow Lake)**

Sample ID	Sample Date	Analyte	Result	Unit	Data Qualifier
SEE09141135PML1	9/14/2010	TPH (ORO)	790000	ug/Kg	J
SEE10181035JDF1	10/18/2010	TPH (ORO)	750000	ug/Kg	
SEE09151145PML1	9/15/2010	TPH (ORO)	680000	ug/Kg	J
SEE09151145PML1	9/15/2010	TPH (ORO)	680000	ug/Kg	J
SEE08300920JRP1	8/30/2010	TPH (ORO)	680000	ug/Kg	
SEE09171415PML1	9/17/2010	TPH (ORO)	660000	ug/Kg	J
SEE10081231PML1	10/8/2010	TPH (ORO)	650000	ug/Kg	
SEE10141025ARM1	10/14/2010	TPH (ORO)	640000	ug/Kg	
SEE09281445RCM1	9/28/2010	TPH (ORO)	640000	ug/Kg	J
SEE10071045ARM1	10/7/2010	TPH (ORO)	630000	ug/Kg	J
SEE10011043RCM1	10/1/2010	TPH (ORO)	590000	ug/Kg	J
SEE09091515PML1	9/9/2010	TPH (ORO)	540000	ug/Kg	
SEE09231210JDF1	9/23/2010	TPH (ORO)	510000	ug/Kg	
SEE10091200ARM1	10/9/2010	TPH (ORO)	480000	ug/Kg	
SEE10171535ARM1	10/17/2010	TPH (ORO)	470000	ug/Kg	
SEE09171530PML1	9/17/2010	TPH (ORO)	470000	ug/Kg	J
SEE09231130ARM1	9/23/2010	TPH (ORO)	450000	ug/Kg	
SEE09161035RCM1	9/16/2010	TPH (ORO)	410000	ug/Kg	
SEE09061610JAW1	9/6/2010	TPH (ORO)	400000	ug/Kg	
SEE10061135ARM1	10/6/2010	TPH (ORO)	370000	ug/Kg	J
SEE09130915JRP1	9/13/2010	TPH (ORO)	300000	ug/Kg	
SEE08301410JRP1	8/30/2010	TPH (ORO)	280000	ug/Kg	
SEE09200911RCM1	9/20/2010	TPH (ORO)	270000	ug/Kg	J
SEE08301100JRP1	8/30/2010	TPH (ORO)	260000	ug/Kg	J
SEE09170935RCM1	9/17/2010	TPH (ORO)	250000	ug/Kg	J
SEE08271145RCM1	8/27/2010	TPH (ORO)	250000	ug/kg	
SEE08271215PML1	8/27/2010	TPH (ORO)	250000	ug/kg	
SEE09290915MAE1	9/29/2010	TPH (ORO)	240000	ug/Kg	
SEE09100945RCM1	9/10/2010	TPH (ORO)	240000	ug/Kg	J
SEE08291421KAP1	8/29/2010	TPH (ORO)	240000	ug/kg	
SEE08291550KAP1	8/29/2010	TPH (ORO)	240000	ug/kg	
SEE08281630RCM1	8/28/2010	TPH (ORO)	240000	ug/kg	
SEE08281505PML1	8/28/2010	TPH (ORO)	230000	ug/kg	
SEE09171200ARM1	9/17/2010	TPH (ORO)	220000	ug/Kg	J
SEE10051145RCM1	10/5/2010	TPH (ORO)	210000	ug/Kg	J
SEE08271614TWH1	8/27/2010	TPH (ORO)	210000	ug/kg	
SEE09231645JDF1	9/23/2010	TPH (ORO)	200000	ug/Kg	
SEE08271500PML1	8/27/2010	TPH (ORO)	200000	ug/kg	
SEE08291110PML1	8/29/2010	TPH (ORO)	190000	ug/kg	
SEE09231205RCM1	9/23/2010	TPH (ORO)	180000	ug/Kg	
SEF10011045TDF1	10/1/2010	TPH (ORO)	160000	ug/Kg	
SEE09201110ARM1	9/20/2010	TPH (ORO)	160000	ug/Kg	J
SEE08281420TWH1	8/28/2010	TPH (ORO)	150000	ug/kg	
SEE08281607TWH1	8/28/2010	TPH (ORO)	150000	ug/kg	
SEE10121040ARM1	10/12/2010	TPH (ORO)	140000	ug/Kg	
SEF10051206TDF3	10/5/2010	TPH (ORO)	140000	ug/Kg	
SEE09211120ARM1	9/21/2010	TPH (ORO)	130000	ug/Kg	J
SEE08281215PML1	8/28/2010	TPH (ORO)	120000	ug/kg	
SEE08281510TWH1	8/28/2010	TPH (ORO)	120000	ug/kg	
SEE10041045ARM1	10/4/2010	TPH (ORO)	110000	ug/Kg	
SEE09251235ARM1	9/25/2010	TPH (ORO)	110000	ug/Kg	
SEE09140945JRP1	9/14/2010	TPH (ORO)	110000	ug/Kg	J
SEF10121130PMB3	10/12/2010	TPH (ORO)	100000	ug/Kg	
SEE09301025MAE1	9/30/2010	TPH (ORO)	100000	ug/Kg	
SEE09271500ARM1	9/27/2010	TPH (ORO)	100000	ug/Kg	
SEE09070930JRP1	9/7/2010	TPH (ORO)	100000	ug/Kg	
SEE09051500JAW1	9/5/2010	TPH (ORO)	98000	ug/Kg	J
SEF10151030PMB3	10/15/2010	TPH (ORO)	88000	ug/Kg	
SEE08291354KAP1	8/29/2010	TPH (ORO)	83000	ug/kg	
SEE09100920JRP1	9/10/2010	TPH (ORO)	73000	ug/Kg	J

**TABLE B-2b**  
**Upstream Sediment Samples (Morrow Lake)**

Sample ID	Sample Date	Analyte	Result	Unit	Data Qualifier
SEE10081035ARM1	10/8/2010	TPH (ORO)	69000	ug/Kg	
SEE10181030JWP1	10/18/2010	TPH (ORO)	67000	ug/Kg	
SEF10081108TDF3	10/8/2010	TPH (ORO)	67000	ug/Kg	
SEE09231035ARM1	9/23/2010	TPH (ORO)	67000	ug/Kg	
SEE08261700JRP1	8/26/2010	TPH (ORO)	63000	ug/Kg	
SEE08271652TWH1	8/27/2010	TPH (ORO)	56000	ug/kg	
SEE08271445JRP1	8/27/2010	TPH (ORO)	55000	ug/kg	
SEE09150915JRP1	9/15/2010	TPH (ORO)	54000	ug/Kg	J
SEE08291445PML1	8/29/2010	TPH (ORO)	50000	ug/kg	
SEF09281139TDF1	9/28/2010	TPH (ORO)	49000	ug/Kg	
SEE10131035ARM1	10/13/2010	TPH (ORO)	46000	ug/Kg	
SEE09011515JAW1	9/1/2010	TPH (ORO)	40000	ug/Kg	
SEE09221045ARM1	9/22/2010	TPH (ORO)	37000	ug/Kg	
SEB09011143JLS1	9/1/2010	TPH (ORO)	29000	ug/Kg	
SEE09080930JRP1	9/8/2010	TPH (ORO)	24000	ug/Kg	
SEE08281540JRP1	8/28/2010	TPH (ORO)	20000	ug/kg	
SEE08261620RCM1	8/26/2010	TPH (ORO)	19000	ug/kg	
SEE08271536TWH1	8/27/2010	TPH (ORO)	15000	ug/kg	J
SEE08261420RCM1	8/26/2010	TPH (ORO)	12000	ug/kg	
SEB08281400JLS1	8/28/2010	TPH (ORO)	8900	ug/kg	
SEE10211035JDF1	10/21/2010	trans-1,2-Dichloroethene	620	ug/Kg	U
SEE10191515JDF1	10/19/2010	trans-1,2-Dichloroethene	560	ug/Kg	U
SEE10211430JDF1	10/21/2010	trans-1,2-Dichloroethene	540	ug/Kg	U
SEE10191005JDF1	10/19/2010	trans-1,2-Dichloroethene	540	ug/Kg	U
SEE10221110JDF1	10/22/2010	trans-1,2-Dichloroethene	530	ug/Kg	U
SEE10221110JDF1	10/22/2010	trans-1,2-Dichloroethene	530	ug/Kg	U
SEE10191415JDF1	10/19/2010	trans-1,2-Dichloroethene	510	ug/Kg	U
SEE10191155JDF1	10/19/2010	trans-1,2-Dichloroethene	490	ug/Kg	U
SEE10211010JWP1	10/21/2010	trans-1,2-Dichloroethene	470	ug/Kg	U
SEE10191100JDF1	10/19/2010	trans-1,2-Dichloroethene	470	ug/Kg	U
SEE10221055DWS1	10/22/2010	trans-1,2-Dichloroethene	450	ug/Kg	U
SEE10191010JWP1	10/19/2010	trans-1,2-Dichloroethene	450	ug/Kg	U
SEE10221450DWS1	10/22/2010	trans-1,2-Dichloroethene	240	ug/Kg	U
SEE10211345JWP1	10/21/2010	trans-1,2-Dichloroethene	220	ug/Kg	U
SEF10221050MAE3	10/22/2010	trans-1,2-Dichloroethene	150	ug/Kg	U
SEF10191135NAC3	10/19/2010	trans-1,2-Dichloroethene	150	ug/Kg	U
SEE10141015JDF1	10/14/2010	trans-1,2-Dichloroethene	140	ug/Kg	U
SEE10191115JWP1	10/19/2010	trans-1,2-Dichloroethene	130	ug/Kg	U
SEE09200945PML1	9/20/2010	trans-1,2-Dichloroethene	60	ug/Kg	U
SEE09200945PML1	9/20/2010	trans-1,2-Dichloroethene	60	ug/Kg	U
SEE09201115RCM1	9/20/2010	trans-1,2-Dichloroethene	58	ug/Kg	U
SEE09201645ARM1	9/20/2010	trans-1,2-Dichloroethene	48	ug/Kg	U
SEE10071042RCM1	10/7/2010	trans-1,2-Dichloroethene	45	ug/Kg	U
SEE09061500PML1	9/6/2010	trans-1,2-Dichloroethene	45	ug/Kg	U
SEE08281607TWH1	8/28/2010	trans-1,2-Dichloroethene	44	ug/kg	U
SEE09301105JDF1	9/30/2010	trans-1,2-Dichloroethene	42	ug/Kg	U
SEE09181705PML1	9/18/2010	trans-1,2-Dichloroethene	42	ug/Kg	U
SEE09021400PML1	9/2/2010	trans-1,2-Dichloroethene	41	ug/Kg	U
SEE08301130PML1	8/30/2010	trans-1,2-Dichloroethene	41	ug/Kg	U
SEE10091401PML1	10/9/2010	trans-1,2-Dichloroethene	40	ug/Kg	U
SEE10181035JDF1	10/18/2010	trans-1,2-Dichloroethene	39	ug/Kg	U
SEE10051125PML1	10/5/2010	trans-1,2-Dichloroethene	39	ug/Kg	U
SEE08311045PML1	8/31/2010	trans-1,2-Dichloroethene	39	ug/Kg	U
SEE10141555ARM1	10/14/2010	trans-1,2-Dichloroethene	38	ug/Kg	U
SEE09101215PML1	9/10/2010	trans-1,2-Dichloroethene	38	ug/Kg	U
SEE10161530JDF1	10/16/2010	trans-1,2-Dichloroethene	37	ug/Kg	U
SEE10081115PML1	10/8/2010	trans-1,2-Dichloroethene	37	ug/Kg	U
SEE09030925PML1	9/3/2010	trans-1,2-Dichloroethene	37	ug/Kg	U
SEE09031115JAW1	9/3/2010	trans-1,2-Dichloroethene	37	ug/Kg	U
SEE08281505PML1	8/28/2010	trans-1,2-Dichloroethene	37	ug/kg	U

**TABLE B-2b**  
**Upstream Sediment Samples (Morrow Lake)**

Sample ID	Sample Date	Analyte	Result	Unit	Data Qualifier
SEE10171410JDF1	10/17/2010	trans-1,2-Dichloroethene	36	ug/Kg	U
SEE09191530PML1	9/19/2010	trans-1,2-Dichloroethene	36	ug/Kg	U
SEE09181235PML1	9/18/2010	trans-1,2-Dichloroethene	36	ug/Kg	U
SEE09141135PML1	9/14/2010	trans-1,2-Dichloroethene	36	ug/Kg	U
SEE09101022PML1	9/10/2010	trans-1,2-Dichloroethene	36	ug/Kg	U
SEE10171115JDF1	10/17/2010	trans-1,2-Dichloroethene	35	ug/Kg	U
SEE08311420PML1	8/31/2010	trans-1,2-Dichloroethene	35	ug/Kg	U
SEE08311420PML1	8/31/2010	trans-1,2-Dichloroethene	35	ug/Kg	U
SEE08271215PML1	8/27/2010	trans-1,2-Dichloroethene	35	ug/kg	U
SEE10041530JDF1	10/4/2010	trans-1,2-Dichloroethene	34	ug/Kg	U
SEE09121105RCM1	9/12/2010	trans-1,2-Dichloroethene	34	ug/Kg	U
SEE09011545PML1	9/1/2010	trans-1,2-Dichloroethene	34	ug/Kg	U
SEE08301550PML1	8/30/2010	trans-1,2-Dichloroethene	34	ug/Kg	U
SEE10181210JDF1	10/18/2010	trans-1,2-Dichloroethene	33	ug/Kg	U
SEE10181430JWP1	10/18/2010	trans-1,2-Dichloroethene	33	ug/Kg	U
SEE10181510JDF1	10/18/2010	trans-1,2-Dichloroethene	33	ug/Kg	U
SEE10181510JDF1	10/18/2010	trans-1,2-Dichloroethene	33	ug/Kg	U
SEE10131150JDF1	10/13/2010	trans-1,2-Dichloroethene	33	ug/Kg	U
SEE10101010PML1	10/10/2010	trans-1,2-Dichloroethene	33	ug/Kg	U
SEE10101215PML1	10/10/2010	trans-1,2-Dichloroethene	33	ug/Kg	U
SEE10101215PML1	10/10/2010	trans-1,2-Dichloroethene	33	ug/Kg	U
SEE09140945PML1	9/14/2010	trans-1,2-Dichloroethene	33	ug/Kg	U
SEE09061525MHS1	9/6/2010	trans-1,2-Dichloroethene	33	ug/Kg	U
SEE09051130PML1	9/5/2010	trans-1,2-Dichloroethene	33	ug/Kg	U
SEE09031100PML1	9/3/2010	trans-1,2-Dichloroethene	33	ug/Kg	U
SEE09021010PML1	9/2/2010	trans-1,2-Dichloroethene	33	ug/Kg	U
SEE08281630RCM1	8/28/2010	trans-1,2-Dichloroethene	33	ug/kg	U
SEE10031115JDF1	10/3/2010	trans-1,2-Dichloroethene	32	ug/Kg	U
SEE10031115JDF1	10/3/2010	trans-1,2-Dichloroethene	32	ug/Kg	U
SEE09301205RCM1	9/30/2010	trans-1,2-Dichloroethene	32	ug/Kg	U
SEE09301255JDF1	9/30/2010	trans-1,2-Dichloroethene	32	ug/Kg	U
SEE09231645JDF1	9/23/2010	trans-1,2-Dichloroethene	32	ug/Kg	U
SEE09141515PML1	9/14/2010	trans-1,2-Dichloroethene	32	ug/Kg	U
SEE09101625PML1	9/10/2010	trans-1,2-Dichloroethene	32	ug/Kg	U
SEE09091005RCM1	9/9/2010	trans-1,2-Dichloroethene	32	ug/Kg	U
SEE09061105PML1	9/6/2010	trans-1,2-Dichloroethene	32	ug/Kg	U
SEE09031650PML1	9/3/2010	trans-1,2-Dichloroethene	32	ug/Kg	U
SEE09031650PML1	9/3/2010	trans-1,2-Dichloroethene	32	ug/Kg	U
SEE10081231PML1	10/8/2010	trans-1,2-Dichloroethene	31	ug/Kg	U
SEE09231210JDF1	9/23/2010	trans-1,2-Dichloroethene	31	ug/Kg	U
SEE09161045PML1	9/16/2010	trans-1,2-Dichloroethene	31	ug/Kg	U
SEE09081205PML1	9/8/2010	trans-1,2-Dichloroethene	31	ug/Kg	U
SEE09071050PML1	9/7/2010	trans-1,2-Dichloroethene	31	ug/Kg	U
SEE08301145MHS1	8/30/2010	trans-1,2-Dichloroethene	31	ug/Kg	U
SEE10161115ARM1	10/16/2010	trans-1,2-Dichloroethene	30	ug/Kg	U
SEE10120930JDF1	10/12/2010	trans-1,2-Dichloroethene	30	ug/Kg	U
SEE10071101PML1	10/7/2010	trans-1,2-Dichloroethene	30	ug/Kg	U
SEE09261625JDF1	9/26/2010	trans-1,2-Dichloroethene	30	ug/Kg	U
SEE09261625JDF1	9/26/2010	trans-1,2-Dichloroethene	30	ug/Kg	U
SEE09131445RCM1	9/13/2010	trans-1,2-Dichloroethene	30	ug/Kg	U
SEE09121055PML1	9/12/2010	trans-1,2-Dichloroethene	30	ug/Kg	U
SEE09121055PML1	9/12/2010	trans-1,2-Dichloroethene	30	ug/Kg	U
SEE09121436RCM1	9/12/2010	trans-1,2-Dichloroethene	30	ug/Kg	U
SEE09091410RCM1	9/9/2010	trans-1,2-Dichloroethene	30	ug/Kg	U
SEE09011050PML1	9/1/2010	trans-1,2-Dichloroethene	30	ug/Kg	U
SEE10081051RCM1	10/8/2010	trans-1,2-Dichloroethene	29	ug/Kg	U
SEE10061640PML1	10/6/2010	trans-1,2-Dichloroethene	29	ug/Kg	U
SEE10061640PML1	10/6/2010	trans-1,2-Dichloroethene	29	ug/Kg	U
SEE10051653PML1	10/5/2010	trans-1,2-Dichloroethene	29	ug/Kg	U
SEE09261215JDF1	9/26/2010	trans-1,2-Dichloroethene	29	ug/Kg	U

**TABLE B-2b**  
**Upstream Sediment Samples (Morrow Lake)**

Sample ID	Sample Date	Analyte	Result	Unit	Data Qualifier
SEE09231130ARM1	9/23/2010	trans-1,2-Dichloroethene	29	ug/Kg	U
SEE09191040PML1	9/19/2010	trans-1,2-Dichloroethene	29	ug/Kg	U
SEE09131026RCM1	9/13/2010	trans-1,2-Dichloroethene	29	ug/Kg	U
SEE09131505PML1	9/13/2010	trans-1,2-Dichloroethene	29	ug/Kg	U
SEE09040950PML1	9/4/2010	trans-1,2-Dichloroethene	29	ug/Kg	U
SEE10011120JDF1	10/1/2010	trans-1,2-Dichloroethene	28	ug/Kg	U
SEE09211155JDF1	9/21/2010	trans-1,2-Dichloroethene	28	ug/Kg	U
SEE09171415PML1	9/17/2010	trans-1,2-Dichloroethene	28	ug/Kg	U
SEE09151145PML1	9/15/2010	trans-1,2-Dichloroethene	28	ug/Kg	U
SEE09151145PML1	9/15/2010	trans-1,2-Dichloroethene	28	ug/Kg	U
SEE09131620PML1	9/13/2010	trans-1,2-Dichloroethene	28	ug/Kg	U
SEE09121450PML1	9/12/2010	trans-1,2-Dichloroethene	28	ug/Kg	U
SEE09091515PML1	9/9/2010	trans-1,2-Dichloroethene	28	ug/Kg	U
SEE09081010PML1	9/8/2010	trans-1,2-Dichloroethene	28	ug/Kg	U
SEE09081020RCM1	9/8/2010	trans-1,2-Dichloroethene	28	ug/Kg	U
SEE09011255PML1	9/1/2010	trans-1,2-Dichloroethene	28	ug/Kg	U
SEE08301015JRP1	8/30/2010	trans-1,2-Dichloroethene	28	ug/Kg	U
SEE08261420RCM1	8/26/2010	trans-1,2-Dichloroethene	28	ug/kg	U
SEE10091614PML1	10/9/2010	trans-1,2-Dichloroethene	27	ug/Kg	U
SEE10061205PML1	10/6/2010	trans-1,2-Dichloroethene	27	ug/Kg	U
SEE10041150JDF1	10/4/2010	trans-1,2-Dichloroethene	27	ug/Kg	U
SEE09251135JDF1	9/25/2010	trans-1,2-Dichloroethene	27	ug/Kg	U
SEE09221440JDF1	9/22/2010	trans-1,2-Dichloroethene	27	ug/Kg	U
SEE09170839RCM1	9/17/2010	trans-1,2-Dichloroethene	27	ug/Kg	U
SEE09151015PML1	9/15/2010	trans-1,2-Dichloroethene	27	ug/Kg	U
SEE08291110PML1	8/29/2010	trans-1,2-Dichloroethene	27	ug/kg	U
SEE10141150JDF1	10/14/2010	trans-1,2-Dichloroethene	26	ug/Kg	U
SEE10141550JDF1	10/14/2010	trans-1,2-Dichloroethene	26	ug/Kg	U
SEE10141550JDF1	10/14/2010	trans-1,2-Dichloroethene	26	ug/Kg	U
SEE10121155JDF1	10/12/2010	trans-1,2-Dichloroethene	26	ug/Kg	U
SEE09271130JDF1	9/27/2010	trans-1,2-Dichloroethene	26	ug/Kg	U
SEE09131125PML1	9/13/2010	trans-1,2-Dichloroethene	26	ug/Kg	U
SEE09091010PML1	9/9/2010	trans-1,2-Dichloroethene	26	ug/Kg	U
SEE09091145PML1	9/9/2010	trans-1,2-Dichloroethene	26	ug/Kg	U
SEE09091410PML1	9/9/2010	trans-1,2-Dichloroethene	26	ug/Kg	U
SEE09061130MHS1	9/6/2010	trans-1,2-Dichloroethene	26	ug/Kg	U
SEE09011145PML1	9/1/2010	trans-1,2-Dichloroethene	26	ug/Kg	U
SEE08301638MHS1	8/30/2010	trans-1,2-Dichloroethene	26	ug/Kg	U
SEE10151055ARM1	10/15/2010	trans-1,2-Dichloroethene	25	ug/Kg	U
SEE10121415ARM1	10/12/2010	trans-1,2-Dichloroethene	25	ug/Kg	U
SEE10111125JDF1	10/11/2010	trans-1,2-Dichloroethene	25	ug/Kg	U
SEE10031425JDF1	10/3/2010	trans-1,2-Dichloroethene	25	ug/Kg	U
SEE09291035JDF1	9/29/2010	trans-1,2-Dichloroethene	25	ug/Kg	U
SEE09220935RCM1	9/22/2010	trans-1,2-Dichloroethene	25	ug/Kg	U
SEE09111015PML1	9/11/2010	trans-1,2-Dichloroethene	25	ug/Kg	U
SEE09051015PML1	9/5/2010	trans-1,2-Dichloroethene	25	ug/Kg	U
SEE08301445JRP1	8/30/2010	trans-1,2-Dichloroethene	25	ug/Kg	U
SEE10161415JDF1	10/16/2010	trans-1,2-Dichloroethene	24	ug/Kg	U
SEE10040945JDF1	10/4/2010	trans-1,2-Dichloroethene	24	ug/Kg	U
SEE09230955RCM1	9/23/2010	trans-1,2-Dichloroethene	24	ug/Kg	U
SEE09211530JDF1	9/21/2010	trans-1,2-Dichloroethene	24	ug/Kg	U
SEE09170945PML1	9/17/2010	trans-1,2-Dichloroethene	24	ug/Kg	U
SEE09171125PML1	9/17/2010	trans-1,2-Dichloroethene	24	ug/Kg	U
SEE09130955JRP1	9/13/2010	trans-1,2-Dichloroethene	24	ug/Kg	U
SEE09091605PML1	9/9/2010	trans-1,2-Dichloroethene	24	ug/Kg	U
SEE09041350PML1	9/4/2010	trans-1,2-Dichloroethene	24	ug/Kg	U
SEE10071205PML1	10/7/2010	trans-1,2-Dichloroethene	23	ug/Kg	U
SEE10071540PML1	10/7/2010	trans-1,2-Dichloroethene	23	ug/Kg	U
SEE10041335JDF1	10/4/2010	trans-1,2-Dichloroethene	23	ug/Kg	U
SEE09271025ARM1	9/27/2010	trans-1,2-Dichloroethene	23	ug/Kg	U

**TABLE B-2b**  
**Upstream Sediment Samples (Morrow Lake)**

Sample ID	Sample Date	Analyte	Result	Unit	Data Qualifier
SEE09171530PML1	9/17/2010	trans-1,2-Dichloroethene	23	ug/Kg	U
SEE09051430PML1	9/5/2010	trans-1,2-Dichloroethene	23	ug/Kg	U
SEE08271500PML1	8/27/2010	trans-1,2-Dichloroethene	23	ug/kg	U
SEE10150945JDF1	10/15/2010	trans-1,2-Dichloroethene	22	ug/Kg	U
SEE10111011JDF1	10/11/2010	trans-1,2-Dichloroethene	22	ug/Kg	U
SEE10111350JDF1	10/11/2010	trans-1,2-Dichloroethene	22	ug/Kg	U
SEE10061051RCM1	10/6/2010	trans-1,2-Dichloroethene	22	ug/Kg	U
SEE10041355ARM1	10/4/2010	trans-1,2-Dichloroethene	22	ug/Kg	U
SEE09271515JDF1	9/27/2010	trans-1,2-Dichloroethene	22	ug/Kg	U
SEE09221105JDF1	9/22/2010	trans-1,2-Dichloroethene	22	ug/Kg	U
SEE09130940PML1	9/13/2010	trans-1,2-Dichloroethene	22	ug/Kg	U
SEE08281215PML1	8/28/2010	trans-1,2-Dichloroethene	22	ug/kg	U
SEE10121030JDF1	10/12/2010	trans-1,2-Dichloroethene	21	ug/Kg	U
SEE09290925JDF1	9/29/2010	trans-1,2-Dichloroethene	21	ug/Kg	U
SEE09091025JRP1	9/9/2010	trans-1,2-Dichloroethene	21	ug/Kg	U
SEE09011635PML1	9/1/2010	trans-1,2-Dichloroethene	21	ug/Kg	U
SEE08301520JRP1	8/30/2010	trans-1,2-Dichloroethene	21	ug/Kg	U
SEE08281420TWH1	8/28/2010	trans-1,2-Dichloroethene	21	ug/kg	U
SEE08261445JRP1	8/26/2010	trans-1,2-Dichloroethene	21	ug/Kg	U
SEE10161055JDF1	10/16/2010	trans-1,2-Dichloroethene	20	ug/Kg	U
SEE10151355ARM1	10/15/2010	trans-1,2-Dichloroethene	20	ug/Kg	U
SEE10071415ARM1	10/7/2010	trans-1,2-Dichloroethene	20	ug/Kg	U
SEE09031140MHS1	9/3/2010	trans-1,2-Dichloroethene	20	ug/Kg	U
SEE08291421KAP1	8/29/2010	trans-1,2-Dichloroethene	20	ug/kg	U
SEE08271145RCM1	8/27/2010	trans-1,2-Dichloroethene	20	ug/kg	U
SEE10041050JDF1	10/4/2010	trans-1,2-Dichloroethene	19	ug/Kg	U
SEE09301255MAE1	9/30/2010	trans-1,2-Dichloroethene	19	ug/Kg	U
SEE09291645JDF1	9/29/2010	trans-1,2-Dichloroethene	19	ug/Kg	U
SEE09051550MHS1	9/5/2010	trans-1,2-Dichloroethene	19	ug/Kg	U
SEE09031645MHS1	9/3/2010	trans-1,2-Dichloroethene	19	ug/Kg	U
SEE10041138RCM1	10/4/2010	trans-1,2-Dichloroethene	18	ug/Kg	U
SEE09221615JDF1	9/22/2010	trans-1,2-Dichloroethene	18	ug/Kg	U
SEE09191445RCM1	9/19/2010	trans-1,2-Dichloroethene	18	ug/Kg	U
SEE08311010JRP1	8/31/2010	trans-1,2-Dichloroethene	18	ug/Kg	U
SEE09250905RCM1	9/25/2010	trans-1,2-Dichloroethene	17	ug/Kg	U
SEE09200911RCM1	9/20/2010	trans-1,2-Dichloroethene	17	ug/Kg	U
SEE09090900JRP1	9/9/2010	trans-1,2-Dichloroethene	17	ug/Kg	U
SEE09011545MHS1	9/1/2010	trans-1,2-Dichloroethene	17	ug/Kg	U
SEE08281510TWH1	8/28/2010	trans-1,2-Dichloroethene	17	ug/kg	U
SEE10170915JDF1	10/17/2010	trans-1,2-Dichloroethene	16	ug/Kg	U
SEE09291135JDF1	9/29/2010	trans-1,2-Dichloroethene	16	ug/Kg	U
SEE09260930RCM1	9/26/2010	trans-1,2-Dichloroethene	16	ug/Kg	U
SEE09201110ARM1	9/20/2010	trans-1,2-Dichloroethene	15	ug/Kg	U
SEE08301530JAW1	8/30/2010	trans-1,2-Dichloroethene	15	ug/Kg	U
SEE08291550KAP1	8/29/2010	trans-1,2-Dichloroethene	15	ug/kg	U
SEE10071151RCM1	10/7/2010	trans-1,2-Dichloroethene	14	ug/Kg	U
SEE09211112RCM1	9/21/2010	trans-1,2-Dichloroethene	14	ug/Kg	U
SEE08311348MHS1	8/31/2010	trans-1,2-Dichloroethene	14	ug/Kg	U
SEE08300920JRP1	8/30/2010	trans-1,2-Dichloroethene	14	ug/Kg	U
SEE08261620RCM1	8/26/2010	trans-1,2-Dichloroethene	14	ug/kg	U
SEE10141025ARM1	10/14/2010	trans-1,2-Dichloroethene	12	ug/Kg	U
SEE09130915JRP1	9/13/2010	trans-1,2-Dichloroethene	12	ug/Kg	U
SEE10091200ARM1	10/9/2010	trans-1,2-Dichloroethene	11	ug/Kg	U
SEE09291023RCM1	9/29/2010	trans-1,2-Dichloroethene	11	ug/Kg	U
SEE09171445RCM1	9/17/2010	trans-1,2-Dichloroethene	11	ug/Kg	U
SEE09161035RCM1	9/16/2010	trans-1,2-Dichloroethene	11	ug/Kg	U
SEE09141312RCM1	9/14/2010	trans-1,2-Dichloroethene	10	ug/Kg	U
SEE08291445PML1	8/29/2010	trans-1,2-Dichloroethene	10	ug/kg	U
SEE08291354KAP1	8/29/2010	trans-1,2-Dichloroethene	9.3	ug/kg	U
SEE10051415ARM1	10/5/2010	trans-1,2-Dichloroethene	8.7	ug/Kg	U

**TABLE B-2b**  
**Upstream Sediment Samples (Morrow Lake)**

Sample ID	Sample Date	Analyte	Result	Unit	Data Qualifier
SEE09061610JAW1	9/6/2010	trans-1,2-Dichloroethene	8.5	ug/Kg	U
SEE10011125ARM1	10/1/2010	trans-1,2-Dichloroethene	8.2	ug/Kg	U
SEE08261700JRP1	8/26/2010	trans-1,2-Dichloroethene	8.2	ug/Kg	U
SEE09051500MHS1	9/5/2010	trans-1,2-Dichloroethene	8.0	ug/Kg	U
SEE10171535ARM1	10/17/2010	trans-1,2-Dichloroethene	7.9	ug/Kg	U
SEE09231035ARM1	9/23/2010	trans-1,2-Dichloroethene	7.9	ug/Kg	U
SEE09171200ARM1	9/17/2010	trans-1,2-Dichloroethene	7.9	ug/Kg	U
SEE08271614TWH1	8/27/2010	trans-1,2-Dichloroethene	7.8	ug/kg	U
SEE10081035ARM1	10/8/2010	trans-1,2-Dichloroethene	7.6	ug/Kg	U
SEE08271652TWH1	8/27/2010	trans-1,2-Dichloroethene	7.6	ug/kg	U
SEE09100945RCM1	9/10/2010	trans-1,2-Dichloroethene	7.5	ug/Kg	U
SEE09211120ARM1	9/21/2010	trans-1,2-Dichloroethene	7.4	ug/Kg	U
SEB09011143JLS1	9/1/2010	trans-1,2-Dichloroethene	7.1	ug/Kg	U
SEE08301410JRP1	8/30/2010	trans-1,2-Dichloroethene	7.0	ug/Kg	U
SEE09281445RCM1	9/28/2010	trans-1,2-Dichloroethene	6.5	ug/Kg	U
SEE08271536TWH1	8/27/2010	trans-1,2-Dichloroethene	6.3	ug/kg	U
SEE09271500ARM1	9/27/2010	trans-1,2-Dichloroethene	6.2	ug/Kg	U
SEE09170935RCM1	9/17/2010	trans-1,2-Dichloroethene	6.1	ug/Kg	U
SEF10011045TDF1	10/1/2010	trans-1,2-Dichloroethene	6.0	ug/Kg	U
SEE09150915JRP1	9/15/2010	trans-1,2-Dichloroethene	6.0	ug/Kg	U
SEE10011043RCM1	10/1/2010	trans-1,2-Dichloroethene	5.8	ug/Kg	U
SEE09290915MAE1	9/29/2010	trans-1,2-Dichloroethene	5.8	ug/Kg	U
SEE10131035ARM1	10/13/2010	trans-1,2-Dichloroethene	5.5	ug/Kg	U
SEE10071045ARM1	10/7/2010	trans-1,2-Dichloroethene	5.5	ug/Kg	U
SEE10041045ARM1	10/4/2010	trans-1,2-Dichloroethene	5.5	ug/Kg	U
SEF10151030PMB3	10/15/2010	trans-1,2-Dichloroethene	5.4	ug/Kg	U
SEF10081108TDF3	10/8/2010	trans-1,2-Dichloroethene	5.4	ug/Kg	U
SEE09251235ARM1	9/25/2010	trans-1,2-Dichloroethene	5.4	ug/Kg	U
SEE08281540JRP1	8/28/2010	trans-1,2-Dichloroethene	5.4	ug/kg	U
SEF10051206TDF3	10/5/2010	trans-1,2-Dichloroethene	5.3	ug/Kg	U
SEE09140945JRP1	9/14/2010	trans-1,2-Dichloroethene	5.3	ug/Kg	U
SEE09080930JRP1	9/8/2010	trans-1,2-Dichloroethene	5.3	ug/Kg	U
SEE09011515JAW1	9/1/2010	trans-1,2-Dichloroethene	5.3	ug/Kg	U
SEE08301100JRP1	8/30/2010	trans-1,2-Dichloroethene	5.3	ug/Kg	U
SEE10121040ARM1	10/12/2010	trans-1,2-Dichloroethene	5.2	ug/Kg	U
SEF10121130PMB3	10/12/2010	trans-1,2-Dichloroethene	5.2	ug/Kg	U
SEE09221045ARM1	9/22/2010	trans-1,2-Dichloroethene	5.2	ug/Kg	U
SEE09100920JRP1	9/10/2010	trans-1,2-Dichloroethene	5.1	ug/Kg	U
SEB08281400JLS1	8/28/2010	trans-1,2-Dichloroethene	5.1	ug/kg	U
SEE09301025MAE1	9/30/2010	trans-1,2-Dichloroethene	5.0	ug/Kg	U
SEE09051500JAW1	9/5/2010	trans-1,2-Dichloroethene	5.0	ug/Kg	U
SEE10051145RCM1	10/5/2010	trans-1,2-Dichloroethene	4.9	ug/Kg	U
SEE09070930JRP1	9/7/2010	trans-1,2-Dichloroethene	4.9	ug/Kg	U
SEE10061135ARM1	10/6/2010	trans-1,2-Dichloroethene	4.8	ug/Kg	U
SEE10181030JWP1	10/18/2010	trans-1,2-Dichloroethene	4.6	ug/Kg	U
SEF09281139TDF1	9/28/2010	trans-1,2-Dichloroethene	4.3	ug/Kg	U
SEE09231205RCM1	9/23/2010	trans-1,2-Dichloroethene	3.3	ug/Kg	U
SEE08271445JRP1	8/27/2010	trans-1,2-Dichloroethene	2.8	ug/kg	U
ML-07-S-082510	8/25/2010	trans-1,2-Dichloroethene	0.73	mg/Kg	U
ML-03-S-082510	8/25/2010	trans-1,2-Dichloroethene	0.43	mg/Kg	U
ML-06-S-082510	8/25/2010	trans-1,2-Dichloroethene	0.42	mg/Kg	U
ML-07-S-082410	8/24/2010	trans-1,2-Dichloroethene	0.41	mg/Kg	UJ
ML-06-S-082010	8/20/2010	trans-1,2-Dichloroethene	0.38	mg/Kg	U
ML-08-S-082510	8/25/2010	trans-1,2-Dichloroethene	0.37	mg/Kg	U
ML-08-S-082410	8/24/2010	trans-1,2-Dichloroethene	0.37	mg/Kg	UJ
ML-06-S-082310	8/23/2010	trans-1,2-Dichloroethene	0.37	mg/Kg	U
ML-07-S-082110	8/21/2010	trans-1,2-Dichloroethene	0.37	mg/Kg	U
ML-08-S-082110	8/21/2010	trans-1,2-Dichloroethene	0.37	mg/Kg	U
ML-10-S-082110	8/21/2010	trans-1,2-Dichloroethene	0.37	mg/Kg	U
ML-10-S-082110	8/21/2010	trans-1,2-Dichloroethene	0.37	mg/Kg	U



**TABLE B-2b**  
**Upstream Sediment Samples (Morrow Lake)**

Sample ID	Sample Date	Analyte	Result	Unit	Data Qualifier
ML-10-S-081910	8/19/2010	trans-1,2-Dichloroethene	0.37	mg/Kg	U
ML-10-S-081910	8/19/2010	trans-1,2-Dichloroethene	0.37	mg/Kg	U
ML-07-S-081810	8/18/2010	trans-1,2-Dichloroethene	0.37	mg/Kg	UJ
ML-09-S-081810	8/18/2010	trans-1,2-Dichloroethene	0.37	mg/Kg	UJ
ML-10-S-082410	8/24/2010	trans-1,2-Dichloroethene	0.36	mg/Kg	UJ
ML-10-S-082410	8/24/2010	trans-1,2-Dichloroethene	0.36	mg/Kg	UJ
ML-01-S-081610	8/16/2010	trans-1,2-Dichloroethene	0.35	mg/Kg	U
ML-10-S-081610	8/16/2010	trans-1,2-Dichloroethene	0.35	mg/Kg	U
ML-10-S-081610	8/16/2010	trans-1,2-Dichloroethene	0.35	mg/Kg	U
ML-04-S-082410	8/24/2010	trans-1,2-Dichloroethene	0.34	mg/Kg	UJ
ML-03-S-082310	8/23/2010	trans-1,2-Dichloroethene	0.34	mg/Kg	U
ML-10-S-082110-D	8/21/2010	trans-1,2-Dichloroethene	0.34	mg/Kg	U
ML-10-S-082110-D	8/21/2010	trans-1,2-Dichloroethene	0.34	mg/Kg	U
ML-07-S-081610	8/16/2010	trans-1,2-Dichloroethene	0.34	mg/Kg	U
ML-08-S-081610-D	8/16/2010	trans-1,2-Dichloroethene	0.34	mg/Kg	U
ML-04-S-082610	8/26/2010	trans-1,2-Dichloroethene	0.33	mg/Kg	U
ML-05-S-082310	8/23/2010	trans-1,2-Dichloroethene	0.33	mg/Kg	U
ML-05-S-082010	8/20/2010	trans-1,2-Dichloroethene	0.33	mg/Kg	U
ML-10-S-082610	8/26/2010	trans-1,2-Dichloroethene	0.32	mg/Kg	U
ML-10-S-082610	8/26/2010	trans-1,2-Dichloroethene	0.32	mg/Kg	U
ML-06-S-081710	8/17/2010	trans-1,2-Dichloroethene	0.32	mg/Kg	U
ML-08-S-081610	8/16/2010	trans-1,2-Dichloroethene	0.32	mg/Kg	U
ML-01-S-082510	8/25/2010	trans-1,2-Dichloroethene	0.31	mg/Kg	U
ML-09-S-082510	8/25/2010	trans-1,2-Dichloroethene	0.31	mg/Kg	U
ML-09-S-082410	8/24/2010	trans-1,2-Dichloroethene	0.31	mg/Kg	UJ
ML-02-S-081710	8/17/2010	trans-1,2-Dichloroethene	0.31	mg/Kg	U
ML-02-S-082510	8/25/2010	trans-1,2-Dichloroethene	0.28	mg/Kg	U
ML-09-S-082110	8/21/2010	trans-1,2-Dichloroethene	0.28	mg/Kg	U
ML-01-S-082110	8/21/2010	trans-1,2-Dichloroethene	0.27	mg/Kg	U
ML-04-S-081710	8/17/2010	trans-1,2-Dichloroethene	0.27	mg/Kg	U
ML-05-S-081710	8/17/2010	trans-1,2-Dichloroethene	0.27	mg/Kg	U
ML-02-S-082310	8/23/2010	trans-1,2-Dichloroethene	0.25	mg/Kg	U
ML-04-S-082010	8/20/2010	trans-1,2-Dichloroethene	0.25	mg/Kg	U
ML-01-S-081910	8/19/2010	trans-1,2-Dichloroethene	0.25	mg/Kg	U
ML-02-S-082010	8/20/2010	trans-1,2-Dichloroethene	0.22	mg/Kg	U
ML-03-S-081610	8/16/2010	trans-1,2-Dichloroethene	0.22	mg/Kg	U
ML-03-S-082010	8/20/2010	trans-1,2-Dichloroethene	0.19	mg/Kg	U
ML-05-S-082610	8/26/2010	trans-1,2-Dichloroethene	0.17	mg/Kg	U
SEE10211035JDF1	10/21/2010	trans-1,3-Dichloropropene	930	ug/Kg	U
SEE10191515JDF1	10/19/2010	trans-1,3-Dichloropropene	850	ug/Kg	U
SEE10191005JDF1	10/19/2010	trans-1,3-Dichloropropene	820	ug/Kg	U
SEE10211430JDF1	10/21/2010	trans-1,3-Dichloropropene	810	ug/Kg	U
SEE10221110JDF1	10/22/2010	trans-1,3-Dichloropropene	790	ug/Kg	U
SEE10221110JDF1	10/22/2010	trans-1,3-Dichloropropene	790	ug/Kg	U
SEE10191415JDF1	10/19/2010	trans-1,3-Dichloropropene	760	ug/Kg	U
SEE10191155JDF1	10/19/2010	trans-1,3-Dichloropropene	730	ug/Kg	U
SEE10211010JWP1	10/21/2010	trans-1,3-Dichloropropene	710	ug/Kg	U
SEE10191100JDF1	10/19/2010	trans-1,3-Dichloropropene	710	ug/Kg	U
SEE10221055DWS1	10/22/2010	trans-1,3-Dichloropropene	680	ug/Kg	U
SEE10191010JWP1	10/19/2010	trans-1,3-Dichloropropene	680	ug/Kg	U
SEE10221450DWS1	10/22/2010	trans-1,3-Dichloropropene	370	ug/Kg	U
SEE10211345JWP1	10/21/2010	trans-1,3-Dichloropropene	330	ug/Kg	U
SEF10221050MAE3	10/22/2010	trans-1,3-Dichloropropene	230	ug/Kg	U
SEF10191135NAC3	10/19/2010	trans-1,3-Dichloropropene	220	ug/Kg	U
SEE10191115JWP1	10/19/2010	trans-1,3-Dichloropropene	200	ug/Kg	U
SEE10141015JDF1	10/14/2010	trans-1,3-Dichloropropene	140	ug/Kg	U
SEE09200945PML1	9/20/2010	trans-1,3-Dichloropropene	60	ug/Kg	U
SEE09200945PML1	9/20/2010	trans-1,3-Dichloropropene	60	ug/Kg	U
SEE09201115RCM1	9/20/2010	trans-1,3-Dichloropropene	58	ug/Kg	U
SEE09201645ARM1	9/20/2010	trans-1,3-Dichloropropene	48	ug/Kg	U

**TABLE B-2b**  
**Upstream Sediment Samples (Morrow Lake)**

Sample ID	Sample Date	Analyte	Result	Unit	Data Qualifier
SEE10071042RCM1	10/7/2010	trans-1,3-Dichloropropene	45	ug/Kg	U
SEE09061500PML1	9/6/2010	trans-1,3-Dichloropropene	45	ug/Kg	U
SEE08281607TWH1	8/28/2010	trans-1,3-Dichloropropene	44	ug/kg	U
SEE09301105JDF1	9/30/2010	trans-1,3-Dichloropropene	42	ug/Kg	U
SEE09181705PML1	9/18/2010	trans-1,3-Dichloropropene	42	ug/Kg	U
SEE09021400PML1	9/2/2010	trans-1,3-Dichloropropene	41	ug/Kg	U
SEE08301130PML1	8/30/2010	trans-1,3-Dichloropropene	41	ug/Kg	U
SEE10091401PML1	10/9/2010	trans-1,3-Dichloropropene	40	ug/Kg	U
SEE10181035JDF1	10/18/2010	trans-1,3-Dichloropropene	39	ug/Kg	U
SEE10051125PML1	10/5/2010	trans-1,3-Dichloropropene	39	ug/Kg	U
SEE08311045PML1	8/31/2010	trans-1,3-Dichloropropene	39	ug/Kg	U
SEE10141555ARM1	10/14/2010	trans-1,3-Dichloropropene	38	ug/Kg	U
SEE09101215PML1	9/10/2010	trans-1,3-Dichloropropene	38	ug/Kg	U
SEE10161530JDF1	10/16/2010	trans-1,3-Dichloropropene	37	ug/Kg	U
SEE10081115PML1	10/8/2010	trans-1,3-Dichloropropene	37	ug/Kg	U
SEE09030925PML1	9/3/2010	trans-1,3-Dichloropropene	37	ug/Kg	U
SEE09031115JAW1	9/3/2010	trans-1,3-Dichloropropene	37	ug/Kg	U
SEE08281505PML1	8/28/2010	trans-1,3-Dichloropropene	37	ug/kg	U
SEE10171410JDF1	10/17/2010	trans-1,3-Dichloropropene	36	ug/Kg	U
SEE09191530PML1	9/19/2010	trans-1,3-Dichloropropene	36	ug/Kg	U
SEE09181235PML1	9/18/2010	trans-1,3-Dichloropropene	36	ug/Kg	U
SEE09141135PML1	9/14/2010	trans-1,3-Dichloropropene	36	ug/Kg	U
SEE09101022PML1	9/10/2010	trans-1,3-Dichloropropene	36	ug/Kg	U
SEE10171115JDF1	10/17/2010	trans-1,3-Dichloropropene	35	ug/Kg	U
SEE08311420PML1	8/31/2010	trans-1,3-Dichloropropene	35	ug/Kg	U
SEE08311420PML1	8/31/2010	trans-1,3-Dichloropropene	35	ug/Kg	U
SEE08271215PML1	8/27/2010	trans-1,3-Dichloropropene	35	ug/kg	U
SEE10041530JDF1	10/4/2010	trans-1,3-Dichloropropene	34	ug/Kg	U
SEE09121105RCM1	9/12/2010	trans-1,3-Dichloropropene	34	ug/Kg	U
SEE09011545PML1	9/1/2010	trans-1,3-Dichloropropene	34	ug/Kg	U
SEE08301550PML1	8/30/2010	trans-1,3-Dichloropropene	34	ug/Kg	U
SEE10181210JDF1	10/18/2010	trans-1,3-Dichloropropene	33	ug/Kg	U
SEE10181430JWP1	10/18/2010	trans-1,3-Dichloropropene	33	ug/Kg	U
SEE10181510JDF1	10/18/2010	trans-1,3-Dichloropropene	33	ug/Kg	U
SEE10181510JDF1	10/18/2010	trans-1,3-Dichloropropene	33	ug/Kg	U
SEE10131150JDF1	10/13/2010	trans-1,3-Dichloropropene	33	ug/Kg	U
SEE10101010PML1	10/10/2010	trans-1,3-Dichloropropene	33	ug/Kg	U
SEE10101215PML1	10/10/2010	trans-1,3-Dichloropropene	33	ug/Kg	U
SEE10101215PML1	10/10/2010	trans-1,3-Dichloropropene	33	ug/Kg	U
SEE09140945PML1	9/14/2010	trans-1,3-Dichloropropene	33	ug/Kg	U
SEE09061525MHS1	9/6/2010	trans-1,3-Dichloropropene	33	ug/Kg	U
SEE09051130PML1	9/5/2010	trans-1,3-Dichloropropene	33	ug/Kg	U
SEE09031100PML1	9/3/2010	trans-1,3-Dichloropropene	33	ug/Kg	U
SEE09021010PML1	9/2/2010	trans-1,3-Dichloropropene	33	ug/Kg	U
SEE08281630RCM1	8/28/2010	trans-1,3-Dichloropropene	33	ug/kg	U
SEE10031115JDF1	10/3/2010	trans-1,3-Dichloropropene	32	ug/Kg	U
SEE10031115JDF1	10/3/2010	trans-1,3-Dichloropropene	32	ug/Kg	U
SEE09301205RCM1	9/30/2010	trans-1,3-Dichloropropene	32	ug/Kg	U
SEE09301255JDF1	9/30/2010	trans-1,3-Dichloropropene	32	ug/Kg	U
SEE09231645JDF1	9/23/2010	trans-1,3-Dichloropropene	32	ug/Kg	U
SEE09141515PML1	9/14/2010	trans-1,3-Dichloropropene	32	ug/Kg	U
SEE09101625PML1	9/10/2010	trans-1,3-Dichloropropene	32	ug/Kg	U
SEE09091005RCM1	9/9/2010	trans-1,3-Dichloropropene	32	ug/Kg	U
SEE09061105PML1	9/6/2010	trans-1,3-Dichloropropene	32	ug/Kg	U
SEE09031650PML1	9/3/2010	trans-1,3-Dichloropropene	32	ug/Kg	U
SEE09031650PML1	9/3/2010	trans-1,3-Dichloropropene	32	ug/Kg	U
SEE10081231PML1	10/8/2010	trans-1,3-Dichloropropene	31	ug/Kg	U
SEE09231210JDF1	9/23/2010	trans-1,3-Dichloropropene	31	ug/Kg	U
SEE09161045PML1	9/16/2010	trans-1,3-Dichloropropene	31	ug/Kg	U
SEE09081205PML1	9/8/2010	trans-1,3-Dichloropropene	31	ug/Kg	U

**TABLE B-2b**  
**Upstream Sediment Samples (Morrow Lake)**

Sample ID	Sample Date	Analyte	Result	Unit	Data Qualifier
SEE09071050PML1	9/7/2010	trans-1,3-Dichloropropene	31	ug/Kg	U
SEE08301145MHS1	8/30/2010	trans-1,3-Dichloropropene	31	ug/Kg	U
SEE10161115ARM1	10/16/2010	trans-1,3-Dichloropropene	30	ug/Kg	U
SEE10120930JDF1	10/12/2010	trans-1,3-Dichloropropene	30	ug/Kg	U
SEE10071101PML1	10/7/2010	trans-1,3-Dichloropropene	30	ug/Kg	U
SEE09261625JDF1	9/26/2010	trans-1,3-Dichloropropene	30	ug/Kg	U
SEE09261625JDF1	9/26/2010	trans-1,3-Dichloropropene	30	ug/Kg	U
SEE09131445RCM1	9/13/2010	trans-1,3-Dichloropropene	30	ug/Kg	U
SEE09121055PML1	9/12/2010	trans-1,3-Dichloropropene	30	ug/Kg	U
SEE09121055PML1	9/12/2010	trans-1,3-Dichloropropene	30	ug/Kg	U
SEE09121436RCM1	9/12/2010	trans-1,3-Dichloropropene	30	ug/Kg	U
SEE09091410RCM1	9/9/2010	trans-1,3-Dichloropropene	30	ug/Kg	U
SEE09011050PML1	9/1/2010	trans-1,3-Dichloropropene	30	ug/Kg	U
SEE10081051RCM1	10/8/2010	trans-1,3-Dichloropropene	29	ug/Kg	U
SEE10061640PML1	10/6/2010	trans-1,3-Dichloropropene	29	ug/Kg	U
SEE10061640PML1	10/6/2010	trans-1,3-Dichloropropene	29	ug/Kg	U
SEE10051653PML1	10/5/2010	trans-1,3-Dichloropropene	29	ug/Kg	U
SEE09261215JDF1	9/26/2010	trans-1,3-Dichloropropene	29	ug/Kg	U
SEE09231130ARM1	9/23/2010	trans-1,3-Dichloropropene	29	ug/Kg	U
SEE09191040PML1	9/19/2010	trans-1,3-Dichloropropene	29	ug/Kg	U
SEE09131026RCM1	9/13/2010	trans-1,3-Dichloropropene	29	ug/Kg	U
SEE09131505PML1	9/13/2010	trans-1,3-Dichloropropene	29	ug/Kg	U
SEE09040950PML1	9/4/2010	trans-1,3-Dichloropropene	29	ug/Kg	U
SEE10011120JDF1	10/1/2010	trans-1,3-Dichloropropene	28	ug/Kg	U
SEE09211155JDF1	9/21/2010	trans-1,3-Dichloropropene	28	ug/Kg	U
SEE09171415PML1	9/17/2010	trans-1,3-Dichloropropene	28	ug/Kg	U
SEE09151145PML1	9/15/2010	trans-1,3-Dichloropropene	28	ug/Kg	U
SEE09151145PML1	9/15/2010	trans-1,3-Dichloropropene	28	ug/Kg	U
SEE09131620PML1	9/13/2010	trans-1,3-Dichloropropene	28	ug/Kg	U
SEE09121450PML1	9/12/2010	trans-1,3-Dichloropropene	28	ug/Kg	U
SEE09091515PML1	9/9/2010	trans-1,3-Dichloropropene	28	ug/Kg	U
SEE09081010PML1	9/8/2010	trans-1,3-Dichloropropene	28	ug/Kg	U
SEE09081020RCM1	9/8/2010	trans-1,3-Dichloropropene	28	ug/Kg	U
SEE09011255PML1	9/1/2010	trans-1,3-Dichloropropene	28	ug/Kg	U
SEE08301015JRP1	8/30/2010	trans-1,3-Dichloropropene	28	ug/Kg	U
SEE08261420RCM1	8/26/2010	trans-1,3-Dichloropropene	28	ug/kg	U
SEE10091614PML1	10/9/2010	trans-1,3-Dichloropropene	27	ug/Kg	U
SEE10061205PML1	10/6/2010	trans-1,3-Dichloropropene	27	ug/Kg	U
SEE10041150JDF1	10/4/2010	trans-1,3-Dichloropropene	27	ug/Kg	U
SEE09251135JDF1	9/25/2010	trans-1,3-Dichloropropene	27	ug/Kg	U
SEE09221440JDF1	9/22/2010	trans-1,3-Dichloropropene	27	ug/Kg	U
SEE09170839RCM1	9/17/2010	trans-1,3-Dichloropropene	27	ug/Kg	U
SEE09151015PML1	9/15/2010	trans-1,3-Dichloropropene	27	ug/Kg	U
SEE08291110PML1	8/29/2010	trans-1,3-Dichloropropene	27	ug/kg	U
SEE10141150JDF1	10/14/2010	trans-1,3-Dichloropropene	26	ug/Kg	U
SEE10141550JDF1	10/14/2010	trans-1,3-Dichloropropene	26	ug/Kg	U
SEE10141550JDF1	10/14/2010	trans-1,3-Dichloropropene	26	ug/Kg	U
SEE10121155JDF1	10/12/2010	trans-1,3-Dichloropropene	26	ug/Kg	U
SEE09271130JDF1	9/27/2010	trans-1,3-Dichloropropene	26	ug/Kg	U
SEE09131125PML1	9/13/2010	trans-1,3-Dichloropropene	26	ug/Kg	U
SEE09091010PML1	9/9/2010	trans-1,3-Dichloropropene	26	ug/Kg	U
SEE09091145PML1	9/9/2010	trans-1,3-Dichloropropene	26	ug/Kg	U
SEE09091410PML1	9/9/2010	trans-1,3-Dichloropropene	26	ug/Kg	U
SEE09061130MHS1	9/6/2010	trans-1,3-Dichloropropene	26	ug/Kg	U
SEE09011145PML1	9/1/2010	trans-1,3-Dichloropropene	26	ug/Kg	U
SEE08301638MHS1	8/30/2010	trans-1,3-Dichloropropene	26	ug/Kg	U
SEE10151055ARM1	10/15/2010	trans-1,3-Dichloropropene	25	ug/Kg	U
SEE10121415ARM1	10/12/2010	trans-1,3-Dichloropropene	25	ug/Kg	U
SEE10111125JDF1	10/11/2010	trans-1,3-Dichloropropene	25	ug/Kg	U
SEE10031425JDF1	10/3/2010	trans-1,3-Dichloropropene	25	ug/Kg	U

**TABLE B-2b**  
**Upstream Sediment Samples (Morrow Lake)**

Sample ID	Sample Date	Analyte	Result	Unit	Data Qualifier
SEE09291035JDF1	9/29/2010	trans-1,3-Dichloropropene	25	ug/Kg	U
SEE09220935RCM1	9/22/2010	trans-1,3-Dichloropropene	25	ug/Kg	U
SEE09111015PML1	9/11/2010	trans-1,3-Dichloropropene	25	ug/Kg	U
SEE09051015PML1	9/5/2010	trans-1,3-Dichloropropene	25	ug/Kg	U
SEE08301445JRP1	8/30/2010	trans-1,3-Dichloropropene	25	ug/Kg	U
SEE10161415JDF1	10/16/2010	trans-1,3-Dichloropropene	24	ug/Kg	U
SEE10040945JDF1	10/4/2010	trans-1,3-Dichloropropene	24	ug/Kg	U
SEE09230955RCM1	9/23/2010	trans-1,3-Dichloropropene	24	ug/Kg	U
SEE09211530JDF1	9/21/2010	trans-1,3-Dichloropropene	24	ug/Kg	U
SEE09170945PML1	9/17/2010	trans-1,3-Dichloropropene	24	ug/Kg	U
SEE09171125PML1	9/17/2010	trans-1,3-Dichloropropene	24	ug/Kg	U
SEE09130955JRP1	9/13/2010	trans-1,3-Dichloropropene	24	ug/Kg	U
SEE09091605PML1	9/9/2010	trans-1,3-Dichloropropene	24	ug/Kg	U
SEE09041350PML1	9/4/2010	trans-1,3-Dichloropropene	24	ug/Kg	U
SEE10071205PML1	10/7/2010	trans-1,3-Dichloropropene	23	ug/Kg	U
SEE10071540PML1	10/7/2010	trans-1,3-Dichloropropene	23	ug/Kg	U
SEE10041335JDF1	10/4/2010	trans-1,3-Dichloropropene	23	ug/Kg	U
SEE09271025ARM1	9/27/2010	trans-1,3-Dichloropropene	23	ug/Kg	U
SEE09171530PML1	9/17/2010	trans-1,3-Dichloropropene	23	ug/Kg	U
SEE09051430PML1	9/5/2010	trans-1,3-Dichloropropene	23	ug/Kg	U
SEE08271500PML1	8/27/2010	trans-1,3-Dichloropropene	23	ug/kg	U
SEE10150945JDF1	10/15/2010	trans-1,3-Dichloropropene	22	ug/Kg	U
SEE10111011JDF1	10/11/2010	trans-1,3-Dichloropropene	22	ug/Kg	U
SEE10111350JDF1	10/11/2010	trans-1,3-Dichloropropene	22	ug/Kg	U
SEE10061051RCM1	10/6/2010	trans-1,3-Dichloropropene	22	ug/Kg	U
SEE10041355ARM1	10/4/2010	trans-1,3-Dichloropropene	22	ug/Kg	U
SEE09271515JDF1	9/27/2010	trans-1,3-Dichloropropene	22	ug/Kg	U
SEE09221105JDF1	9/22/2010	trans-1,3-Dichloropropene	22	ug/Kg	U
SEE09130940PML1	9/13/2010	trans-1,3-Dichloropropene	22	ug/Kg	U
SEE08281215PML1	8/28/2010	trans-1,3-Dichloropropene	22	ug/kg	U
SEE10121030JDF1	10/12/2010	trans-1,3-Dichloropropene	21	ug/Kg	U
SEE09290925JDF1	9/29/2010	trans-1,3-Dichloropropene	21	ug/Kg	U
SEE09091025JRP1	9/9/2010	trans-1,3-Dichloropropene	21	ug/Kg	U
SEE09011635PML1	9/1/2010	trans-1,3-Dichloropropene	21	ug/Kg	U
SEE08301520JRP1	8/30/2010	trans-1,3-Dichloropropene	21	ug/Kg	U
SEE08281420TWH1	8/28/2010	trans-1,3-Dichloropropene	21	ug/kg	U
SEE08261445JRP1	8/26/2010	trans-1,3-Dichloropropene	21	ug/Kg	U
SEE10161055JDF1	10/16/2010	trans-1,3-Dichloropropene	20	ug/Kg	U
SEE10151355ARM1	10/15/2010	trans-1,3-Dichloropropene	20	ug/Kg	U
SEE10071415ARM1	10/7/2010	trans-1,3-Dichloropropene	20	ug/Kg	U
SEE09031140MHS1	9/3/2010	trans-1,3-Dichloropropene	20	ug/Kg	U
SEE08291421KAP1	8/29/2010	trans-1,3-Dichloropropene	20	ug/kg	U
SEE08271145RCM1	8/27/2010	trans-1,3-Dichloropropene	20	ug/kg	U
SEE10041050JDF1	10/4/2010	trans-1,3-Dichloropropene	19	ug/Kg	U
SEE09301255MAE1	9/30/2010	trans-1,3-Dichloropropene	19	ug/Kg	U
SEE09291645JDF1	9/29/2010	trans-1,3-Dichloropropene	19	ug/Kg	U
SEE09051550MHS1	9/5/2010	trans-1,3-Dichloropropene	19	ug/Kg	U
SEE09031645MHS1	9/3/2010	trans-1,3-Dichloropropene	19	ug/Kg	U
SEE10041138RCM1	10/4/2010	trans-1,3-Dichloropropene	18	ug/Kg	U
SEE09221615JDF1	9/22/2010	trans-1,3-Dichloropropene	18	ug/Kg	U
SEE09191445RCM1	9/19/2010	trans-1,3-Dichloropropene	18	ug/Kg	U
SEE08311010JRP1	8/31/2010	trans-1,3-Dichloropropene	18	ug/Kg	U
SEE09250905RCM1	9/25/2010	trans-1,3-Dichloropropene	17	ug/Kg	U
SEE09200911RCM1	9/20/2010	trans-1,3-Dichloropropene	17	ug/Kg	U
SEE09090900JRP1	9/9/2010	trans-1,3-Dichloropropene	17	ug/Kg	U
SEE09011545MHS1	9/1/2010	trans-1,3-Dichloropropene	17	ug/Kg	U
SEE08281510TWH1	8/28/2010	trans-1,3-Dichloropropene	17	ug/kg	U
SEE10170915JDF1	10/17/2010	trans-1,3-Dichloropropene	16	ug/Kg	U
SEE09291135JDF1	9/29/2010	trans-1,3-Dichloropropene	16	ug/Kg	U
SEE09260930RCM1	9/26/2010	trans-1,3-Dichloropropene	16	ug/Kg	U

**TABLE B-2b**  
**Upstream Sediment Samples (Morrow Lake)**

Sample ID	Sample Date	Analyte	Result	Unit	Data Qualifier
SEE09201110ARM1	9/20/2010	trans-1,3-Dichloropropene	15	ug/Kg	U
SEE08301530JAW1	8/30/2010	trans-1,3-Dichloropropene	15	ug/Kg	U
SEE08291550KAP1	8/29/2010	trans-1,3-Dichloropropene	15	ug/kg	U
SEE10071151RCM1	10/7/2010	trans-1,3-Dichloropropene	14	ug/Kg	U
SEE09211112RCM1	9/21/2010	trans-1,3-Dichloropropene	14	ug/Kg	U
SEE08311348MHS1	8/31/2010	trans-1,3-Dichloropropene	14	ug/Kg	U
SEE08300920JRP1	8/30/2010	trans-1,3-Dichloropropene	14	ug/Kg	U
SEE08261620RCM1	8/26/2010	trans-1,3-Dichloropropene	14	ug/kg	U
SEE10141025ARM1	10/14/2010	trans-1,3-Dichloropropene	12	ug/Kg	U
SEE09130915JRP1	9/13/2010	trans-1,3-Dichloropropene	12	ug/Kg	U
SEE10091200ARM1	10/9/2010	trans-1,3-Dichloropropene	11	ug/Kg	U
SEE09291023RCM1	9/29/2010	trans-1,3-Dichloropropene	11	ug/Kg	U
SEE09171445RCM1	9/17/2010	trans-1,3-Dichloropropene	11	ug/Kg	U
SEE09161035RCM1	9/16/2010	trans-1,3-Dichloropropene	11	ug/Kg	U
SEE09141312RCM1	9/14/2010	trans-1,3-Dichloropropene	10	ug/Kg	U
SEE08291445PML1	8/29/2010	trans-1,3-Dichloropropene	10	ug/kg	U
SEE08291354KAP1	8/29/2010	trans-1,3-Dichloropropene	9.3	ug/kg	U
SEE10051415ARM1	10/5/2010	trans-1,3-Dichloropropene	8.7	ug/Kg	U
SEE09061610JAW1	9/6/2010	trans-1,3-Dichloropropene	8.5	ug/Kg	U
SEE10011125ARM1	10/1/2010	trans-1,3-Dichloropropene	8.2	ug/Kg	U
SEE08261700JRP1	8/26/2010	trans-1,3-Dichloropropene	8.2	ug/Kg	U
SEE09051500MHS1	9/5/2010	trans-1,3-Dichloropropene	8.0	ug/Kg	U
SEE10171535ARM1	10/17/2010	trans-1,3-Dichloropropene	7.9	ug/Kg	U
SEE09231035ARM1	9/23/2010	trans-1,3-Dichloropropene	7.9	ug/Kg	U
SEE09171200ARM1	9/17/2010	trans-1,3-Dichloropropene	7.9	ug/Kg	U
SEE08271614TWH1	8/27/2010	trans-1,3-Dichloropropene	7.8	ug/kg	U
SEE10081035ARM1	10/8/2010	trans-1,3-Dichloropropene	7.6	ug/Kg	U
SEE08271652TWH1	8/27/2010	trans-1,3-Dichloropropene	7.6	ug/kg	U
SEE09100945RCM1	9/10/2010	trans-1,3-Dichloropropene	7.5	ug/Kg	U
SEE09211120ARM1	9/21/2010	trans-1,3-Dichloropropene	7.4	ug/Kg	U
SEB09011143JLS1	9/1/2010	trans-1,3-Dichloropropene	7.1	ug/Kg	U
SEE08301410JRP1	8/30/2010	trans-1,3-Dichloropropene	7.0	ug/Kg	U
SEE09281445RCM1	9/28/2010	trans-1,3-Dichloropropene	6.5	ug/Kg	U
SEE08271536TWH1	8/27/2010	trans-1,3-Dichloropropene	6.3	ug/kg	U
SEE09271500ARM1	9/27/2010	trans-1,3-Dichloropropene	6.2	ug/Kg	U
SEE09170935RCM1	9/17/2010	trans-1,3-Dichloropropene	6.1	ug/Kg	U
SEF10011045TDF1	10/1/2010	trans-1,3-Dichloropropene	6.0	ug/Kg	U
SEE09150915JRP1	9/15/2010	trans-1,3-Dichloropropene	6.0	ug/Kg	U
SEE10011043RCM1	10/1/2010	trans-1,3-Dichloropropene	5.8	ug/Kg	U
SEE09290915MAE1	9/29/2010	trans-1,3-Dichloropropene	5.8	ug/Kg	U
SEE10131035ARM1	10/13/2010	trans-1,3-Dichloropropene	5.5	ug/Kg	U
SEE10071045ARM1	10/7/2010	trans-1,3-Dichloropropene	5.5	ug/Kg	U
SEE10041045ARM1	10/4/2010	trans-1,3-Dichloropropene	5.5	ug/Kg	U
SEF10151030PMB3	10/15/2010	trans-1,3-Dichloropropene	5.4	ug/Kg	U
SEF10081108TDF3	10/8/2010	trans-1,3-Dichloropropene	5.4	ug/Kg	U
SEE09251235ARM1	9/25/2010	trans-1,3-Dichloropropene	5.4	ug/Kg	U
SEE08281540JRP1	8/28/2010	trans-1,3-Dichloropropene	5.4	ug/kg	U
SEF10051206TDF3	10/5/2010	trans-1,3-Dichloropropene	5.3	ug/Kg	U
SEE09140945JRP1	9/14/2010	trans-1,3-Dichloropropene	5.3	ug/Kg	U
SEE09080930JRP1	9/8/2010	trans-1,3-Dichloropropene	5.3	ug/Kg	U
SEE09011515JAW1	9/1/2010	trans-1,3-Dichloropropene	5.3	ug/Kg	U
SEE08301100JRP1	8/30/2010	trans-1,3-Dichloropropene	5.3	ug/Kg	U
SEE10121040ARM1	10/12/2010	trans-1,3-Dichloropropene	5.2	ug/Kg	U
SEF10121130PMB3	10/12/2010	trans-1,3-Dichloropropene	5.2	ug/Kg	U
SEE09221045ARM1	9/22/2010	trans-1,3-Dichloropropene	5.2	ug/Kg	U
SEE09100920JRP1	9/10/2010	trans-1,3-Dichloropropene	5.1	ug/Kg	U
SEB08281400JLS1	8/28/2010	trans-1,3-Dichloropropene	5.1	ug/kg	U
SEE09301025MAE1	9/30/2010	trans-1,3-Dichloropropene	5.0	ug/Kg	U
SEE09051500JAW1	9/5/2010	trans-1,3-Dichloropropene	5.0	ug/Kg	U
SEE10051145RCM1	10/5/2010	trans-1,3-Dichloropropene	4.9	ug/Kg	U

**TABLE B-2b**  
**Upstream Sediment Samples (Morrow Lake)**

Sample ID	Sample Date	Analyte	Result	Unit	Data Qualifier
SEE09070930JRP1	9/7/2010	trans-1,3-Dichloropropene	4.9	ug/Kg	U
SEE10061135ARM1	10/6/2010	trans-1,3-Dichloropropene	4.8	ug/Kg	U
SEE10181030JWP1	10/18/2010	trans-1,3-Dichloropropene	4.6	ug/Kg	U
SEF09281139TDF1	9/28/2010	trans-1,3-Dichloropropene	4.3	ug/Kg	U
SEE09231205RCM1	9/23/2010	trans-1,3-Dichloropropene	3.3	ug/Kg	U
SEE08271445JRP1	8/27/2010	trans-1,3-Dichloropropene	2.8	ug/kg	U
ML-07-S-082510	8/25/2010	trans-1,3-Dichloropropene	0.73	mg/Kg	U
ML-03-S-082510	8/25/2010	trans-1,3-Dichloropropene	0.43	mg/Kg	U
ML-06-S-082510	8/25/2010	trans-1,3-Dichloropropene	0.42	mg/Kg	U
ML-07-S-082410	8/24/2010	trans-1,3-Dichloropropene	0.41	mg/Kg	UJ
ML-06-S-082010	8/20/2010	trans-1,3-Dichloropropene	0.38	mg/Kg	U
ML-08-S-082510	8/25/2010	trans-1,3-Dichloropropene	0.37	mg/Kg	U
ML-08-S-082410	8/24/2010	trans-1,3-Dichloropropene	0.37	mg/Kg	UJ
ML-06-S-082310	8/23/2010	trans-1,3-Dichloropropene	0.37	mg/Kg	U
ML-07-S-082110	8/21/2010	trans-1,3-Dichloropropene	0.37	mg/Kg	U
ML-08-S-082110	8/21/2010	trans-1,3-Dichloropropene	0.37	mg/Kg	U
ML-10-S-082110	8/21/2010	trans-1,3-Dichloropropene	0.37	mg/Kg	U
ML-10-S-082110	8/21/2010	trans-1,3-Dichloropropene	0.37	mg/Kg	U
ML-10-S-081910	8/19/2010	trans-1,3-Dichloropropene	0.37	mg/Kg	U
ML-10-S-081910	8/19/2010	trans-1,3-Dichloropropene	0.37	mg/Kg	U
ML-07-S-081810	8/18/2010	trans-1,3-Dichloropropene	0.37	mg/Kg	UJ
ML-09-S-081810	8/18/2010	trans-1,3-Dichloropropene	0.37	mg/Kg	UJ
ML-10-S-082410	8/24/2010	trans-1,3-Dichloropropene	0.36	mg/Kg	UJ
ML-10-S-082410	8/24/2010	trans-1,3-Dichloropropene	0.36	mg/Kg	UJ
ML-01-S-081610	8/16/2010	trans-1,3-Dichloropropene	0.35	mg/Kg	U
ML-10-S-081610	8/16/2010	trans-1,3-Dichloropropene	0.35	mg/Kg	U
ML-10-S-081610	8/16/2010	trans-1,3-Dichloropropene	0.35	mg/Kg	U
ML-04-S-082410	8/24/2010	trans-1,3-Dichloropropene	0.34	mg/Kg	UJ
ML-03-S-082310	8/23/2010	trans-1,3-Dichloropropene	0.34	mg/Kg	U
ML-10-S-082110-D	8/21/2010	trans-1,3-Dichloropropene	0.34	mg/Kg	U
ML-10-S-082110-D	8/21/2010	trans-1,3-Dichloropropene	0.34	mg/Kg	U
ML-07-S-081610	8/16/2010	trans-1,3-Dichloropropene	0.34	mg/Kg	U
ML-08-S-081610-D	8/16/2010	trans-1,3-Dichloropropene	0.34	mg/Kg	U
ML-04-S-082610	8/26/2010	trans-1,3-Dichloropropene	0.33	mg/Kg	U
ML-05-S-082310	8/23/2010	trans-1,3-Dichloropropene	0.33	mg/Kg	U
ML-05-S-082010	8/20/2010	trans-1,3-Dichloropropene	0.33	mg/Kg	U
ML-10-S-082610	8/26/2010	trans-1,3-Dichloropropene	0.32	mg/Kg	U
ML-10-S-082610	8/26/2010	trans-1,3-Dichloropropene	0.32	mg/Kg	U
ML-06-S-081710	8/17/2010	trans-1,3-Dichloropropene	0.32	mg/Kg	U
ML-08-S-081610	8/16/2010	trans-1,3-Dichloropropene	0.32	mg/Kg	U
ML-01-S-082510	8/25/2010	trans-1,3-Dichloropropene	0.31	mg/Kg	U
ML-09-S-082510	8/25/2010	trans-1,3-Dichloropropene	0.31	mg/Kg	U
ML-09-S-082410	8/24/2010	trans-1,3-Dichloropropene	0.31	mg/Kg	UJ
ML-02-S-081710	8/17/2010	trans-1,3-Dichloropropene	0.31	mg/Kg	U
ML-02-S-082510	8/25/2010	trans-1,3-Dichloropropene	0.28	mg/Kg	U
ML-09-S-082110	8/21/2010	trans-1,3-Dichloropropene	0.28	mg/Kg	U
ML-01-S-082110	8/21/2010	trans-1,3-Dichloropropene	0.27	mg/Kg	U
ML-04-S-081710	8/17/2010	trans-1,3-Dichloropropene	0.27	mg/Kg	U
ML-05-S-081710	8/17/2010	trans-1,3-Dichloropropene	0.27	mg/Kg	U
ML-02-S-082310	8/23/2010	trans-1,3-Dichloropropene	0.25	mg/Kg	U
ML-04-S-082010	8/20/2010	trans-1,3-Dichloropropene	0.25	mg/Kg	U
ML-01-S-081910	8/19/2010	trans-1,3-Dichloropropene	0.25	mg/Kg	U
ML-02-S-082010	8/20/2010	trans-1,3-Dichloropropene	0.22	mg/Kg	U
ML-03-S-081610	8/16/2010	trans-1,3-Dichloropropene	0.22	mg/Kg	U
ML-03-S-082010	8/20/2010	trans-1,3-Dichloropropene	0.19	mg/Kg	U
ML-05-S-082610	8/26/2010	trans-1,3-Dichloropropene	0.17	mg/Kg	U
SEE10211035JDF1	10/21/2010	trans-1,4-Dichloro-2-butene	2200	ug/Kg	U
SEE10141015JDF1	10/14/2010	trans-1,4-Dichloro-2-butene	2200	ug/Kg	U
SEE10191515JDF1	10/19/2010	trans-1,4-Dichloro-2-butene	2000	ug/Kg	U
SEE10211430JDF1	10/21/2010	trans-1,4-Dichloro-2-butene	1900	ug/Kg	U

**TABLE B-2b**  
**Upstream Sediment Samples (Morrow Lake)**

Sample ID	Sample Date	Analyte	Result	Unit	Data Qualifier
SEE10191005JDF1	10/19/2010	trans-1,4-Dichloro-2-butene	1900	ug/Kg	U
SEE10221110JDF1	10/22/2010	trans-1,4-Dichloro-2-butene	1800	ug/Kg	U
SEE10221110JDF1	10/22/2010	trans-1,4-Dichloro-2-butene	1800	ug/Kg	U
SEE10191415JDF1	10/19/2010	trans-1,4-Dichloro-2-butene	1800	ug/Kg	U
SEE10211010JWP1	10/21/2010	trans-1,4-Dichloro-2-butene	1700	ug/Kg	U
SEE10191100JDF1	10/19/2010	trans-1,4-Dichloro-2-butene	1700	ug/Kg	U
SEE10191155JDF1	10/19/2010	trans-1,4-Dichloro-2-butene	1700	ug/Kg	U
SEE10221055DWS1	10/22/2010	trans-1,4-Dichloro-2-butene	1600	ug/Kg	UJ
SEE10191010JWP1	10/19/2010	trans-1,4-Dichloro-2-butene	1600	ug/Kg	U
SEE10221450DWS1	10/22/2010	trans-1,4-Dichloro-2-butene	860	ug/Kg	UJ
SEE10211345JWP1	10/21/2010	trans-1,4-Dichloro-2-butene	760	ug/Kg	U
SEF10221050MAE3	10/22/2010	trans-1,4-Dichloro-2-butene	540	ug/Kg	UJ
SEF10191135NAC3	10/19/2010	trans-1,4-Dichloro-2-butene	520	ug/Kg	U
SEE10191115JWP1	10/19/2010	trans-1,4-Dichloro-2-butene	470	ug/Kg	U
SEE09200945PML1	9/20/2010	trans-1,4-Dichloro-2-butene	120	ug/Kg	U
SEE09200945PML1	9/20/2010	trans-1,4-Dichloro-2-butene	120	ug/Kg	U
SEE09201115RCM1	9/20/2010	trans-1,4-Dichloro-2-butene	120	ug/Kg	U
SEE09201645ARM1	9/20/2010	trans-1,4-Dichloro-2-butene	97	ug/Kg	U
SEE10071042RCM1	10/7/2010	trans-1,4-Dichloro-2-butene	91	ug/Kg	U
SEE09061500PML1	9/6/2010	trans-1,4-Dichloro-2-butene	90	ug/Kg	U
SEE09301105JDF1	9/30/2010	trans-1,4-Dichloro-2-butene	84	ug/Kg	U
SEE09181705PML1	9/18/2010	trans-1,4-Dichloro-2-butene	84	ug/Kg	U
SEE09021400PML1	9/2/2010	trans-1,4-Dichloro-2-butene	81	ug/Kg	U
SEE08301130PML1	8/30/2010	trans-1,4-Dichloro-2-butene	81	ug/Kg	U
SEE10091401PML1	10/9/2010	trans-1,4-Dichloro-2-butene	79	ug/Kg	U
SEE10181035JDF1	10/18/2010	trans-1,4-Dichloro-2-butene	78	ug/Kg	U
SEE10051125PML1	10/5/2010	trans-1,4-Dichloro-2-butene	77	ug/Kg	U
SEE08311045PML1	8/31/2010	trans-1,4-Dichloro-2-butene	77	ug/Kg	U
SEE10141555ARM1	10/14/2010	trans-1,4-Dichloro-2-butene	76	ug/Kg	U
SEE09101215PML1	9/10/2010	trans-1,4-Dichloro-2-butene	76	ug/Kg	U
SEE10161530JDF1	10/16/2010	trans-1,4-Dichloro-2-butene	74	ug/Kg	U
SEE10081115PML1	10/8/2010	trans-1,4-Dichloro-2-butene	74	ug/Kg	U
SEE09030925PML1	9/3/2010	trans-1,4-Dichloro-2-butene	74	ug/Kg	U
SEE09031115JAW1	9/3/2010	trans-1,4-Dichloro-2-butene	74	ug/Kg	U
SEE10171410JDF1	10/17/2010	trans-1,4-Dichloro-2-butene	73	ug/Kg	U
SEE09181235PML1	9/18/2010	trans-1,4-Dichloro-2-butene	73	ug/Kg	U
SEE09101022PML1	9/10/2010	trans-1,4-Dichloro-2-butene	73	ug/Kg	U
SEE09191530PML1	9/19/2010	trans-1,4-Dichloro-2-butene	72	ug/Kg	U
SEE09141135PML1	9/14/2010	trans-1,4-Dichloro-2-butene	71	ug/Kg	U
SEE10171115JDF1	10/17/2010	trans-1,4-Dichloro-2-butene	70	ug/Kg	U
SEE08311420PML1	8/31/2010	trans-1,4-Dichloro-2-butene	70	ug/Kg	U
SEE08311420PML1	8/31/2010	trans-1,4-Dichloro-2-butene	70	ug/Kg	U
SEE09011545PML1	9/1/2010	trans-1,4-Dichloro-2-butene	69	ug/Kg	U
SEE08301550PML1	8/30/2010	trans-1,4-Dichloro-2-butene	69	ug/Kg	U
SEE10041530JDF1	10/4/2010	trans-1,4-Dichloro-2-butene	68	ug/Kg	U
SEE10181430JWP1	10/18/2010	trans-1,4-Dichloro-2-butene	67	ug/Kg	U
SEE10131150JDF1	10/13/2010	trans-1,4-Dichloro-2-butene	67	ug/Kg	U
SEE09121105RCM1	9/12/2010	trans-1,4-Dichloro-2-butene	67	ug/Kg	U
SEE09031100PML1	9/3/2010	trans-1,4-Dichloro-2-butene	67	ug/Kg	U
SEE10181510JDF1	10/18/2010	trans-1,4-Dichloro-2-butene	66	ug/Kg	U
SEE10181510JDF1	10/18/2010	trans-1,4-Dichloro-2-butene	66	ug/Kg	U
SEE10101010PML1	10/10/2010	trans-1,4-Dichloro-2-butene	66	ug/Kg	U
SEE10101215PML1	10/10/2010	trans-1,4-Dichloro-2-butene	66	ug/Kg	U
SEE10101215PML1	10/10/2010	trans-1,4-Dichloro-2-butene	66	ug/Kg	U
SEE09140945PML1	9/14/2010	trans-1,4-Dichloro-2-butene	66	ug/Kg	U
SEE09061525MHS1	9/6/2010	trans-1,4-Dichloro-2-butene	66	ug/Kg	U
SEE09021010PML1	9/2/2010	trans-1,4-Dichloro-2-butene	66	ug/Kg	U
SEE10181210JDF1	10/18/2010	trans-1,4-Dichloro-2-butene	65	ug/Kg	U
SEE09301255JDF1	9/30/2010	trans-1,4-Dichloro-2-butene	65	ug/Kg	U
SEE09051130PML1	9/5/2010	trans-1,4-Dichloro-2-butene	65	ug/Kg	U

**TABLE B-2b**  
**Upstream Sediment Samples (Morrow Lake)**

Sample ID	Sample Date	Analyte	Result	Unit	Data Qualifier
SEE09301205RCM1	9/30/2010	trans-1,4-Dichloro-2-butene	64	ug/Kg	U
SEE09141515PML1	9/14/2010	trans-1,4-Dichloro-2-butene	64	ug/Kg	U
SEE09091005RCM1	9/9/2010	trans-1,4-Dichloro-2-butene	64	ug/Kg	U
SEE09061105PML1	9/6/2010	trans-1,4-Dichloro-2-butene	64	ug/Kg	U
SEE09031650PML1	9/3/2010	trans-1,4-Dichloro-2-butene	64	ug/Kg	U
SEE09031650PML1	9/3/2010	trans-1,4-Dichloro-2-butene	64	ug/Kg	U
SEE10031115JDF1	10/3/2010	trans-1,4-Dichloro-2-butene	63	ug/Kg	U
SEE10031115JDF1	10/3/2010	trans-1,4-Dichloro-2-butene	63	ug/Kg	U
SEE09231645JDF1	9/23/2010	trans-1,4-Dichloro-2-butene	63	ug/Kg	U
SEE09101625PML1	9/10/2010	trans-1,4-Dichloro-2-butene	63	ug/Kg	U
SEE09081205PML1	9/8/2010	trans-1,4-Dichloro-2-butene	63	ug/Kg	U
SEE08301145MHS1	8/30/2010	trans-1,4-Dichloro-2-butene	63	ug/Kg	U
SEE09231210JDF1	9/23/2010	trans-1,4-Dichloro-2-butene	62	ug/Kg	U
SEE09071050PML1	9/7/2010	trans-1,4-Dichloro-2-butene	62	ug/Kg	U
SEE10081231PML1	10/8/2010	trans-1,4-Dichloro-2-butene	61	ug/Kg	U
SEE09161045PML1	9/16/2010	trans-1,4-Dichloro-2-butene	61	ug/Kg	U
SEE09131445RCM1	9/13/2010	trans-1,4-Dichloro-2-butene	61	ug/Kg	U
SEE10161115ARM1	10/16/2010	trans-1,4-Dichloro-2-butene	60	ug/Kg	U
SEE10120930JDF1	10/12/2010	trans-1,4-Dichloro-2-butene	60	ug/Kg	U
SEE10071101PML1	10/7/2010	trans-1,4-Dichloro-2-butene	60	ug/Kg	U
SEE09121055PML1	9/12/2010	trans-1,4-Dichloro-2-butene	60	ug/Kg	U
SEE09121055PML1	9/12/2010	trans-1,4-Dichloro-2-butene	60	ug/Kg	U
SEE09091410RCM1	9/9/2010	trans-1,4-Dichloro-2-butene	60	ug/Kg	U
SEE09011050PML1	9/1/2010	trans-1,4-Dichloro-2-butene	60	ug/Kg	U
SEE09261625JDF1	9/26/2010	trans-1,4-Dichloro-2-butene	59	ug/Kg	U
SEE09261625JDF1	9/26/2010	trans-1,4-Dichloro-2-butene	59	ug/Kg	U
SEE09191040PML1	9/19/2010	trans-1,4-Dichloro-2-butene	59	ug/Kg	U
SEE09121436RCM1	9/12/2010	trans-1,4-Dichloro-2-butene	59	ug/Kg	U
SEE09040950PML1	9/4/2010	trans-1,4-Dichloro-2-butene	59	ug/Kg	U
SEE10061640PML1	10/6/2010	trans-1,4-Dichloro-2-butene	58	ug/Kg	U
SEE10061640PML1	10/6/2010	trans-1,4-Dichloro-2-butene	58	ug/Kg	U
SEE10051653PML1	10/5/2010	trans-1,4-Dichloro-2-butene	58	ug/Kg	U
SEE09231130ARM1	9/23/2010	trans-1,4-Dichloro-2-butene	58	ug/Kg	U
SEE09131026RCM1	9/13/2010	trans-1,4-Dichloro-2-butene	58	ug/Kg	U
SEE09131505PML1	9/13/2010	trans-1,4-Dichloro-2-butene	58	ug/Kg	U
SEE10081051RCM1	10/8/2010	trans-1,4-Dichloro-2-butene	57	ug/Kg	U
SEE09261215JDF1	9/26/2010	trans-1,4-Dichloro-2-butene	57	ug/Kg	U
SEE09011255PML1	9/1/2010	trans-1,4-Dichloro-2-butene	57	ug/Kg	U
SEE08301015JRP1	8/30/2010	trans-1,4-Dichloro-2-butene	57	ug/Kg	U
SEE09151145PML1	9/15/2010	trans-1,4-Dichloro-2-butene	56	ug/Kg	U
SEE09151145PML1	9/15/2010	trans-1,4-Dichloro-2-butene	56	ug/Kg	U
SEE09131620PML1	9/13/2010	trans-1,4-Dichloro-2-butene	56	ug/Kg	U
SEE09121450PML1	9/12/2010	trans-1,4-Dichloro-2-butene	56	ug/Kg	U
SEE09081020RCM1	9/8/2010	trans-1,4-Dichloro-2-butene	56	ug/Kg	U
SEE10011120JDF1	10/1/2010	trans-1,4-Dichloro-2-butene	55	ug/Kg	U
SEE09251135JDF1	9/25/2010	trans-1,4-Dichloro-2-butene	55	ug/Kg	U
SEE09211155JDF1	9/21/2010	trans-1,4-Dichloro-2-butene	55	ug/Kg	U
SEE09171415PML1	9/17/2010	trans-1,4-Dichloro-2-butene	55	ug/Kg	U
SEE09151015PML1	9/15/2010	trans-1,4-Dichloro-2-butene	55	ug/Kg	U
SEE09091515PML1	9/9/2010	trans-1,4-Dichloro-2-butene	55	ug/Kg	U
SEE09081010PML1	9/8/2010	trans-1,4-Dichloro-2-butene	55	ug/Kg	U
SEE10091614PML1	10/9/2010	trans-1,4-Dichloro-2-butene	54	ug/Kg	U
SEE10061205PML1	10/6/2010	trans-1,4-Dichloro-2-butene	54	ug/Kg	U
SEE10041150JDF1	10/4/2010	trans-1,4-Dichloro-2-butene	54	ug/Kg	U
SEE09221440JDF1	9/22/2010	trans-1,4-Dichloro-2-butene	54	ug/Kg	U
SEE09170839RCM1	9/17/2010	trans-1,4-Dichloro-2-butene	54	ug/Kg	U
SEE10121155JDF1	10/12/2010	trans-1,4-Dichloro-2-butene	52	ug/Kg	U
SEE09131125PML1	9/13/2010	trans-1,4-Dichloro-2-butene	52	ug/Kg	U
SEE09091010PML1	9/9/2010	trans-1,4-Dichloro-2-butene	52	ug/Kg	U
SEE09091145PML1	9/9/2010	trans-1,4-Dichloro-2-butene	52	ug/Kg	U



**TABLE B-2b**  
**Upstream Sediment Samples (Morrow Lake)**

Sample ID	Sample Date	Analyte	Result	Unit	Data Qualifier
SEE09091410PML1	9/9/2010	trans-1,4-Dichloro-2-butene	52	ug/Kg	U
SEE09061130MHS1	9/6/2010	trans-1,4-Dichloro-2-butene	52	ug/Kg	U
SEE08301638MHS1	8/30/2010	trans-1,4-Dichloro-2-butene	52	ug/Kg	U
SEE10141150JDF1	10/14/2010	trans-1,4-Dichloro-2-butene	51	ug/Kg	U
SEE10141550JDF1	10/14/2010	trans-1,4-Dichloro-2-butene	51	ug/Kg	U
SEE10141550JDF1	10/14/2010	trans-1,4-Dichloro-2-butene	51	ug/Kg	U
SEE10031425JDF1	10/3/2010	trans-1,4-Dichloro-2-butene	51	ug/Kg	U
SEE09271130JDF1	9/27/2010	trans-1,4-Dichloro-2-butene	51	ug/Kg	U
SEE09011145PML1	9/1/2010	trans-1,4-Dichloro-2-butene	51	ug/Kg	U
SEE10151055ARM1	10/15/2010	trans-1,4-Dichloro-2-butene	50	ug/Kg	U
SEE10121415ARM1	10/12/2010	trans-1,4-Dichloro-2-butene	50	ug/Kg	U
SEE10111125JDF1	10/11/2010	trans-1,4-Dichloro-2-butene	50	ug/Kg	U
SEE09291035JDF1	9/29/2010	trans-1,4-Dichloro-2-butene	50	ug/Kg	U
SEE09220935RCM1	9/22/2010	trans-1,4-Dichloro-2-butene	50	ug/Kg	U
SEE09111015PML1	9/11/2010	trans-1,4-Dichloro-2-butene	50	ug/Kg	U
SEE09051015PML1	9/5/2010	trans-1,4-Dichloro-2-butene	50	ug/Kg	U
SEE10161415JDF1	10/16/2010	trans-1,4-Dichloro-2-butene	49	ug/Kg	U
SEE09170945PML1	9/17/2010	trans-1,4-Dichloro-2-butene	49	ug/Kg	U
SEE09091605PML1	9/9/2010	trans-1,4-Dichloro-2-butene	49	ug/Kg	U
SEE09041350PML1	9/4/2010	trans-1,4-Dichloro-2-butene	49	ug/Kg	U
SEE08301445JRP1	8/30/2010	trans-1,4-Dichloro-2-butene	49	ug/Kg	U
SEE10040945JDF1	10/4/2010	trans-1,4-Dichloro-2-butene	48	ug/Kg	U
SEE09211530JDF1	9/21/2010	trans-1,4-Dichloro-2-butene	48	ug/Kg	U
SEE10071205PML1	10/7/2010	trans-1,4-Dichloro-2-butene	47	ug/Kg	U
SEE09230955RCM1	9/23/2010	trans-1,4-Dichloro-2-butene	47	ug/Kg	U
SEE09171125PML1	9/17/2010	trans-1,4-Dichloro-2-butene	47	ug/Kg	U
SEE09130955JRP1	9/13/2010	trans-1,4-Dichloro-2-butene	47	ug/Kg	U
SEE09051430PML1	9/5/2010	trans-1,4-Dichloro-2-butene	47	ug/Kg	U
SEE10071540PML1	10/7/2010	trans-1,4-Dichloro-2-butene	46	ug/Kg	U
SEE09171530PML1	9/17/2010	trans-1,4-Dichloro-2-butene	46	ug/Kg	U
SEE10041335JDF1	10/4/2010	trans-1,4-Dichloro-2-butene	45	ug/Kg	U
SEE09271025ARM1	9/27/2010	trans-1,4-Dichloro-2-butene	45	ug/Kg	U
SEE09130940PML1	9/13/2010	trans-1,4-Dichloro-2-butene	45	ug/Kg	U
SEE10150945JDF1	10/15/2010	trans-1,4-Dichloro-2-butene	44	ug/Kg	U
SEE10111350JDF1	10/11/2010	trans-1,4-Dichloro-2-butene	44	ug/Kg	U
SEE10061051RCM1	10/6/2010	trans-1,4-Dichloro-2-butene	44	ug/Kg	U
SEE09221105JDF1	9/22/2010	trans-1,4-Dichloro-2-butene	44	ug/Kg	U
SEE08281607TWH1	8/28/2010	trans-1,4-Dichloro-2-butene	44	ug/kg	U
SEE10111011JDF1	10/11/2010	trans-1,4-Dichloro-2-butene	43	ug/Kg	U
SEE10041355ARM1	10/4/2010	trans-1,4-Dichloro-2-butene	43	ug/Kg	U
SEE09290925JDF1	9/29/2010	trans-1,4-Dichloro-2-butene	43	ug/Kg	U
SEE09271515JDF1	9/27/2010	trans-1,4-Dichloro-2-butene	43	ug/Kg	U
SEE09091025JRP1	9/9/2010	trans-1,4-Dichloro-2-butene	43	ug/Kg	U
SEE08301520JRP1	8/30/2010	trans-1,4-Dichloro-2-butene	43	ug/Kg	U
SEE10121030JDF1	10/12/2010	trans-1,4-Dichloro-2-butene	42	ug/Kg	U
SEE08261445JRP1	8/26/2010	trans-1,4-Dichloro-2-butene	42	ug/Kg	U
SEE10161055JDF1	10/16/2010	trans-1,4-Dichloro-2-butene	41	ug/Kg	U
SEE09031140MHS1	9/3/2010	trans-1,4-Dichloro-2-butene	41	ug/Kg	U
SEE09011635PML1	9/1/2010	trans-1,4-Dichloro-2-butene	41	ug/Kg	U
SEE10151355ARM1	10/15/2010	trans-1,4-Dichloro-2-butene	40	ug/Kg	U
SEE10071415ARM1	10/7/2010	trans-1,4-Dichloro-2-butene	40	ug/Kg	U
SEE10041050JDF1	10/4/2010	trans-1,4-Dichloro-2-butene	39	ug/Kg	U
SEE09291645JDF1	9/29/2010	trans-1,4-Dichloro-2-butene	39	ug/Kg	U
SEE09051550MHS1	9/5/2010	trans-1,4-Dichloro-2-butene	39	ug/Kg	U
SEE10041138RCM1	10/4/2010	trans-1,4-Dichloro-2-butene	37	ug/Kg	U
SEE09301255MAE1	9/30/2010	trans-1,4-Dichloro-2-butene	37	ug/Kg	U
SEE09221615JDF1	9/22/2010	trans-1,4-Dichloro-2-butene	37	ug/Kg	U
SEE09191445RCM1	9/19/2010	trans-1,4-Dichloro-2-butene	37	ug/Kg	U
SEE09031645MHS1	9/3/2010	trans-1,4-Dichloro-2-butene	37	ug/Kg	U
SEE08281505PML1	8/28/2010	trans-1,4-Dichloro-2-butene	37	ug/kg	U

**TABLE B-2b**  
**Upstream Sediment Samples (Morrow Lake)**

Sample ID	Sample Date	Analyte	Result	Unit	Data Qualifier
SEE08311010JRP1	8/31/2010	trans-1,4-Dichloro-2-butene	35	ug/Kg	U
SEE08271215PML1	8/27/2010	trans-1,4-Dichloro-2-butene	35	ug/kg	U
SEE09200911RCM1	9/20/2010	trans-1,4-Dichloro-2-butene	34	ug/Kg	U
SEE09011545MHS1	9/1/2010	trans-1,4-Dichloro-2-butene	34	ug/Kg	U
SEE10170915JDF1	10/17/2010	trans-1,4-Dichloro-2-butene	33	ug/Kg	U
SEE09250905RCM1	9/25/2010	trans-1,4-Dichloro-2-butene	33	ug/Kg	U
SEE09090900JRP1	9/9/2010	trans-1,4-Dichloro-2-butene	33	ug/Kg	U
SEE08281630RCM1	8/28/2010	trans-1,4-Dichloro-2-butene	33	ug/kg	U
SEE09291135JDF1	9/29/2010	trans-1,4-Dichloro-2-butene	32	ug/Kg	U
SEE09260930RCM1	9/26/2010	trans-1,4-Dichloro-2-butene	31	ug/Kg	U
SEE09201110ARM1	9/20/2010	trans-1,4-Dichloro-2-butene	31	ug/Kg	U
SEE08301530JAW1	8/30/2010	trans-1,4-Dichloro-2-butene	30	ug/Kg	U
SEE09211112RCM1	9/21/2010	trans-1,4-Dichloro-2-butene	29	ug/Kg	U
SEE08311348MHS1	8/31/2010	trans-1,4-Dichloro-2-butene	29	ug/Kg	U
SEE08300920JRP1	8/30/2010	trans-1,4-Dichloro-2-butene	28	ug/Kg	U
SEE08261420RCM1	8/26/2010	trans-1,4-Dichloro-2-butene	28	ug/kg	U
SEE10071151RCM1	10/7/2010	trans-1,4-Dichloro-2-butene	27	ug/Kg	U
SEE08291110PML1	8/29/2010	trans-1,4-Dichloro-2-butene	27	ug/kg	U
SEE09130915JRP1	9/13/2010	trans-1,4-Dichloro-2-butene	24	ug/Kg	U
SEE10141025ARM1	10/14/2010	trans-1,4-Dichloro-2-butene	23	ug/Kg	U
SEE10091200ARM1	10/9/2010	trans-1,4-Dichloro-2-butene	23	ug/Kg	U
SEE09161035RCM1	9/16/2010	trans-1,4-Dichloro-2-butene	23	ug/Kg	U
SEE08271500PML1	8/27/2010	trans-1,4-Dichloro-2-butene	23	ug/kg	U
SEE09171445RCM1	9/17/2010	trans-1,4-Dichloro-2-butene	22	ug/Kg	U
SEE08281215PML1	8/28/2010	trans-1,4-Dichloro-2-butene	22	ug/kg	U
SEE09291023RCM1	9/29/2010	trans-1,4-Dichloro-2-butene	21	ug/Kg	U
SEE08281420TWH1	8/28/2010	trans-1,4-Dichloro-2-butene	21	ug/kg	U
SEE09141312RCM1	9/14/2010	trans-1,4-Dichloro-2-butene	20	ug/Kg	U
SEE08291421KAP1	8/29/2010	trans-1,4-Dichloro-2-butene	20	ug/kg	U
SEE08271145RCM1	8/27/2010	trans-1,4-Dichloro-2-butene	20	ug/kg	U
SEE10051415ARM1	10/5/2010	trans-1,4-Dichloro-2-butene	17	ug/Kg	U
SEE09061610JAW1	9/6/2010	trans-1,4-Dichloro-2-butene	17	ug/Kg	U
SEE08281510TWH1	8/28/2010	trans-1,4-Dichloro-2-butene	17	ug/kg	U
SEE10171535ARM1	10/17/2010	trans-1,4-Dichloro-2-butene	16	ug/Kg	U
SEE10011125ARM1	10/1/2010	trans-1,4-Dichloro-2-butene	16	ug/Kg	U
SEE09231035ARM1	9/23/2010	trans-1,4-Dichloro-2-butene	16	ug/Kg	U
SEE09171200ARM1	9/17/2010	trans-1,4-Dichloro-2-butene	16	ug/Kg	U
SEE09051500MHS1	9/5/2010	trans-1,4-Dichloro-2-butene	16	ug/Kg	U
SEE08261700JRP1	8/26/2010	trans-1,4-Dichloro-2-butene	16	ug/Kg	U
SEE10081035ARM1	10/8/2010	trans-1,4-Dichloro-2-butene	15	ug/Kg	U
SEE09211120ARM1	9/21/2010	trans-1,4-Dichloro-2-butene	15	ug/Kg	U
SEE09100945RCM1	9/10/2010	trans-1,4-Dichloro-2-butene	15	ug/Kg	U
SEE08291550KAP1	8/29/2010	trans-1,4-Dichloro-2-butene	15	ug/kg	U
SEB09011143JLS1	9/1/2010	trans-1,4-Dichloro-2-butene	14	ug/Kg	U
SEE08301410JRP1	8/30/2010	trans-1,4-Dichloro-2-butene	14	ug/Kg	U
SEE08261620RCM1	8/26/2010	trans-1,4-Dichloro-2-butene	14	ug/kg	U
SEE09281445RCM1	9/28/2010	trans-1,4-Dichloro-2-butene	13	ug/Kg	U
SEE10011043RCM1	10/1/2010	trans-1,4-Dichloro-2-butene	12	ug/Kg	U
SEF10011045TDF1	10/1/2010	trans-1,4-Dichloro-2-butene	12	ug/Kg	U
SEE09290915MAE1	9/29/2010	trans-1,4-Dichloro-2-butene	12	ug/Kg	U
SEE09271500ARM1	9/27/2010	trans-1,4-Dichloro-2-butene	12	ug/Kg	U
SEE09170935RCM1	9/17/2010	trans-1,4-Dichloro-2-butene	12	ug/Kg	U
SEE09150915JRP1	9/15/2010	trans-1,4-Dichloro-2-butene	12	ug/Kg	U
SEF10151030PMB3	10/15/2010	trans-1,4-Dichloro-2-butene	11	ug/Kg	U
SEE10131035ARM1	10/13/2010	trans-1,4-Dichloro-2-butene	11	ug/Kg	U
SEF10081108TDF3	10/8/2010	trans-1,4-Dichloro-2-butene	11	ug/Kg	U
SEE10071045ARM1	10/7/2010	trans-1,4-Dichloro-2-butene	11	ug/Kg	U
SEF10051206TDF3	10/5/2010	trans-1,4-Dichloro-2-butene	11	ug/Kg	U
SEE10041045ARM1	10/4/2010	trans-1,4-Dichloro-2-butene	11	ug/Kg	U
SEE09251235ARM1	9/25/2010	trans-1,4-Dichloro-2-butene	11	ug/Kg	U

**TABLE B-2b**  
**Upstream Sediment Samples (Morrow Lake)**

Sample ID	Sample Date	Analyte	Result	Unit	Data Qualifier
SEE09140945JRP1	9/14/2010	trans-1,4-Dichloro-2-butene	11	ug/Kg	U
SEE09080930JRP1	9/8/2010	trans-1,4-Dichloro-2-butene	11	ug/Kg	U
SEE09011515JAW1	9/1/2010	trans-1,4-Dichloro-2-butene	11	ug/Kg	U
SEE08301100JRP1	8/30/2010	trans-1,4-Dichloro-2-butene	11	ug/Kg	U
SEE10121040ARM1	10/12/2010	trans-1,4-Dichloro-2-butene	10	ug/Kg	U
SEF10121130PMB3	10/12/2010	trans-1,4-Dichloro-2-butene	10	ug/Kg	U
SEE09301025MAE1	9/30/2010	trans-1,4-Dichloro-2-butene	10	ug/Kg	U
SEE09221045ARM1	9/22/2010	trans-1,4-Dichloro-2-butene	10	ug/Kg	U
SEE09100920JRP1	9/10/2010	trans-1,4-Dichloro-2-butene	10	ug/Kg	U
SEE09051500JAW1	9/5/2010	trans-1,4-Dichloro-2-butene	10	ug/Kg	U
SEE08291445PML1	8/29/2010	trans-1,4-Dichloro-2-butene	10	ug/kg	U
SEE09070930JRP1	9/7/2010	trans-1,4-Dichloro-2-butene	9.8	ug/Kg	U
SEE10051145RCM1	10/5/2010	trans-1,4-Dichloro-2-butene	9.7	ug/Kg	U
SEE10061135ARM1	10/6/2010	trans-1,4-Dichloro-2-butene	9.6	ug/Kg	U
SEE08291354KAP1	8/29/2010	trans-1,4-Dichloro-2-butene	9.3	ug/kg	U
SEE10181030JWP1	10/18/2010	trans-1,4-Dichloro-2-butene	9.2	ug/Kg	U
SEF09281139TDF1	9/28/2010	trans-1,4-Dichloro-2-butene	8.6	ug/Kg	U
SEE08271614TWH1	8/27/2010	trans-1,4-Dichloro-2-butene	7.8	ug/kg	U
SEE08271652TWH1	8/27/2010	trans-1,4-Dichloro-2-butene	7.6	ug/kg	U
SEE09231205RCM1	9/23/2010	trans-1,4-Dichloro-2-butene	6.5	ug/Kg	U
SEE08271536TWH1	8/27/2010	trans-1,4-Dichloro-2-butene	6.3	ug/kg	U
SEE08281540JRP1	8/28/2010	trans-1,4-Dichloro-2-butene	5.4	ug/kg	U
SEB08281400JLS1	8/28/2010	trans-1,4-Dichloro-2-butene	5.1	ug/kg	U
SEE08271445JRP1	8/27/2010	trans-1,4-Dichloro-2-butene	2.8	ug/kg	U
SEE10211035JDF1	10/21/2010	Trichloroethene	620	ug/Kg	U
SEE10191515JDF1	10/19/2010	Trichloroethene	560	ug/Kg	U
SEE10211430JDF1	10/21/2010	Trichloroethene	540	ug/Kg	U
SEE10191005JDF1	10/19/2010	Trichloroethene	540	ug/Kg	U
SEE10221110JDF1	10/22/2010	Trichloroethene	530	ug/Kg	U
SEE10221110JDF1	10/22/2010	Trichloroethene	530	ug/Kg	U
SEE10191415JDF1	10/19/2010	Trichloroethene	510	ug/Kg	U
SEE10191155JDF1	10/19/2010	Trichloroethene	490	ug/Kg	U
SEE10211010JWP1	10/21/2010	Trichloroethene	470	ug/Kg	U
SEE10191100JDF1	10/19/2010	Trichloroethene	470	ug/Kg	U
SEE10221055DWS1	10/22/2010	Trichloroethene	450	ug/Kg	U
SEE10191010JWP1	10/19/2010	Trichloroethene	450	ug/Kg	U
SEE10221450DWS1	10/22/2010	Trichloroethene	240	ug/Kg	U
SEE10211345JWP1	10/21/2010	Trichloroethene	220	ug/Kg	U
SEF10221050MAE3	10/22/2010	Trichloroethene	150	ug/Kg	U
SEF10191135NAC3	10/19/2010	Trichloroethene	150	ug/Kg	U
SEE10191115JWP1	10/19/2010	Trichloroethene	130	ug/Kg	U
SEE09200945PML1	9/20/2010	Trichloroethene	60	ug/Kg	U
SEE09200945PML1	9/20/2010	Trichloroethene	60	ug/Kg	U
SEE09201115RCM1	9/20/2010	Trichloroethene	58	ug/Kg	U
SEE09201645ARM1	9/20/2010	Trichloroethene	48	ug/Kg	U
SEE10071042RCM1	10/7/2010	Trichloroethene	45	ug/Kg	U
SEE09061500PML1	9/6/2010	Trichloroethene	45	ug/Kg	U
SEE08281607TWH1	8/28/2010	Trichloroethene	44	ug/kg	U
SEE09301105JDF1	9/30/2010	Trichloroethene	42	ug/Kg	U
SEE09181705PML1	9/18/2010	Trichloroethene	42	ug/Kg	U
SEE09021400PML1	9/2/2010	Trichloroethene	41	ug/Kg	U
SEE08301130PML1	8/30/2010	Trichloroethene	41	ug/Kg	U
SEE10091401PML1	10/9/2010	Trichloroethene	40	ug/Kg	U
SEE10181035JDF1	10/18/2010	Trichloroethene	39	ug/Kg	U
SEE10051125PML1	10/5/2010	Trichloroethene	39	ug/Kg	U
SEE08311045PML1	8/31/2010	Trichloroethene	39	ug/Kg	U
SEE10141555ARM1	10/14/2010	Trichloroethene	38	ug/Kg	U
SEE09101215PML1	9/10/2010	Trichloroethene	38	ug/Kg	U
SEE10161530JDF1	10/16/2010	Trichloroethene	37	ug/Kg	U
SEE10081115PML1	10/8/2010	Trichloroethene	37	ug/Kg	U

**TABLE B-2b**  
**Upstream Sediment Samples (Morrow Lake)**

Sample ID	Sample Date	Analyte	Result	Unit	Data Qualifier
SEE09030925PML1	9/3/2010	Trichloroethene	37	ug/Kg	U
SEE09031115JAW1	9/3/2010	Trichloroethene	37	ug/Kg	U
SEE08281505PML1	8/28/2010	Trichloroethene	37	ug/kg	U
SEE10171410JDF1	10/17/2010	Trichloroethene	36	ug/Kg	U
SEE09191530PML1	9/19/2010	Trichloroethene	36	ug/Kg	U
SEE09181235PML1	9/18/2010	Trichloroethene	36	ug/Kg	U
SEE09141135PML1	9/14/2010	Trichloroethene	36	ug/Kg	U
SEE09101022PML1	9/10/2010	Trichloroethene	36	ug/Kg	U
SEE10171115JDF1	10/17/2010	Trichloroethene	35	ug/Kg	U
SEE08311420PML1	8/31/2010	Trichloroethene	35	ug/Kg	U
SEE08311420PML1	8/31/2010	Trichloroethene	35	ug/Kg	U
SEE08271215PML1	8/27/2010	Trichloroethene	35	ug/kg	U
SEE10141015JDF1	10/14/2010	Trichloroethene	34	ug/Kg	U
SEE10041530JDF1	10/4/2010	Trichloroethene	34	ug/Kg	U
SEE09121105RCM1	9/12/2010	Trichloroethene	34	ug/Kg	U
SEE09011545PML1	9/1/2010	Trichloroethene	34	ug/Kg	U
SEE08301550PML1	8/30/2010	Trichloroethene	34	ug/Kg	U
SEE10181210JDF1	10/18/2010	Trichloroethene	33	ug/Kg	U
SEE10181430JWP1	10/18/2010	Trichloroethene	33	ug/Kg	U
SEE10181510JDF1	10/18/2010	Trichloroethene	33	ug/Kg	U
SEE10181510JDF1	10/18/2010	Trichloroethene	33	ug/Kg	U
SEE10131150JDF1	10/13/2010	Trichloroethene	33	ug/Kg	U
SEE10101010PML1	10/10/2010	Trichloroethene	33	ug/Kg	U
SEE10101215PML1	10/10/2010	Trichloroethene	33	ug/Kg	U
SEE10101215PML1	10/10/2010	Trichloroethene	33	ug/Kg	U
SEE09140945PML1	9/14/2010	Trichloroethene	33	ug/Kg	U
SEE09061525MHS1	9/6/2010	Trichloroethene	33	ug/Kg	U
SEE09051130PML1	9/5/2010	Trichloroethene	33	ug/Kg	U
SEE09031100PML1	9/3/2010	Trichloroethene	33	ug/Kg	U
SEE09021010PML1	9/2/2010	Trichloroethene	33	ug/Kg	U
SEE08281630RCM1	8/28/2010	Trichloroethene	33	ug/kg	U
SEE10031115JDF1	10/3/2010	Trichloroethene	32	ug/Kg	U
SEE10031115JDF1	10/3/2010	Trichloroethene	32	ug/Kg	U
SEE09301205RCM1	9/30/2010	Trichloroethene	32	ug/Kg	U
SEE09301255JDF1	9/30/2010	Trichloroethene	32	ug/Kg	U
SEE09231645JDF1	9/23/2010	Trichloroethene	32	ug/Kg	U
SEE09141515PML1	9/14/2010	Trichloroethene	32	ug/Kg	U
SEE09101625PML1	9/10/2010	Trichloroethene	32	ug/Kg	U
SEE09091005RCM1	9/9/2010	Trichloroethene	32	ug/Kg	U
SEE09061105PML1	9/6/2010	Trichloroethene	32	ug/Kg	U
SEE09031650PML1	9/3/2010	Trichloroethene	32	ug/Kg	U
SEE09031650PML1	9/3/2010	Trichloroethene	32	ug/Kg	U
SEE10081231PML1	10/8/2010	Trichloroethene	31	ug/Kg	U
SEE09231210JDF1	9/23/2010	Trichloroethene	31	ug/Kg	U
SEE09161045PML1	9/16/2010	Trichloroethene	31	ug/Kg	U
SEE09081205PML1	9/8/2010	Trichloroethene	31	ug/Kg	U
SEE09071050PML1	9/7/2010	Trichloroethene	31	ug/Kg	U
SEE08301145MHS1	8/30/2010	Trichloroethene	31	ug/Kg	U
SEE10161115ARM1	10/16/2010	Trichloroethene	30	ug/Kg	U
SEE10120930JDF1	10/12/2010	Trichloroethene	30	ug/Kg	U
SEE10071101PML1	10/7/2010	Trichloroethene	30	ug/Kg	U
SEE09261625JDF1	9/26/2010	Trichloroethene	30	ug/Kg	U
SEE09261625JDF1	9/26/2010	Trichloroethene	30	ug/Kg	U
SEE09131445RCM1	9/13/2010	Trichloroethene	30	ug/Kg	U
SEE09121055PML1	9/12/2010	Trichloroethene	30	ug/Kg	U
SEE09121055PML1	9/12/2010	Trichloroethene	30	ug/Kg	U
SEE09121436RCM1	9/12/2010	Trichloroethene	30	ug/Kg	U
SEE09091410RCM1	9/9/2010	Trichloroethene	30	ug/Kg	U
SEE09011050PML1	9/1/2010	Trichloroethene	30	ug/Kg	U
SEE10081051RCM1	10/8/2010	Trichloroethene	29	ug/Kg	U

**TABLE B-2b**  
**Upstream Sediment Samples (Morrow Lake)**

Sample ID	Sample Date	Analyte	Result	Unit	Data Qualifier
SEE10061640PML1	10/6/2010	Trichloroethene	29	ug/Kg	U
SEE10061640PML1	10/6/2010	Trichloroethene	29	ug/Kg	U
SEE10051653PML1	10/5/2010	Trichloroethene	29	ug/Kg	U
SEE09261215JDF1	9/26/2010	Trichloroethene	29	ug/Kg	U
SEE09231130ARM1	9/23/2010	Trichloroethene	29	ug/Kg	U
SEE09191040PML1	9/19/2010	Trichloroethene	29	ug/Kg	U
SEE09131026RCM1	9/13/2010	Trichloroethene	29	ug/Kg	U
SEE09131505PML1	9/13/2010	Trichloroethene	29	ug/Kg	U
SEE09040950PML1	9/4/2010	Trichloroethene	29	ug/Kg	U
SEE10011120JDF1	10/1/2010	Trichloroethene	28	ug/Kg	U
SEE09211155JDF1	9/21/2010	Trichloroethene	28	ug/Kg	U
SEE09171415PML1	9/17/2010	Trichloroethene	28	ug/Kg	U
SEE09151145PML1	9/15/2010	Trichloroethene	28	ug/Kg	U
SEE09151145PML1	9/15/2010	Trichloroethene	28	ug/Kg	U
SEE09131620PML1	9/13/2010	Trichloroethene	28	ug/Kg	U
SEE09121450PML1	9/12/2010	Trichloroethene	28	ug/Kg	U
SEE09091515PML1	9/9/2010	Trichloroethene	28	ug/Kg	U
SEE09081010PML1	9/8/2010	Trichloroethene	28	ug/Kg	U
SEE09081020RCM1	9/8/2010	Trichloroethene	28	ug/Kg	U
SEE09011255PML1	9/1/2010	Trichloroethene	28	ug/Kg	U
SEE08301015JRP1	8/30/2010	Trichloroethene	28	ug/Kg	U
SEE08261420RCM1	8/26/2010	Trichloroethene	28	ug/kg	U
SEE10091614PML1	10/9/2010	Trichloroethene	27	ug/Kg	U
SEE10061205PML1	10/6/2010	Trichloroethene	27	ug/Kg	U
SEE10041150JDF1	10/4/2010	Trichloroethene	27	ug/Kg	U
SEE09251135JDF1	9/25/2010	Trichloroethene	27	ug/Kg	U
SEE09221440JDF1	9/22/2010	Trichloroethene	27	ug/Kg	U
SEE09170839RCM1	9/17/2010	Trichloroethene	27	ug/Kg	U
SEE09151015PML1	9/15/2010	Trichloroethene	27	ug/Kg	U
SEE08291110PML1	8/29/2010	Trichloroethene	27	ug/kg	U
SEE10141150JDF1	10/14/2010	Trichloroethene	26	ug/Kg	U
SEE10141550JDF1	10/14/2010	Trichloroethene	26	ug/Kg	U
SEE10141550JDF1	10/14/2010	Trichloroethene	26	ug/Kg	U
SEE10121155JDF1	10/12/2010	Trichloroethene	26	ug/Kg	U
SEE09271130JDF1	9/27/2010	Trichloroethene	26	ug/Kg	U
SEE09131125PML1	9/13/2010	Trichloroethene	26	ug/Kg	U
SEE09091010PML1	9/9/2010	Trichloroethene	26	ug/Kg	U
SEE09091145PML1	9/9/2010	Trichloroethene	26	ug/Kg	U
SEE09091410PML1	9/9/2010	Trichloroethene	26	ug/Kg	U
SEE09061130MHS1	9/6/2010	Trichloroethene	26	ug/Kg	U
SEE09011145PML1	9/1/2010	Trichloroethene	26	ug/Kg	U
SEE08301638MHS1	8/30/2010	Trichloroethene	26	ug/Kg	U
SEE10151055ARM1	10/15/2010	Trichloroethene	25	ug/Kg	U
SEE10121415ARM1	10/12/2010	Trichloroethene	25	ug/Kg	U
SEE10111125JDF1	10/11/2010	Trichloroethene	25	ug/Kg	U
SEE10031425JDF1	10/3/2010	Trichloroethene	25	ug/Kg	U
SEE09291035JDF1	9/29/2010	Trichloroethene	25	ug/Kg	U
SEE09220935RCM1	9/22/2010	Trichloroethene	25	ug/Kg	U
SEE09111015PML1	9/11/2010	Trichloroethene	25	ug/Kg	U
SEE09051015PML1	9/5/2010	Trichloroethene	25	ug/Kg	U
SEE08301445JRP1	8/30/2010	Trichloroethene	25	ug/Kg	U
SEE10161415JDF1	10/16/2010	Trichloroethene	24	ug/Kg	U
SEE10040945JDF1	10/4/2010	Trichloroethene	24	ug/Kg	U
SEE09230955RCM1	9/23/2010	Trichloroethene	24	ug/Kg	U
SEE09211530JDF1	9/21/2010	Trichloroethene	24	ug/Kg	U
SEE09170945PML1	9/17/2010	Trichloroethene	24	ug/Kg	U
SEE09171125PML1	9/17/2010	Trichloroethene	24	ug/Kg	U
SEE09130955JRP1	9/13/2010	Trichloroethene	24	ug/Kg	U
SEE09091605PML1	9/9/2010	Trichloroethene	24	ug/Kg	U
SEE09041350PML1	9/4/2010	Trichloroethene	24	ug/Kg	U

**TABLE B-2b**  
**Upstream Sediment Samples (Morrow Lake)**

Sample ID	Sample Date	Analyte	Result	Unit	Data Qualifier
SEE10071205PML1	10/7/2010	Trichloroethene	23	ug/Kg	U
SEE10071540PML1	10/7/2010	Trichloroethene	23	ug/Kg	U
SEE10041335JDF1	10/4/2010	Trichloroethene	23	ug/Kg	U
SEE09271025ARM1	9/27/2010	Trichloroethene	23	ug/Kg	U
SEE09171530PML1	9/17/2010	Trichloroethene	23	ug/Kg	U
SEE09051430PML1	9/5/2010	Trichloroethene	23	ug/Kg	U
SEE08271500PML1	8/27/2010	Trichloroethene	23	ug/kg	U
SEE10150945JDF1	10/15/2010	Trichloroethene	22	ug/Kg	U
SEE10111011JDF1	10/11/2010	Trichloroethene	22	ug/Kg	U
SEE10111350JDF1	10/11/2010	Trichloroethene	22	ug/Kg	U
SEE10061051RCM1	10/6/2010	Trichloroethene	22	ug/Kg	U
SEE10041355ARM1	10/4/2010	Trichloroethene	22	ug/Kg	U
SEE09271515JDF1	9/27/2010	Trichloroethene	22	ug/Kg	U
SEE09221105JDF1	9/22/2010	Trichloroethene	22	ug/Kg	U
SEE09130940PML1	9/13/2010	Trichloroethene	22	ug/Kg	U
SEE08281215PML1	8/28/2010	Trichloroethene	22	ug/kg	U
SEE10121030JDF1	10/12/2010	Trichloroethene	21	ug/Kg	U
SEE09290925JDF1	9/29/2010	Trichloroethene	21	ug/Kg	U
SEE09091025JRP1	9/9/2010	Trichloroethene	21	ug/Kg	U
SEE09011635PML1	9/1/2010	Trichloroethene	21	ug/Kg	U
SEE08301520JRP1	8/30/2010	Trichloroethene	21	ug/Kg	U
SEE08281420TWH1	8/28/2010	Trichloroethene	21	ug/kg	U
SEE08261445JRP1	8/26/2010	Trichloroethene	21	ug/Kg	U
SEE10161055JDF1	10/16/2010	Trichloroethene	20	ug/Kg	U
SEE10151355ARM1	10/15/2010	Trichloroethene	20	ug/Kg	U
SEE10071415ARM1	10/7/2010	Trichloroethene	20	ug/Kg	U
SEE09031140MHS1	9/3/2010	Trichloroethene	20	ug/Kg	U
SEE08291421KAP1	8/29/2010	Trichloroethene	20	ug/kg	U
SEE08271145RCM1	8/27/2010	Trichloroethene	20	ug/kg	U
SEE10041050JDF1	10/4/2010	Trichloroethene	19	ug/Kg	U
SEE09301255MAE1	9/30/2010	Trichloroethene	19	ug/Kg	U
SEE09291645JDF1	9/29/2010	Trichloroethene	19	ug/Kg	U
SEE09051550MHS1	9/5/2010	Trichloroethene	19	ug/Kg	U
SEE09031645MHS1	9/3/2010	Trichloroethene	19	ug/Kg	U
SEE10041138RCM1	10/4/2010	Trichloroethene	18	ug/Kg	U
SEE09221615JDF1	9/22/2010	Trichloroethene	18	ug/Kg	U
SEE09191445RCM1	9/19/2010	Trichloroethene	18	ug/Kg	U
SEE08311010JRP1	8/31/2010	Trichloroethene	18	ug/Kg	U
SEE09250905RCM1	9/25/2010	Trichloroethene	17	ug/Kg	U
SEE09200911RCM1	9/20/2010	Trichloroethene	17	ug/Kg	U
SEE09090900JRP1	9/9/2010	Trichloroethene	17	ug/Kg	U
SEE09011545MHS1	9/1/2010	Trichloroethene	17	ug/Kg	U
SEE08281510TWH1	8/28/2010	Trichloroethene	17	ug/kg	U
SEE10170915JDF1	10/17/2010	Trichloroethene	16	ug/Kg	U
SEE09291135JDF1	9/29/2010	Trichloroethene	16	ug/Kg	U
SEE09260930RCM1	9/26/2010	Trichloroethene	16	ug/Kg	U
SEE09201110ARM1	9/20/2010	Trichloroethene	15	ug/Kg	U
SEE08301530JAW1	8/30/2010	Trichloroethene	15	ug/Kg	U
SEE08291550KAP1	8/29/2010	Trichloroethene	15	ug/kg	U
SEE10071151RCM1	10/7/2010	Trichloroethene	14	ug/Kg	U
SEE09211112RCM1	9/21/2010	Trichloroethene	14	ug/Kg	U
SEE08311348MHS1	8/31/2010	Trichloroethene	14	ug/Kg	U
SEE08300920JRP1	8/30/2010	Trichloroethene	14	ug/Kg	U
SEE08261620RCM1	8/26/2010	Trichloroethene	14	ug/kg	U
SEE10141025ARM1	10/14/2010	Trichloroethene	12	ug/Kg	U
SEE09130915JRP1	9/13/2010	Trichloroethene	12	ug/Kg	U
SEE10091200ARM1	10/9/2010	Trichloroethene	11	ug/Kg	U
SEE09291023RCM1	9/29/2010	Trichloroethene	11	ug/Kg	U
SEE09171445RCM1	9/17/2010	Trichloroethene	11	ug/Kg	U
SEE09161035RCM1	9/16/2010	Trichloroethene	11	ug/Kg	U

**TABLE B-2b**  
**Upstream Sediment Samples (Morrow Lake)**

Sample ID	Sample Date	Analyte	Result	Unit	Data Qualifier
SEE09141312RCM1	9/14/2010	Trichloroethene	10	ug/Kg	U
SEE08291445PML1	8/29/2010	Trichloroethene	10	ug/kg	U
SEE08291354KAP1	8/29/2010	Trichloroethene	9.3	ug/kg	U
SEE10051415ARM1	10/5/2010	Trichloroethene	8.7	ug/Kg	U
SEE09061610JAW1	9/6/2010	Trichloroethene	8.5	ug/Kg	U
SEE10011125ARM1	10/1/2010	Trichloroethene	8.2	ug/Kg	U
SEE08261700JRP1	8/26/2010	Trichloroethene	8.2	ug/Kg	U
SEE09051500MHS1	9/5/2010	Trichloroethene	8.0	ug/Kg	U
SEE10171535ARM1	10/17/2010	Trichloroethene	7.9	ug/Kg	U
SEE09231035ARM1	9/23/2010	Trichloroethene	7.9	ug/Kg	U
SEE09171200ARM1	9/17/2010	Trichloroethene	7.9	ug/Kg	U
SEE08271614TWH1	8/27/2010	Trichloroethene	7.8	ug/kg	U
SEE10081035ARM1	10/8/2010	Trichloroethene	7.6	ug/Kg	U
SEE08271652TWH1	8/27/2010	Trichloroethene	7.6	ug/kg	U
SEE09100945RCM1	9/10/2010	Trichloroethene	7.5	ug/Kg	U
SEE09211120ARM1	9/21/2010	Trichloroethene	7.4	ug/Kg	U
SEB09011143JLS1	9/1/2010	Trichloroethene	7.1	ug/Kg	U
SEE08301410JRP1	8/30/2010	Trichloroethene	7.0	ug/Kg	U
SEE09281445RCM1	9/28/2010	Trichloroethene	6.5	ug/Kg	U
SEE08271536TWH1	8/27/2010	Trichloroethene	6.3	ug/kg	U
SEE09271500ARM1	9/27/2010	Trichloroethene	6.2	ug/Kg	U
SEE09170935RCM1	9/17/2010	Trichloroethene	6.1	ug/Kg	U
SEF10011045TDF1	10/1/2010	Trichloroethene	6.0	ug/Kg	U
SEE09150915JRP1	9/15/2010	Trichloroethene	6.0	ug/Kg	U
SEE10011043RCM1	10/1/2010	Trichloroethene	5.8	ug/Kg	U
SEE09290915MAE1	9/29/2010	Trichloroethene	5.8	ug/Kg	U
SEE10131035ARM1	10/13/2010	Trichloroethene	5.5	ug/Kg	U
SEE10071045ARM1	10/7/2010	Trichloroethene	5.5	ug/Kg	U
SEE10041045ARM1	10/4/2010	Trichloroethene	5.5	ug/Kg	U
SEF10151030PMB3	10/15/2010	Trichloroethene	5.4	ug/Kg	U
SEF10081108TDF3	10/8/2010	Trichloroethene	5.4	ug/Kg	U
SEE09251235ARM1	9/25/2010	Trichloroethene	5.4	ug/Kg	U
SEE08281540JRP1	8/28/2010	Trichloroethene	5.4	ug/kg	U
SEF10051206TDF3	10/5/2010	Trichloroethene	5.3	ug/Kg	U
SEE09140945JRP1	9/14/2010	Trichloroethene	5.3	ug/Kg	U
SEE09080930JRP1	9/8/2010	Trichloroethene	5.3	ug/Kg	U
SEE09011515JAW1	9/1/2010	Trichloroethene	5.3	ug/Kg	U
SEE08301100JRP1	8/30/2010	Trichloroethene	5.3	ug/Kg	U
SEE10121040ARM1	10/12/2010	Trichloroethene	5.2	ug/Kg	U
SEF10121130PMB3	10/12/2010	Trichloroethene	5.2	ug/Kg	U
SEE09221045ARM1	9/22/2010	Trichloroethene	5.2	ug/Kg	U
SEE09100920JRP1	9/10/2010	Trichloroethene	5.1	ug/Kg	U
SEB08281400JLS1	8/28/2010	Trichloroethene	5.1	ug/kg	U
SEE09301025MAE1	9/30/2010	Trichloroethene	5.0	ug/Kg	U
SEE09051500JAW1	9/5/2010	Trichloroethene	5.0	ug/Kg	U
SEE10051145RCM1	10/5/2010	Trichloroethene	4.9	ug/Kg	U
SEE09070930JRP1	9/7/2010	Trichloroethene	4.9	ug/Kg	U
SEE10061135ARM1	10/6/2010	Trichloroethene	4.8	ug/Kg	U
SEE10181030JWP1	10/18/2010	Trichloroethene	4.6	ug/Kg	U
SEF09281139TDF1	9/28/2010	Trichloroethene	4.3	ug/Kg	U
SEE09231205RCM1	9/23/2010	Trichloroethene	3.3	ug/Kg	U
SEE08271445JRP1	8/27/2010	Trichloroethene	2.8	ug/kg	U
ML-07-S-082510	8/25/2010	Trichloroethene	0.73	mg/Kg	U
ML-03-S-082510	8/25/2010	Trichloroethene	0.43	mg/Kg	U
ML-06-S-082510	8/25/2010	Trichloroethene	0.42	mg/Kg	U
ML-07-S-082410	8/24/2010	Trichloroethene	0.41	mg/Kg	UJ
ML-06-S-082010	8/20/2010	Trichloroethene	0.38	mg/Kg	U
ML-08-S-082510	8/25/2010	Trichloroethene	0.37	mg/Kg	U
ML-08-S-082410	8/24/2010	Trichloroethene	0.37	mg/Kg	UJ
ML-06-S-082310	8/23/2010	Trichloroethene	0.37	mg/Kg	U

**TABLE B-2b**  
**Upstream Sediment Samples (Morrow Lake)**

Sample ID	Sample Date	Analyte	Result	Unit	Data Qualifier
ML-07-S-082110	8/21/2010	Trichloroethene	0.37	mg/Kg	U
ML-08-S-082110	8/21/2010	Trichloroethene	0.37	mg/Kg	U
ML-10-S-082110	8/21/2010	Trichloroethene	0.37	mg/Kg	U
ML-10-S-082110	8/21/2010	Trichloroethene	0.37	mg/Kg	U
ML-10-S-081910	8/19/2010	Trichloroethene	0.37	mg/Kg	U
ML-10-S-081910	8/19/2010	Trichloroethene	0.37	mg/Kg	U
ML-07-S-081810	8/18/2010	Trichloroethene	0.37	mg/Kg	UJ
ML-09-S-081810	8/18/2010	Trichloroethene	0.37	mg/Kg	UJ
ML-10-S-082410	8/24/2010	Trichloroethene	0.36	mg/Kg	UJ
ML-10-S-082410	8/24/2010	Trichloroethene	0.36	mg/Kg	UJ
ML-01-S-081610	8/16/2010	Trichloroethene	0.35	mg/Kg	U
ML-10-S-081610	8/16/2010	Trichloroethene	0.35	mg/Kg	U
ML-10-S-081610	8/16/2010	Trichloroethene	0.35	mg/Kg	U
ML-04-S-082410	8/24/2010	Trichloroethene	0.34	mg/Kg	UJ
ML-03-S-082310	8/23/2010	Trichloroethene	0.34	mg/Kg	U
ML-10-S-082110-D	8/21/2010	Trichloroethene	0.34	mg/Kg	U
ML-10-S-082110-D	8/21/2010	Trichloroethene	0.34	mg/Kg	U
ML-07-S-081610	8/16/2010	Trichloroethene	0.34	mg/Kg	U
ML-08-S-081610-D	8/16/2010	Trichloroethene	0.34	mg/Kg	U
ML-04-S-082610	8/26/2010	Trichloroethene	0.33	mg/Kg	U
ML-05-S-082310	8/23/2010	Trichloroethene	0.33	mg/Kg	U
ML-05-S-082010	8/20/2010	Trichloroethene	0.33	mg/Kg	U
ML-10-S-082610	8/26/2010	Trichloroethene	0.32	mg/Kg	U
ML-10-S-082610	8/26/2010	Trichloroethene	0.32	mg/Kg	U
ML-06-S-081710	8/17/2010	Trichloroethene	0.32	mg/Kg	U
ML-08-S-081610	8/16/2010	Trichloroethene	0.32	mg/Kg	U
ML-01-S-082510	8/25/2010	Trichloroethene	0.31	mg/Kg	U
ML-09-S-082510	8/25/2010	Trichloroethene	0.31	mg/Kg	U
ML-09-S-082410	8/24/2010	Trichloroethene	0.31	mg/Kg	UJ
ML-02-S-081710	8/17/2010	Trichloroethene	0.31	mg/Kg	U
ML-02-S-082510	8/25/2010	Trichloroethene	0.28	mg/Kg	U
ML-09-S-082110	8/21/2010	Trichloroethene	0.28	mg/Kg	U
ML-01-S-082110	8/21/2010	Trichloroethene	0.27	mg/Kg	U
ML-04-S-081710	8/17/2010	Trichloroethene	0.27	mg/Kg	U
ML-05-S-081710	8/17/2010	Trichloroethene	0.27	mg/Kg	U
ML-02-S-082310	8/23/2010	Trichloroethene	0.25	mg/Kg	U
ML-04-S-082010	8/20/2010	Trichloroethene	0.25	mg/Kg	U
ML-01-S-081910	8/19/2010	Trichloroethene	0.25	mg/Kg	U
ML-02-S-082010	8/20/2010	Trichloroethene	0.22	mg/Kg	U
ML-03-S-081610	8/16/2010	Trichloroethene	0.22	mg/Kg	U
ML-03-S-082010	8/20/2010	Trichloroethene	0.19	mg/Kg	U
ML-05-S-082610	8/26/2010	Trichloroethene	0.17	mg/Kg	U
SEE10141015JDF1	10/14/2010	Trichlorofluoromethane	280	ug/Kg	U
SEE09200945PML1	9/20/2010	Trichlorofluoromethane	60	ug/Kg	U
SEE09200945PML1	9/20/2010	Trichlorofluoromethane	60	ug/Kg	U
SEE09201115RCM1	9/20/2010	Trichlorofluoromethane	58	ug/Kg	U
SEE09201645ARM1	9/20/2010	Trichlorofluoromethane	48	ug/Kg	U
SEE10071042RCM1	10/7/2010	Trichlorofluoromethane	45	ug/Kg	U
SEE09061500PML1	9/6/2010	Trichlorofluoromethane	45	ug/Kg	U
SEE08281607TWH1	8/28/2010	Trichlorofluoromethane	44	ug/kg	U
SEE09301105JDF1	9/30/2010	Trichlorofluoromethane	42	ug/Kg	U
SEE09181705PML1	9/18/2010	Trichlorofluoromethane	42	ug/Kg	U
SEE09021400PML1	9/2/2010	Trichlorofluoromethane	41	ug/Kg	U
SEE08301130PML1	8/30/2010	Trichlorofluoromethane	41	ug/Kg	U
SEE10091401PML1	10/9/2010	Trichlorofluoromethane	40	ug/Kg	U
SEE10181035JDF1	10/18/2010	Trichlorofluoromethane	39	ug/Kg	U
SEE10051125PML1	10/5/2010	Trichlorofluoromethane	39	ug/Kg	U
SEE08311045PML1	8/31/2010	Trichlorofluoromethane	39	ug/Kg	U
SEE10141555ARM1	10/14/2010	Trichlorofluoromethane	38	ug/Kg	U
SEE09101215PML1	9/10/2010	Trichlorofluoromethane	38	ug/Kg	U



**TABLE B-2b**  
**Upstream Sediment Samples (Morrow Lake)**

Sample ID	Sample Date	Analyte	Result	Unit	Data Qualifier
SEE10161530JDF1	10/16/2010	Trichlorofluoromethane	37	ug/Kg	U
SEE10081115PML1	10/8/2010	Trichlorofluoromethane	37	ug/Kg	U
SEE09030925PML1	9/3/2010	Trichlorofluoromethane	37	ug/Kg	U
SEE09031115JAW1	9/3/2010	Trichlorofluoromethane	37	ug/Kg	U
SEE08281505PML1	8/28/2010	Trichlorofluoromethane	37	ug/kg	U
SEE10171410JDF1	10/17/2010	Trichlorofluoromethane	36	ug/Kg	U
SEE09191530PML1	9/19/2010	Trichlorofluoromethane	36	ug/Kg	U
SEE09181235PML1	9/18/2010	Trichlorofluoromethane	36	ug/Kg	U
SEE09141135PML1	9/14/2010	Trichlorofluoromethane	36	ug/Kg	U
SEE09101022PML1	9/10/2010	Trichlorofluoromethane	36	ug/Kg	U
SEE10171115JDF1	10/17/2010	Trichlorofluoromethane	35	ug/Kg	U
SEE08311420PML1	8/31/2010	Trichlorofluoromethane	35	ug/Kg	U
SEE08311420PML1	8/31/2010	Trichlorofluoromethane	35	ug/Kg	U
SEE08271215PML1	8/27/2010	Trichlorofluoromethane	35	ug/kg	U
SEE10041530JDF1	10/4/2010	Trichlorofluoromethane	34	ug/Kg	U
SEE09121105RCM1	9/12/2010	Trichlorofluoromethane	34	ug/Kg	U
SEE09011545PML1	9/1/2010	Trichlorofluoromethane	34	ug/Kg	U
SEE08301550PML1	8/30/2010	Trichlorofluoromethane	34	ug/Kg	U
SEE10181210JDF1	10/18/2010	Trichlorofluoromethane	33	ug/Kg	U
SEE10181430JWP1	10/18/2010	Trichlorofluoromethane	33	ug/Kg	U
SEE10181510JDF1	10/18/2010	Trichlorofluoromethane	33	ug/Kg	U
SEE10181510JDF1	10/18/2010	Trichlorofluoromethane	33	ug/Kg	U
SEE10131150JDF1	10/13/2010	Trichlorofluoromethane	33	ug/Kg	U
SEE10101010PML1	10/10/2010	Trichlorofluoromethane	33	ug/Kg	U
SEE10101215PML1	10/10/2010	Trichlorofluoromethane	33	ug/Kg	U
SEE10101215PML1	10/10/2010	Trichlorofluoromethane	33	ug/Kg	U
SEE09140945PML1	9/14/2010	Trichlorofluoromethane	33	ug/Kg	U
SEE09061525MHS1	9/6/2010	Trichlorofluoromethane	33	ug/Kg	U
SEE09051130PML1	9/5/2010	Trichlorofluoromethane	33	ug/Kg	U
SEE09031100PML1	9/3/2010	Trichlorofluoromethane	33	ug/Kg	U
SEE09021010PML1	9/2/2010	Trichlorofluoromethane	33	ug/Kg	U
SEE08281630RCM1	8/28/2010	Trichlorofluoromethane	33	ug/kg	U
SEE10031115JDF1	10/3/2010	Trichlorofluoromethane	32	ug/Kg	U
SEE10031115JDF1	10/3/2010	Trichlorofluoromethane	32	ug/Kg	U
SEE09301205RCM1	9/30/2010	Trichlorofluoromethane	32	ug/Kg	U
SEE09301255JDF1	9/30/2010	Trichlorofluoromethane	32	ug/Kg	U
SEE09231645JDF1	9/23/2010	Trichlorofluoromethane	32	ug/Kg	U
SEE09141515PML1	9/14/2010	Trichlorofluoromethane	32	ug/Kg	U
SEE09101625PML1	9/10/2010	Trichlorofluoromethane	32	ug/Kg	U
SEE09091005RCM1	9/9/2010	Trichlorofluoromethane	32	ug/Kg	U
SEE09061105PML1	9/6/2010	Trichlorofluoromethane	32	ug/Kg	U
SEE09031650PML1	9/3/2010	Trichlorofluoromethane	32	ug/Kg	U
SEE09031650PML1	9/3/2010	Trichlorofluoromethane	32	ug/Kg	U
SEE10081231PML1	10/8/2010	Trichlorofluoromethane	31	ug/Kg	U
SEE09231210JDF1	9/23/2010	Trichlorofluoromethane	31	ug/Kg	U
SEE09161045PML1	9/16/2010	Trichlorofluoromethane	31	ug/Kg	U
SEE09081205PML1	9/8/2010	Trichlorofluoromethane	31	ug/Kg	U
SEE09071050PML1	9/7/2010	Trichlorofluoromethane	31	ug/Kg	U
SEE08301145MHS1	8/30/2010	Trichlorofluoromethane	31	ug/Kg	U
SEE10161115ARM1	10/16/2010	Trichlorofluoromethane	30	ug/Kg	U
SEE10120930JDF1	10/12/2010	Trichlorofluoromethane	30	ug/Kg	U
SEE10071101PML1	10/7/2010	Trichlorofluoromethane	30	ug/Kg	U
SEE09261625JDF1	9/26/2010	Trichlorofluoromethane	30	ug/Kg	U
SEE09261625JDF1	9/26/2010	Trichlorofluoromethane	30	ug/Kg	U
SEE09131445RCM1	9/13/2010	Trichlorofluoromethane	30	ug/Kg	U
SEE09121055PML1	9/12/2010	Trichlorofluoromethane	30	ug/Kg	U
SEE09121055PML1	9/12/2010	Trichlorofluoromethane	30	ug/Kg	U
SEE09121436RCM1	9/12/2010	Trichlorofluoromethane	30	ug/Kg	U
SEE09091410RCM1	9/9/2010	Trichlorofluoromethane	30	ug/Kg	U
SEE09011050PML1	9/1/2010	Trichlorofluoromethane	30	ug/Kg	U

**TABLE B-2b**  
**Upstream Sediment Samples (Morrow Lake)**

Sample ID	Sample Date	Analyte	Result	Unit	Data Qualifier
SEE10081051RCM1	10/8/2010	Trichlorofluoromethane	29	ug/Kg	U
SEE10061640PML1	10/6/2010	Trichlorofluoromethane	29	ug/Kg	U
SEE10061640PML1	10/6/2010	Trichlorofluoromethane	29	ug/Kg	U
SEE10051653PML1	10/5/2010	Trichlorofluoromethane	29	ug/Kg	U
SEE09261215JDF1	9/26/2010	Trichlorofluoromethane	29	ug/Kg	U
SEE09231130ARM1	9/23/2010	Trichlorofluoromethane	29	ug/Kg	U
SEE09191040PML1	9/19/2010	Trichlorofluoromethane	29	ug/Kg	U
SEE09131026RCM1	9/13/2010	Trichlorofluoromethane	29	ug/Kg	U
SEE09131505PML1	9/13/2010	Trichlorofluoromethane	29	ug/Kg	U
SEE09040950PML1	9/4/2010	Trichlorofluoromethane	29	ug/Kg	U
SEE10011120JDF1	10/1/2010	Trichlorofluoromethane	28	ug/Kg	U
SEE09211155JDF1	9/21/2010	Trichlorofluoromethane	28	ug/Kg	U
SEE09171415PML1	9/17/2010	Trichlorofluoromethane	28	ug/Kg	U
SEE09151145PML1	9/15/2010	Trichlorofluoromethane	28	ug/Kg	U
SEE09151145PML1	9/15/2010	Trichlorofluoromethane	28	ug/Kg	U
SEE09131620PML1	9/13/2010	Trichlorofluoromethane	28	ug/Kg	U
SEE09121450PML1	9/12/2010	Trichlorofluoromethane	28	ug/Kg	U
SEE09091515PML1	9/9/2010	Trichlorofluoromethane	28	ug/Kg	U
SEE09081010PML1	9/8/2010	Trichlorofluoromethane	28	ug/Kg	U
SEE09081020RCM1	9/8/2010	Trichlorofluoromethane	28	ug/Kg	U
SEE09011255PML1	9/1/2010	Trichlorofluoromethane	28	ug/Kg	U
SEE08301015JRP1	8/30/2010	Trichlorofluoromethane	28	ug/Kg	U
SEE08261420RCM1	8/26/2010	Trichlorofluoromethane	28	ug/kg	U
SEE10091614PML1	10/9/2010	Trichlorofluoromethane	27	ug/Kg	U
SEE10061205PML1	10/6/2010	Trichlorofluoromethane	27	ug/Kg	U
SEE10041150JDF1	10/4/2010	Trichlorofluoromethane	27	ug/Kg	U
SEE09251135JDF1	9/25/2010	Trichlorofluoromethane	27	ug/Kg	U
SEE09221440JDF1	9/22/2010	Trichlorofluoromethane	27	ug/Kg	U
SEE09170839RCM1	9/17/2010	Trichlorofluoromethane	27	ug/Kg	U
SEE09151015PML1	9/15/2010	Trichlorofluoromethane	27	ug/Kg	U
SEE08291110PML1	8/29/2010	Trichlorofluoromethane	27	ug/kg	U
SEE10141150JDF1	10/14/2010	Trichlorofluoromethane	26	ug/Kg	U
SEE10141550JDF1	10/14/2010	Trichlorofluoromethane	26	ug/Kg	U
SEE10141550JDF1	10/14/2010	Trichlorofluoromethane	26	ug/Kg	U
SEE10121155JDF1	10/12/2010	Trichlorofluoromethane	26	ug/Kg	U
SEE09271130JDF1	9/27/2010	Trichlorofluoromethane	26	ug/Kg	U
SEE09131125PML1	9/13/2010	Trichlorofluoromethane	26	ug/Kg	U
SEE09091010PML1	9/9/2010	Trichlorofluoromethane	26	ug/Kg	U
SEE09091145PML1	9/9/2010	Trichlorofluoromethane	26	ug/Kg	U
SEE09091410PML1	9/9/2010	Trichlorofluoromethane	26	ug/Kg	U
SEE09061130MHS1	9/6/2010	Trichlorofluoromethane	26	ug/Kg	U
SEE09011145PML1	9/1/2010	Trichlorofluoromethane	26	ug/Kg	U
SEE08301638MHS1	8/30/2010	Trichlorofluoromethane	26	ug/Kg	U
SEE10151055ARM1	10/15/2010	Trichlorofluoromethane	25	ug/Kg	U
SEE10121415ARM1	10/12/2010	Trichlorofluoromethane	25	ug/Kg	U
SEE10111125JDF1	10/11/2010	Trichlorofluoromethane	25	ug/Kg	U
SEE10031425JDF1	10/3/2010	Trichlorofluoromethane	25	ug/Kg	U
SEE09291035JDF1	9/29/2010	Trichlorofluoromethane	25	ug/Kg	U
SEE09220935RCM1	9/22/2010	Trichlorofluoromethane	25	ug/Kg	U
SEE09111015PML1	9/11/2010	Trichlorofluoromethane	25	ug/Kg	U
SEE09051015PML1	9/5/2010	Trichlorofluoromethane	25	ug/Kg	U
SEE08301445JRP1	8/30/2010	Trichlorofluoromethane	25	ug/Kg	U
SEE10161415JDF1	10/16/2010	Trichlorofluoromethane	24	ug/Kg	U
SEE10040945JDF1	10/4/2010	Trichlorofluoromethane	24	ug/Kg	U
SEE09230955RCM1	9/23/2010	Trichlorofluoromethane	24	ug/Kg	U
SEE09211530JDF1	9/21/2010	Trichlorofluoromethane	24	ug/Kg	U
SEE09170945PML1	9/17/2010	Trichlorofluoromethane	24	ug/Kg	U
SEE09171125PML1	9/17/2010	Trichlorofluoromethane	24	ug/Kg	U
SEE09130955JRP1	9/13/2010	Trichlorofluoromethane	24	ug/Kg	U
SEE09091605PML1	9/9/2010	Trichlorofluoromethane	24	ug/Kg	U

**TABLE B-2b**  
**Upstream Sediment Samples (Morrow Lake)**

Sample ID	Sample Date	Analyte	Result	Unit	Data Qualifier
SEE09041350PML1	9/4/2010	Trichlorofluoromethane	24	ug/Kg	U
SEE10071205PML1	10/7/2010	Trichlorofluoromethane	23	ug/Kg	U
SEE10071540PML1	10/7/2010	Trichlorofluoromethane	23	ug/Kg	U
SEE10041335JDF1	10/4/2010	Trichlorofluoromethane	23	ug/Kg	U
SEE09271025ARM1	9/27/2010	Trichlorofluoromethane	23	ug/Kg	U
SEE09171530PML1	9/17/2010	Trichlorofluoromethane	23	ug/Kg	U
SEE09051430PML1	9/5/2010	Trichlorofluoromethane	23	ug/Kg	U
SEE08271500PML1	8/27/2010	Trichlorofluoromethane	23	ug/kg	U
SEE10150945JDF1	10/15/2010	Trichlorofluoromethane	22	ug/Kg	U
SEE10111011JDF1	10/11/2010	Trichlorofluoromethane	22	ug/Kg	U
SEE10111350JDF1	10/11/2010	Trichlorofluoromethane	22	ug/Kg	U
SEE10061051RCM1	10/6/2010	Trichlorofluoromethane	22	ug/Kg	U
SEE10041355ARM1	10/4/2010	Trichlorofluoromethane	22	ug/Kg	U
SEE09271515JDF1	9/27/2010	Trichlorofluoromethane	22	ug/Kg	U
SEE09221105JDF1	9/22/2010	Trichlorofluoromethane	22	ug/Kg	U
SEE09130940PML1	9/13/2010	Trichlorofluoromethane	22	ug/Kg	U
SEE08281215PML1	8/28/2010	Trichlorofluoromethane	22	ug/kg	U
SEE10121030JDF1	10/12/2010	Trichlorofluoromethane	21	ug/Kg	U
SEE09290925JDF1	9/29/2010	Trichlorofluoromethane	21	ug/Kg	U
SEE09091025JRP1	9/9/2010	Trichlorofluoromethane	21	ug/Kg	U
SEE09011635PML1	9/1/2010	Trichlorofluoromethane	21	ug/Kg	U
SEE08301520JRP1	8/30/2010	Trichlorofluoromethane	21	ug/Kg	U
SEE08281420TWH1	8/28/2010	Trichlorofluoromethane	21	ug/kg	U
SEE08261445JRP1	8/26/2010	Trichlorofluoromethane	21	ug/Kg	U
SEE10161055JDF1	10/16/2010	Trichlorofluoromethane	20	ug/Kg	U
SEE10151355ARM1	10/15/2010	Trichlorofluoromethane	20	ug/Kg	U
SEE10071415ARM1	10/7/2010	Trichlorofluoromethane	20	ug/Kg	U
SEE09031140MHS1	9/3/2010	Trichlorofluoromethane	20	ug/Kg	U
SEE08291421KAP1	8/29/2010	Trichlorofluoromethane	20	ug/kg	U
SEE08271145RCM1	8/27/2010	Trichlorofluoromethane	20	ug/kg	U
SEE10041050JDF1	10/4/2010	Trichlorofluoromethane	19	ug/Kg	U
SEE09301255MAE1	9/30/2010	Trichlorofluoromethane	19	ug/Kg	U
SEE09291645JDF1	9/29/2010	Trichlorofluoromethane	19	ug/Kg	U
SEE09051550MHS1	9/5/2010	Trichlorofluoromethane	19	ug/Kg	U
SEE09031645MHS1	9/3/2010	Trichlorofluoromethane	19	ug/Kg	U
SEE10041138RCM1	10/4/2010	Trichlorofluoromethane	18	ug/Kg	U
SEE09221615JDF1	9/22/2010	Trichlorofluoromethane	18	ug/Kg	U
SEE09191445RCM1	9/19/2010	Trichlorofluoromethane	18	ug/Kg	U
SEE08311010JRP1	8/31/2010	Trichlorofluoromethane	18	ug/Kg	U
SEE09250905RCM1	9/25/2010	Trichlorofluoromethane	17	ug/Kg	U
SEE09200911RCM1	9/20/2010	Trichlorofluoromethane	17	ug/Kg	U
SEE09090900JRP1	9/9/2010	Trichlorofluoromethane	17	ug/Kg	U
SEE09011545MHS1	9/1/2010	Trichlorofluoromethane	17	ug/Kg	U
SEE08281510TWH1	8/28/2010	Trichlorofluoromethane	17	ug/kg	U
SEE10170915JDF1	10/17/2010	Trichlorofluoromethane	16	ug/Kg	U
SEE09291135JDF1	9/29/2010	Trichlorofluoromethane	16	ug/Kg	U
SEE09260930RCM1	9/26/2010	Trichlorofluoromethane	16	ug/Kg	U
SEE09201110ARM1	9/20/2010	Trichlorofluoromethane	15	ug/Kg	U
SEE08301530JAW1	8/30/2010	Trichlorofluoromethane	15	ug/Kg	U
SEE08291550KAP1	8/29/2010	Trichlorofluoromethane	15	ug/kg	U
SEE10071151RCM1	10/7/2010	Trichlorofluoromethane	14	ug/Kg	U
SEE09211112RCM1	9/21/2010	Trichlorofluoromethane	14	ug/Kg	U
SEE08311348MHS1	8/31/2010	Trichlorofluoromethane	14	ug/Kg	U
SEE08300920JRP1	8/30/2010	Trichlorofluoromethane	14	ug/Kg	U
SEE08261620RCM1	8/26/2010	Trichlorofluoromethane	14	ug/kg	U
SEE10141025ARM1	10/14/2010	Trichlorofluoromethane	12	ug/Kg	U
SEE09130915JRP1	9/13/2010	Trichlorofluoromethane	12	ug/Kg	U
SEE10091200ARM1	10/9/2010	Trichlorofluoromethane	11	ug/Kg	U
SEE09291023RCM1	9/29/2010	Trichlorofluoromethane	11	ug/Kg	U
SEE09171445RCM1	9/17/2010	Trichlorofluoromethane	11	ug/Kg	U

**TABLE B-2b**  
**Upstream Sediment Samples (Morrow Lake)**

Sample ID	Sample Date	Analyte	Result	Unit	Data Qualifier
SEE09161035RCM1	9/16/2010	Trichlorofluoromethane	11	ug/Kg	U
SEE09141312RCM1	9/14/2010	Trichlorofluoromethane	10	ug/Kg	U
SEE08291445PML1	8/29/2010	Trichlorofluoromethane	10	ug/kg	U
SEE08291354KAP1	8/29/2010	Trichlorofluoromethane	9.3	ug/kg	U
SEE10051415ARM1	10/5/2010	Trichlorofluoromethane	8.7	ug/Kg	U
SEE09061610JAW1	9/6/2010	Trichlorofluoromethane	8.5	ug/Kg	U
SEE10011125ARM1	10/1/2010	Trichlorofluoromethane	8.2	ug/Kg	U
SEE08261700JRP1	8/26/2010	Trichlorofluoromethane	8.2	ug/Kg	U
SEE09051500MHS1	9/5/2010	Trichlorofluoromethane	8.0	ug/Kg	U
SEE10171535ARM1	10/17/2010	Trichlorofluoromethane	7.9	ug/Kg	U
SEE09231035ARM1	9/23/2010	Trichlorofluoromethane	7.9	ug/Kg	U
SEE09171200ARM1	9/17/2010	Trichlorofluoromethane	7.9	ug/Kg	U
SEE08271614TWH1	8/27/2010	Trichlorofluoromethane	7.8	ug/kg	U
SEE10081035ARM1	10/8/2010	Trichlorofluoromethane	7.6	ug/Kg	U
SEE08271652TWH1	8/27/2010	Trichlorofluoromethane	7.6	ug/kg	U
SEE09100945RCM1	9/10/2010	Trichlorofluoromethane	7.5	ug/Kg	U
SEE09211120ARM1	9/21/2010	Trichlorofluoromethane	7.4	ug/Kg	U
SEB09011143JLS1	9/1/2010	Trichlorofluoromethane	7.1	ug/Kg	U
SEE08301410JRP1	8/30/2010	Trichlorofluoromethane	7.0	ug/Kg	U
SEE09281445RCM1	9/28/2010	Trichlorofluoromethane	6.5	ug/Kg	U
SEE08271536TWH1	8/27/2010	Trichlorofluoromethane	6.3	ug/kg	U
SEE09271500ARM1	9/27/2010	Trichlorofluoromethane	6.2	ug/Kg	U
SEE09170935RCM1	9/17/2010	Trichlorofluoromethane	6.1	ug/Kg	U
SEF10011045TDF1	10/1/2010	Trichlorofluoromethane	6.0	ug/Kg	U
SEE09150915JRP1	9/15/2010	Trichlorofluoromethane	6.0	ug/Kg	U
SEE10011043RCM1	10/1/2010	Trichlorofluoromethane	5.8	ug/Kg	U
SEE09290915MAE1	9/29/2010	Trichlorofluoromethane	5.8	ug/Kg	U
SEE10131035ARM1	10/13/2010	Trichlorofluoromethane	5.5	ug/Kg	U
SEE10071045ARM1	10/7/2010	Trichlorofluoromethane	5.5	ug/Kg	U
SEE10041045ARM1	10/4/2010	Trichlorofluoromethane	5.5	ug/Kg	U
SEF10151030PMB3	10/15/2010	Trichlorofluoromethane	5.4	ug/Kg	U
SEF10081108TDF3	10/8/2010	Trichlorofluoromethane	5.4	ug/Kg	U
SEE09251235ARM1	9/25/2010	Trichlorofluoromethane	5.4	ug/Kg	U
SEE08281540JRP1	8/28/2010	Trichlorofluoromethane	5.4	ug/kg	U
SEF10051206TDF3	10/5/2010	Trichlorofluoromethane	5.3	ug/Kg	U
SEE09140945JRP1	9/14/2010	Trichlorofluoromethane	5.3	ug/Kg	U
SEE09080930JRP1	9/8/2010	Trichlorofluoromethane	5.3	ug/Kg	U
SEE09011515JAW1	9/1/2010	Trichlorofluoromethane	5.3	ug/Kg	U
SEE08301100JRP1	8/30/2010	Trichlorofluoromethane	5.3	ug/Kg	U
SEE10121040ARM1	10/12/2010	Trichlorofluoromethane	5.2	ug/Kg	U
SEF10121130PMB3	10/12/2010	Trichlorofluoromethane	5.2	ug/Kg	U
SEE09221045ARM1	9/22/2010	Trichlorofluoromethane	5.2	ug/Kg	U
SEE09100920JRP1	9/10/2010	Trichlorofluoromethane	5.1	ug/Kg	U
SEB08281400JLS1	8/28/2010	Trichlorofluoromethane	5.1	ug/kg	U
SEE09301025MAE1	9/30/2010	Trichlorofluoromethane	5.0	ug/Kg	U
SEE09051500JAW1	9/5/2010	Trichlorofluoromethane	5.0	ug/Kg	U
SEE10051145RCM1	10/5/2010	Trichlorofluoromethane	4.9	ug/Kg	U
SEE09070930JRP1	9/7/2010	Trichlorofluoromethane	4.9	ug/Kg	U
SEE10061135ARM1	10/6/2010	Trichlorofluoromethane	4.8	ug/Kg	U
SEE10181030JWP1	10/18/2010	Trichlorofluoromethane	4.6	ug/Kg	U
SEF09281139TDF1	9/28/2010	Trichlorofluoromethane	4.3	ug/Kg	U
SEE09231205RCM1	9/23/2010	Trichlorofluoromethane	3.3	ug/Kg	U
SEE08271445JRP1	8/27/2010	Trichlorofluoromethane	2.8	ug/kg	U
SEE08300920JRP1	8/30/2010	Vanadium	22000	ug/Kg	J
SEE08281420TWH1	8/28/2010	Vanadium	19500	ug/kg	
SEE08281510TWH1	8/28/2010	Vanadium	19400	ug/kg	
SEE10151055ARM1	10/15/2010	Vanadium	19000	ug/Kg	J
SEE10151355ARM1	10/15/2010	Vanadium	19000	ug/Kg	J
SEE08301445JRP1	8/30/2010	Vanadium	19000	ug/Kg	J
SEE09260930RCM1	9/26/2010	Vanadium	18000	ug/Kg	

**TABLE B-2b**  
**Upstream Sediment Samples (Morrow Lake)**

Sample ID	Sample Date	Analyte	Result	Unit	Data Qualifier
SEE09011545MHS1	9/1/2010	Vanadium	18000	ug/Kg	
SEE08301015JRP1	8/30/2010	Vanadium	18000	ug/Kg	J
SEE08301520JRP1	8/30/2010	Vanadium	18000	ug/Kg	J
SEE10181430JWP1	10/18/2010	Vanadium	17000	ug/Kg	
SEE10141555ARM1	10/14/2010	Vanadium	17000	ug/Kg	
SEE10121415ARM1	10/12/2010	Vanadium	17000	ug/Kg	B
SEE10071205PML1	10/7/2010	Vanadium	17000	ug/Kg	
SEE10071415ARM1	10/7/2010	Vanadium	17000	ug/Kg	
SEE09291023RCM1	9/29/2010	Vanadium	17000	ug/Kg	
SEE09191445RCM1	9/19/2010	Vanadium	17000	ug/Kg	B
SEE09161045PML1	9/16/2010	Vanadium	17000	ug/Kg	B
SEE09081020RCM1	9/8/2010	Vanadium	17000	ug/Kg	
SEE09011050PML1	9/1/2010	Vanadium	17000	ug/Kg	
SEE09011545PML1	9/1/2010	Vanadium	17000	ug/Kg	
SEE08281607TWH1	8/28/2010	Vanadium	16300	ug/kg	
SEE10161115ARM1	10/16/2010	Vanadium	16000	ug/Kg	
SEE10161415JDF1	10/16/2010	Vanadium	16000	ug/Kg	
SEE10150945JDF1	10/15/2010	Vanadium	16000	ug/Kg	J
SEE10091401PML1	10/9/2010	Vanadium	16000	ug/Kg	
SEE10061051RCM1	10/6/2010	Vanadium	16000	ug/Kg	
SEE10031425JDF1	10/3/2010	Vanadium	16000	ug/Kg	B
SEE09301105JDF1	9/30/2010	Vanadium	16000	ug/Kg	
SEE09301205RCM1	9/30/2010	Vanadium	16000	ug/Kg	
SEE09271025ARM1	9/27/2010	Vanadium	16000	ug/Kg	J
SEE09271130JDF1	9/27/2010	Vanadium	16000	ug/Kg	J
SEE09271515JDF1	9/27/2010	Vanadium	16000	ug/Kg	J
SEE09251135JDF1	9/25/2010	Vanadium	16000	ug/Kg	
SEE09230955RCM1	9/23/2010	Vanadium	16000	ug/Kg	
SEE09220935RCM1	9/22/2010	Vanadium	16000	ug/Kg	
SEE09211155JDF1	9/21/2010	Vanadium	16000	ug/Kg	
SEE09170839RCM1	9/17/2010	Vanadium	16000	ug/Kg	
SEE09141135PML1	9/14/2010	Vanadium	16000	ug/Kg	
SEE09131125PML1	9/13/2010	Vanadium	16000	ug/Kg	J
SEE09121436RCM1	9/12/2010	Vanadium	16000	ug/Kg	
SEE09121450PML1	9/12/2010	Vanadium	16000	ug/Kg	
SEE09101022PML1	9/10/2010	Vanadium	16000	ug/Kg	
SEE09101215PML1	9/10/2010	Vanadium	16000	ug/Kg	
SEE09091005RCM1	9/9/2010	Vanadium	16000	ug/Kg	
SEE09091010PML1	9/9/2010	Vanadium	16000	ug/Kg	
SEE09091025JRP1	9/9/2010	Vanadium	16000	ug/Kg	
SEE09091145PML1	9/9/2010	Vanadium	16000	ug/Kg	
SEE09091410RCM1	9/9/2010	Vanadium	16000	ug/Kg	
SEE09061130MHS1	9/6/2010	Vanadium	16000	ug/Kg	
SEE09061500PML1	9/6/2010	Vanadium	16000	ug/Kg	
SEE09051550MHS1	9/5/2010	Vanadium	16000	ug/Kg	
SEE09030925PML1	9/3/2010	Vanadium	16000	ug/Kg	
SEE09021400PML1	9/2/2010	Vanadium	16000	ug/Kg	
SEE08301130PML1	8/30/2010	Vanadium	16000	ug/Kg	J
SEE08301530JAW1	8/30/2010	Vanadium	16000	ug/Kg	J
SEE08261445JRP1	8/26/2010	Vanadium	16000	ug/Kg	B
SEE08281630RCM1	8/28/2010	Vanadium	15700	ug/kg	
SEE08271215PML1	8/27/2010	Vanadium	15700	ug/kg	
SEE10171410JDF1	10/17/2010	Vanadium	15000	ug/Kg	
SEE10161055JDF1	10/16/2010	Vanadium	15000	ug/Kg	
SEE10161530JDF1	10/16/2010	Vanadium	15000	ug/Kg	
SEE10111011JDF1	10/11/2010	Vanadium	15000	ug/Kg	
SEE10111125JDF1	10/11/2010	Vanadium	15000	ug/Kg	
SEE10111350JDF1	10/11/2010	Vanadium	15000	ug/Kg	
SEE10081051RCM1	10/8/2010	Vanadium	15000	ug/Kg	
SEE10071042RCM1	10/7/2010	Vanadium	15000	ug/Kg	

**TABLE B-2b**  
**Upstream Sediment Samples (Morrow Lake)**

Sample ID	Sample Date	Analyte	Result	Unit	Data Qualifier
SEE10071101PML1	10/7/2010	Vanadium	15000	ug/Kg	
SEE10071540PML1	10/7/2010	Vanadium	15000	ug/Kg	
SEE10041050JDF1	10/4/2010	Vanadium	15000	ug/Kg	
SEE09301255JDF1	9/30/2010	Vanadium	15000	ug/Kg	
SEE09301255MAE1	9/30/2010	Vanadium	15000	ug/Kg	
SEE09290925JDF1	9/29/2010	Vanadium	15000	ug/Kg	
SEE09261215JDF1	9/26/2010	Vanadium	15000	ug/Kg	
SEE09231130ARM1	9/23/2010	Vanadium	15000	ug/Kg	
SEE09231645JDF1	9/23/2010	Vanadium	15000	ug/Kg	
SEE09221105JDF1	9/22/2010	Vanadium	15000	ug/Kg	
SEE09221440JDF1	9/22/2010	Vanadium	15000	ug/Kg	
SEE09221615JDF1	9/22/2010	Vanadium	15000	ug/Kg	
SEE09191040PML1	9/19/2010	Vanadium	15000	ug/Kg	B
SEE09181235PML1	9/18/2010	Vanadium	15000	ug/Kg	
SEE09171125PML1	9/17/2010	Vanadium	15000	ug/Kg	
SEE09171415PML1	9/17/2010	Vanadium	15000	ug/Kg	
SEE09161035RCM1	9/16/2010	Vanadium	15000	ug/Kg	B
SEE09140945PML1	9/14/2010	Vanadium	15000	ug/Kg	
SEE09141515PML1	9/14/2010	Vanadium	15000	ug/Kg	
SEE09130915JRP1	9/13/2010	Vanadium	15000	ug/Kg	J
SEE09130940PML1	9/13/2010	Vanadium	15000	ug/Kg	J
SEE09131026RCM1	9/13/2010	Vanadium	15000	ug/Kg	J
SEE09131445RCM1	9/13/2010	Vanadium	15000	ug/Kg	J
SEE09131505PML1	9/13/2010	Vanadium	15000	ug/Kg	J
SEE09101625PML1	9/10/2010	Vanadium	15000	ug/Kg	
SEE09090900JRP1	9/9/2010	Vanadium	15000	ug/Kg	
SEE09091410PML1	9/9/2010	Vanadium	15000	ug/Kg	
SEE09091605PML1	9/9/2010	Vanadium	15000	ug/Kg	
SEE09051015PML1	9/5/2010	Vanadium	15000	ug/Kg	
SEE09040950PML1	9/4/2010	Vanadium	15000	ug/Kg	
SEE09041350PML1	9/4/2010	Vanadium	15000	ug/Kg	
SEE09031115JAW1	9/3/2010	Vanadium	15000	ug/Kg	
SEE09031140MHS1	9/3/2010	Vanadium	15000	ug/Kg	
SEE09031645MHS1	9/3/2010	Vanadium	15000	ug/Kg	
SEE09011145PML1	9/1/2010	Vanadium	15000	ug/Kg	
SEE09011255PML1	9/1/2010	Vanadium	15000	ug/Kg	
SEE08311010JRP1	8/31/2010	Vanadium	15000	ug/Kg	
SEE08271500PML1	8/27/2010	Vanadium	14900	ug/kg	
SEE08281505PML1	8/28/2010	Vanadium	14500	ug/kg	
SEE08261620RCM1	8/26/2010	Vanadium	14300	ug/kg	
SEE10171115JDF1	10/17/2010	Vanadium	14000	ug/Kg	
SEE10131150JDF1	10/13/2010	Vanadium	14000	ug/Kg	
SEE10101215PML1	10/10/2010	Vanadium	14000	ug/Kg	
SEE10101215PML1	10/10/2010	Vanadium	14000	ug/Kg	
SEE10091614PML1	10/9/2010	Vanadium	14000	ug/Kg	
SEE10081115PML1	10/8/2010	Vanadium	14000	ug/Kg	
SEE10081231PML1	10/8/2010	Vanadium	14000	ug/Kg	
SEE10040945JDF1	10/4/2010	Vanadium	14000	ug/Kg	
SEE10041138RCM1	10/4/2010	Vanadium	14000	ug/Kg	
SEE10041150JDF1	10/4/2010	Vanadium	14000	ug/Kg	
SEE09291035JDF1	9/29/2010	Vanadium	14000	ug/Kg	
SEE09261625JDF1	9/26/2010	Vanadium	14000	ug/Kg	
SEE09261625JDF1	9/26/2010	Vanadium	14000	ug/Kg	
SEE09231210JDF1	9/23/2010	Vanadium	14000	ug/Kg	
SEE09211530JDF1	9/21/2010	Vanadium	14000	ug/Kg	
SEE09201645ARM1	9/20/2010	Vanadium	14000	ug/Kg	
SEE09181705PML1	9/18/2010	Vanadium	14000	ug/Kg	
SEE09170945PML1	9/17/2010	Vanadium	14000	ug/Kg	
SEE09171445RCM1	9/17/2010	Vanadium	14000	ug/Kg	
SEE09171530PML1	9/17/2010	Vanadium	14000	ug/Kg	

**TABLE B-2b**  
**Upstream Sediment Samples (Morrow Lake)**

Sample ID	Sample Date	Analyte	Result	Unit	Data Qualifier
SEE09130955JRP1	9/13/2010	Vanadium	14000	ug/Kg	J
SEE09131620PML1	9/13/2010	Vanadium	14000	ug/Kg	J
SEE09121105RCM1	9/12/2010	Vanadium	14000	ug/Kg	
SEE09091515PML1	9/9/2010	Vanadium	14000	ug/Kg	
SEE09071050PML1	9/7/2010	Vanadium	14000	ug/Kg	
SEE09061525MHS1	9/6/2010	Vanadium	14000	ug/Kg	
SEE09051130PML1	9/5/2010	Vanadium	14000	ug/Kg	
SEE09051430PML1	9/5/2010	Vanadium	14000	ug/Kg	
SEE09021010PML1	9/2/2010	Vanadium	14000	ug/Kg	
SEE09011635PML1	9/1/2010	Vanadium	14000	ug/Kg	
SEE08301550PML1	8/30/2010	Vanadium	14000	ug/Kg	J
SEE08301638MHS1	8/30/2010	Vanadium	14000	ug/Kg	J
SEE08281215PML1	8/28/2010	Vanadium	14000	ug/kg	
SEE08261420RCM1	8/26/2010	Vanadium	13400	ug/kg	
SEE10141015JDF1	10/14/2010	Vanadium	13000	ug/Kg	
SEE10120930JDF1	10/12/2010	Vanadium	13000	ug/Kg	B
SEE10101010PML1	10/10/2010	Vanadium	13000	ug/Kg	
SEE10051125PML1	10/5/2010	Vanadium	13000	ug/Kg	
SEE10041355ARM1	10/4/2010	Vanadium	13000	ug/Kg	
SEE10041530JDF1	10/4/2010	Vanadium	13000	ug/Kg	
SEE10011120JDF1	10/1/2010	Vanadium	13000	ug/Kg	
SEE09250905RCM1	9/25/2010	Vanadium	13000	ug/Kg	
SEE09200945PML1	9/20/2010	Vanadium	13000	ug/Kg	
SEE09200945PML1	9/20/2010	Vanadium	13000	ug/Kg	
SEE09201115RCM1	9/20/2010	Vanadium	13000	ug/Kg	V
SEE09191530PML1	9/19/2010	Vanadium	13000	ug/Kg	B
SEE09121055PML1	9/12/2010	Vanadium	13000	ug/Kg	
SEE09121055PML1	9/12/2010	Vanadium	13000	ug/Kg	
SEE09081205PML1	9/8/2010	Vanadium	13000	ug/Kg	
SEE09061105PML1	9/6/2010	Vanadium	13000	ug/Kg	
SEE09031100PML1	9/3/2010	Vanadium	13000	ug/Kg	
SEE08311420PML1	8/31/2010	Vanadium	13000	ug/Kg	
SEE08311420PML1	8/31/2010	Vanadium	13000	ug/Kg	
SEE08301145MHS1	8/30/2010	Vanadium	13000	ug/Kg	J
SEE08291421KAP1	8/29/2010	Vanadium	12900	ug/kg	
SEE08291550KAP1	8/29/2010	Vanadium	12700	ug/kg	
SEE10181035JDF1	10/18/2010	Vanadium	12000	ug/Kg	
SEE10121155JDF1	10/12/2010	Vanadium	12000	ug/Kg	B
SEE10051653PML1	10/5/2010	Vanadium	12000	ug/Kg	
SEE10031115JDF1	10/3/2010	Vanadium	12000	ug/Kg	B
SEE10031115JDF1	10/3/2010	Vanadium	12000	ug/Kg	B
SEE09211112RCM1	9/21/2010	Vanadium	12000	ug/Kg	
SEE09151015PML1	9/15/2010	Vanadium	12000	ug/Kg	
SEE09151145PML1	9/15/2010	Vanadium	12000	ug/Kg	
SEE09151145PML1	9/15/2010	Vanadium	12000	ug/Kg	
SEE09111015PML1	9/11/2010	Vanadium	12000	ug/Kg	
SEE09081010PML1	9/8/2010	Vanadium	12000	ug/Kg	
SEE09031650PML1	9/3/2010	Vanadium	12000	ug/Kg	
SEE09031650PML1	9/3/2010	Vanadium	12000	ug/Kg	
SEE08311045PML1	8/31/2010	Vanadium	12000	ug/Kg	
SEE10181210JDF1	10/18/2010	Vanadium	11000	ug/Kg	
SEE10181510JDF1	10/18/2010	Vanadium	11000	ug/Kg	
SEE10181510JDF1	10/18/2010	Vanadium	11000	ug/Kg	
SEE10170915JDF1	10/17/2010	Vanadium	11000	ug/Kg	
SEE10141550JDF1	10/14/2010	Vanadium	11000	ug/Kg	
SEE10141550JDF1	10/14/2010	Vanadium	11000	ug/Kg	
SEE10121030JDF1	10/12/2010	Vanadium	11000	ug/Kg	B
SEE10061205PML1	10/6/2010	Vanadium	11000	ug/Kg	
SEE10061640PML1	10/6/2010	Vanadium	11000	ug/Kg	
SEE10061640PML1	10/6/2010	Vanadium	11000	ug/Kg	

**TABLE B-2b**  
**Upstream Sediment Samples (Morrow Lake)**

Sample ID	Sample Date	Analyte	Result	Unit	Data Qualifier
SEE10041335JDF1	10/4/2010	Vanadium	11000	ug/Kg	
SEE08271652TWH1	8/27/2010	Vanadium	10800	ug/kg	
SEE08271145RCM1	8/27/2010	Vanadium	10500	ug/kg	
SEE10141150JDF1	10/14/2010	Vanadium	10000	ug/Kg	
SEE10011125ARM1	10/1/2010	Vanadium	10000	ug/Kg	
SEE09231205RCM1	9/23/2010	Vanadium	10000	ug/Kg	
SEE09141312RCM1	9/14/2010	Vanadium	10000	ug/Kg	
SEE08301100JRP1	8/30/2010	Vanadium	9800	ug/Kg	J
SEE09291135JDF1	9/29/2010	Vanadium	9300	ug/Kg	
SEE08291110PML1	8/29/2010	Vanadium	9290	ug/kg	
SEE10091200ARM1	10/9/2010	Vanadium	8700	ug/Kg	
SEE08291354KAP1	8/29/2010	Vanadium	8660	ug/kg	
SEE10181030JWP1	10/18/2010	Vanadium	8400	ug/Kg	
SEE10071045ARM1	10/7/2010	Vanadium	8300	ug/Kg	
SEE10171535ARM1	10/17/2010	Vanadium	7300	ug/Kg	
SEE09291645JDF1	9/29/2010	Vanadium	7300	ug/Kg	
SEE08271614TWH1	8/27/2010	Vanadium	7300	ug/kg	
SEF09281139TDF1	9/28/2010	Vanadium	7200	ug/Kg	
SEE09271500ARM1	9/27/2010	Vanadium	7100	ug/Kg	J
SEE09231035ARM1	9/23/2010	Vanadium	7100	ug/Kg	
SEE09061610JAW1	9/6/2010	Vanadium	7100	ug/Kg	
SEE08311348MHS1	8/31/2010	Vanadium	7100	ug/Kg	
SEE10051415ARM1	10/5/2010	Vanadium	7000	ug/Kg	
SEE08271536TWH1	8/27/2010	Vanadium	6970	ug/kg	
SEE09171200ARM1	9/17/2010	Vanadium	6800	ug/Kg	
SEB08281400JLS1	8/28/2010	Vanadium	6740	ug/kg	
SEE10081035ARM1	10/8/2010	Vanadium	6600	ug/Kg	
SEE10071151RCM1	10/7/2010	Vanadium	6600	ug/Kg	
SEE09211120ARM1	9/21/2010	Vanadium	6500	ug/Kg	
SEE09100920JRP1	9/10/2010	Vanadium	6400	ug/Kg	
SEE09201110ARM1	9/20/2010	Vanadium	6200	ug/Kg	
SEE09140945JRP1	9/14/2010	Vanadium	6200	ug/Kg	
SEE10141025ARM1	10/14/2010	Vanadium	6100	ug/Kg	
SEE09301025MAE1	9/30/2010	Vanadium	5900	ug/Kg	
SEE08271445JRP1	8/27/2010	Vanadium	5900	ug/kg	
SEE09100945RCM1	9/10/2010	Vanadium	5700	ug/Kg	
SEE10131035ARM1	10/13/2010	Vanadium	5600	ug/Kg	
SEE08261700JRP1	8/26/2010	Vanadium	5600	ug/Kg	B
SEE09251235ARM1	9/25/2010	Vanadium	5500	ug/Kg	
SEE08281540JRP1	8/28/2010	Vanadium	5320	ug/kg	
SEE10061135ARM1	10/6/2010	Vanadium	5300	ug/Kg	
SEE10051145RCM1	10/5/2010	Vanadium	5200	ug/Kg	
SEE09011515JAW1	9/1/2010	Vanadium	5200	ug/Kg	
SEE08301410JRP1	8/30/2010	Vanadium	5200	ug/Kg	J
SEE08291445PML1	8/29/2010	Vanadium	5170	ug/kg	
SEF10121130PMB3	10/12/2010	Vanadium	5100	ug/Kg	B
SEE09070930JRP1	9/7/2010	Vanadium	5000	ug/Kg	
SEE10041045ARM1	10/4/2010	Vanadium	4900	ug/Kg	
SEE09051500MHS1	9/5/2010	Vanadium	4900	ug/Kg	
SEE09290915MAE1	9/29/2010	Vanadium	4800	ug/Kg	
SEB09011143JLS1	9/1/2010	Vanadium	4800	ug/Kg	
SEE09051500JAW1	9/5/2010	Vanadium	4500	ug/Kg	
SEE09221045ARM1	9/22/2010	Vanadium	4400	ug/Kg	
SEE10011043RCM1	10/1/2010	Vanadium	4300	ug/Kg	
SEE10121040ARM1	10/12/2010	Vanadium	4200	ug/Kg	B
SEE09200911RCM1	9/20/2010	Vanadium	4200	ug/Kg	
SEE09170935RCM1	9/17/2010	Vanadium	4000	ug/Kg	
SEE09080930JRP1	9/8/2010	Vanadium	4000	ug/Kg	
SEF10011045TDF1	10/1/2010	Vanadium	3900	ug/Kg	
SEE09281445RCM1	9/28/2010	Vanadium	3900	ug/Kg	



**TABLE B-2b**  
**Upstream Sediment Samples (Morrow Lake)**

Sample ID	Sample Date	Analyte	Result	Unit	Data Qualifier
SEE09150915JRP1	9/15/2010	Vanadium	3800	ug/Kg	J
SEF10151030PMB3	10/15/2010	Vanadium	3400	ug/Kg	
SEF10081108TDF3	10/8/2010	Vanadium	3400	ug/Kg	
SEF10051206TDF3	10/5/2010	Vanadium	2900	ug/Kg	
SOTF-E-Q-37.08-L01-0.7-1.0	9/9/2010	Vanadium	16	mg/kg	
SOTF-E-Q-37.08-L01-0.0-0.4	9/9/2010	Vanadium	14	mg/kg	
SOTF-E-Q-37.08-L01-0.4-0.7	9/9/2010	Vanadium	12	mg/kg	
SOTF-E-Q-36.97-L02-0.0-0.5	9/9/2010	Vanadium	12	mg/kg	
SOTF-E-Q-37.05-L02-0.0-0.5	9/8/2010	Vanadium	11	mg/kg	
SOTF-E-Q-36.87-L01-0.0-0.5	9/10/2010	Vanadium	11	mg/kg	
SOTF-E-Q-37.15-L01-0.0-0.7	9/8/2010	Vanadium	11	mg/kg	
SOTF-E-Q-36.82-L01-0.0-0.4	9/10/2010	Vanadium	11	mg/kg	
SOTF-E-Q-37.15-L01-0.7-1.4	9/8/2010	Vanadium	11	mg/kg	
SOTF-E-Q-36.82-L01-0.4-0.8	9/10/2010	Vanadium	11	mg/kg	
SOTF-E-Q-37.05-L02-0.5-1.1	9/8/2010	Vanadium	7.8	mg/kg	
SOTF-E-Q-36.87-L01-0.9-1.5	9/10/2010	Vanadium	7.6	mg/kg	
SOTF-E-Q-36.82-L01-0.8-1.3	9/10/2010	Vanadium	7.1	mg/kg	
SOTF-E-Q-36.97-L02-0.5-1.1	9/9/2010	Vanadium	5.6	mg/kg	U
SOTF-E-Q-36.87-L01-0.5-0.9	9/10/2010	Vanadium	4.6	mg/kg	
SEE10211035JDF1	10/21/2010	Vinyl acetate	9300	ug/Kg	
SEE10191515JDF1	10/19/2010	Vinyl acetate	8500	ug/Kg	
SEE10191005JDF1	10/19/2010	Vinyl acetate	8200	ug/Kg	
SEE10211430JDF1	10/21/2010	Vinyl acetate	8100	ug/Kg	
SEE10221110JDF1	10/22/2010	Vinyl acetate	7900	ug/Kg	
SEE10221110JDF1	10/22/2010	Vinyl acetate	7900	ug/Kg	
SEE10191415JDF1	10/19/2010	Vinyl acetate	7600	ug/Kg	
SEE10191155JDF1	10/19/2010	Vinyl acetate	7300	ug/Kg	
SEE10211010JWP1	10/21/2010	Vinyl acetate	7100	ug/Kg	
SEE10191100JDF1	10/19/2010	Vinyl acetate	7100	ug/Kg	
SEE10221055DWS1	10/22/2010	Vinyl acetate	6800	ug/Kg	
SEE10191010JWP1	10/19/2010	Vinyl acetate	6800	ug/Kg	
SEE10221450DWS1	10/22/2010	Vinyl acetate	3700	ug/Kg	
SEE10211345JWP1	10/21/2010	Vinyl acetate	3300	ug/Kg	
SEF10221050MAE3	10/22/2010	Vinyl acetate	2300	ug/Kg	
SEF10191135NAC3	10/19/2010	Vinyl acetate	2200	ug/Kg	
SEE10191115JWP1	10/19/2010	Vinyl acetate	2000	ug/Kg	
SEE10141015JDF1	10/14/2010	Vinyl acetate	280	ug/Kg	
SEE08281607TWH1	8/28/2010	Vinyl acetate	87	ug/kg	
SEE08281505PML1	8/28/2010	Vinyl acetate	73	ug/kg	
SEE08271215PML1	8/27/2010	Vinyl acetate	70	ug/kg	
SEE08281630RCM1	8/28/2010	Vinyl acetate	66	ug/kg	
SEE09200945PML1	9/20/2010	Vinyl acetate	60	ug/Kg	
SEE09200945PML1	9/20/2010	Vinyl acetate	60	ug/Kg	
SEE09201115RCM1	9/20/2010	Vinyl acetate	58	ug/Kg	
SEE08261420RCM1	8/26/2010	Vinyl acetate	55	ug/kg	
SEE08291110PML1	8/29/2010	Vinyl acetate	54	ug/kg	
SEE09201645ARM1	9/20/2010	Vinyl acetate	48	ug/Kg	
SEE10071042RCM1	10/7/2010	Vinyl acetate	45	ug/Kg	
SEE09061500PML1	9/6/2010	Vinyl acetate	45	ug/Kg	
SEE08271500PML1	8/27/2010	Vinyl acetate	45	ug/kg	
SEE08281215PML1	8/28/2010	Vinyl acetate	44	ug/kg	
SEE09301105JDF1	9/30/2010	Vinyl acetate	42	ug/Kg	
SEE09181705PML1	9/18/2010	Vinyl acetate	42	ug/Kg	
SEE08281420TWH1	8/28/2010	Vinyl acetate	42	ug/kg	
SEE09021400PML1	9/2/2010	Vinyl acetate	41	ug/Kg	
SEE08301130PML1	8/30/2010	Vinyl acetate	41	ug/Kg	
SEE10091401PML1	10/9/2010	Vinyl acetate	40	ug/Kg	
SEE08291421KAP1	8/29/2010	Vinyl acetate	40	ug/kg	
SEE08271145RCM1	8/27/2010	Vinyl acetate	40	ug/kg	
SEE10181035JDF1	10/18/2010	Vinyl acetate	39	ug/Kg	

**TABLE B-2b**  
**Upstream Sediment Samples (Morrow Lake)**

Sample ID	Sample Date	Analyte	Result	Unit	Data Qualifier
SEE10051125PML1	10/5/2010	Vinyl acetate	39	ug/Kg	U
SEE08311045PML1	8/31/2010	Vinyl acetate	39	ug/Kg	U
SEE10141555ARM1	10/14/2010	Vinyl acetate	38	ug/Kg	U
SEE09101215PML1	9/10/2010	Vinyl acetate	38	ug/Kg	U
SEE10161530JDF1	10/16/2010	Vinyl acetate	37	ug/Kg	U
SEE10081115PML1	10/8/2010	Vinyl acetate	37	ug/Kg	U
SEE09030925PML1	9/3/2010	Vinyl acetate	37	ug/Kg	U
SEE09031115JAW1	9/3/2010	Vinyl acetate	37	ug/Kg	U
SEE10171410JDF1	10/17/2010	Vinyl acetate	36	ug/Kg	U
SEE09191530PML1	9/19/2010	Vinyl acetate	36	ug/Kg	U
SEE09181235PML1	9/18/2010	Vinyl acetate	36	ug/Kg	U
SEE09141135PML1	9/14/2010	Vinyl acetate	36	ug/Kg	U
SEE09101022PML1	9/10/2010	Vinyl acetate	36	ug/Kg	U
SEE10171115JDF1	10/17/2010	Vinyl acetate	35	ug/Kg	U
SEE08311420PML1	8/31/2010	Vinyl acetate	35	ug/Kg	U
SEE08311420PML1	8/31/2010	Vinyl acetate	35	ug/Kg	U
SEE10041530JDF1	10/4/2010	Vinyl acetate	34	ug/Kg	U
SEE09121105RCM1	9/12/2010	Vinyl acetate	34	ug/Kg	U
SEE09011545PML1	9/1/2010	Vinyl acetate	34	ug/Kg	U
SEE08301550PML1	8/30/2010	Vinyl acetate	34	ug/Kg	U
SEE08281510TWH1	8/28/2010	Vinyl acetate	34	ug/kg	U
SEE10181210JDF1	10/18/2010	Vinyl acetate	33	ug/Kg	U
SEE10181430JWP1	10/18/2010	Vinyl acetate	33	ug/Kg	U
SEE10181510JDF1	10/18/2010	Vinyl acetate	33	ug/Kg	U
SEE10181510JDF1	10/18/2010	Vinyl acetate	33	ug/Kg	U
SEE10131150JDF1	10/13/2010	Vinyl acetate	33	ug/Kg	U
SEE10101010PML1	10/10/2010	Vinyl acetate	33	ug/Kg	U
SEE10101215PML1	10/10/2010	Vinyl acetate	33	ug/Kg	U
SEE10101215PML1	10/10/2010	Vinyl acetate	33	ug/Kg	U
SEE09140945PML1	9/14/2010	Vinyl acetate	33	ug/Kg	U
SEE09061525MHS1	9/6/2010	Vinyl acetate	33	ug/Kg	U
SEE09051130PML1	9/5/2010	Vinyl acetate	33	ug/Kg	U
SEE09031100PML1	9/3/2010	Vinyl acetate	33	ug/Kg	U
SEE09021010PML1	9/2/2010	Vinyl acetate	33	ug/Kg	U
SEE10031115JDF1	10/3/2010	Vinyl acetate	32	ug/Kg	U
SEE10031115JDF1	10/3/2010	Vinyl acetate	32	ug/Kg	U
SEE09301205RCM1	9/30/2010	Vinyl acetate	32	ug/Kg	U
SEE09301255JDF1	9/30/2010	Vinyl acetate	32	ug/Kg	U
SEE09231645JDF1	9/23/2010	Vinyl acetate	32	ug/Kg	U
SEE09141515PML1	9/14/2010	Vinyl acetate	32	ug/Kg	U
SEE09101625PML1	9/10/2010	Vinyl acetate	32	ug/Kg	U
SEE09091005RCM1	9/9/2010	Vinyl acetate	32	ug/Kg	U
SEE09061105PML1	9/6/2010	Vinyl acetate	32	ug/Kg	U
SEE09031650PML1	9/3/2010	Vinyl acetate	32	ug/Kg	U
SEE09031650PML1	9/3/2010	Vinyl acetate	32	ug/Kg	U
SEE10081231PML1	10/8/2010	Vinyl acetate	31	ug/Kg	U
SEE09231210JDF1	9/23/2010	Vinyl acetate	31	ug/Kg	U
SEE09161045PML1	9/16/2010	Vinyl acetate	31	ug/Kg	U
SEE09081205PML1	9/8/2010	Vinyl acetate	31	ug/Kg	U
SEE09071050PML1	9/7/2010	Vinyl acetate	31	ug/Kg	U
SEE08301145MHS1	8/30/2010	Vinyl acetate	31	ug/Kg	U
SEE08291550KAP1	8/29/2010	Vinyl acetate	31	ug/kg	U
SEE10161115ARM1	10/16/2010	Vinyl acetate	30	ug/Kg	U
SEE10120930JDF1	10/12/2010	Vinyl acetate	30	ug/Kg	U
SEE10071101PML1	10/7/2010	Vinyl acetate	30	ug/Kg	U
SEE09261625JDF1	9/26/2010	Vinyl acetate	30	ug/Kg	U
SEE09261625JDF1	9/26/2010	Vinyl acetate	30	ug/Kg	U
SEE09131445RCM1	9/13/2010	Vinyl acetate	30	ug/Kg	U
SEE09121055PML1	9/12/2010	Vinyl acetate	30	ug/Kg	U
SEE09121055PML1	9/12/2010	Vinyl acetate	30	ug/Kg	U

**TABLE B-2b**  
**Upstream Sediment Samples (Morrow Lake)**

Sample ID	Sample Date	Analyte	Result	Unit	Data Qualifier
SEE09121436RCM1	9/12/2010	Vinyl acetate	30	ug/Kg	U
SEE09091410RCM1	9/9/2010	Vinyl acetate	30	ug/Kg	U
SEE09011050PML1	9/1/2010	Vinyl acetate	30	ug/Kg	U
SEE10081051RCM1	10/8/2010	Vinyl acetate	29	ug/Kg	U
SEE10061640PML1	10/6/2010	Vinyl acetate	29	ug/Kg	U
SEE10061640PML1	10/6/2010	Vinyl acetate	29	ug/Kg	U
SEE10051653PML1	10/5/2010	Vinyl acetate	29	ug/Kg	U
SEE09261215JDF1	9/26/2010	Vinyl acetate	29	ug/Kg	U
SEE09231130ARM1	9/23/2010	Vinyl acetate	29	ug/Kg	U
SEE09191040PML1	9/19/2010	Vinyl acetate	29	ug/Kg	U
SEE09131026RCM1	9/13/2010	Vinyl acetate	29	ug/Kg	U
SEE09131505PML1	9/13/2010	Vinyl acetate	29	ug/Kg	U
SEE09040950PML1	9/4/2010	Vinyl acetate	29	ug/Kg	U
SEE10011120JDF1	10/1/2010	Vinyl acetate	28	ug/Kg	U
SEE09211155JDF1	9/21/2010	Vinyl acetate	28	ug/Kg	U
SEE09171415PML1	9/17/2010	Vinyl acetate	28	ug/Kg	U
SEE09151145PML1	9/15/2010	Vinyl acetate	28	ug/Kg	U
SEE09151145PML1	9/15/2010	Vinyl acetate	28	ug/Kg	U
SEE09131620PML1	9/13/2010	Vinyl acetate	28	ug/Kg	U
SEE09121450PML1	9/12/2010	Vinyl acetate	28	ug/Kg	U
SEE09091515PML1	9/9/2010	Vinyl acetate	28	ug/Kg	U
SEE09081010PML1	9/8/2010	Vinyl acetate	28	ug/Kg	U
SEE09081020RCM1	9/8/2010	Vinyl acetate	28	ug/Kg	U
SEE09011255PML1	9/1/2010	Vinyl acetate	28	ug/Kg	U
SEE08301015JRP1	8/30/2010	Vinyl acetate	28	ug/Kg	U
SEE08261620RCM1	8/26/2010	Vinyl acetate	28	ug/kg	U
SEE10091614PML1	10/9/2010	Vinyl acetate	27	ug/Kg	U
SEE10061205PML1	10/6/2010	Vinyl acetate	27	ug/Kg	U
SEE10041150JDF1	10/4/2010	Vinyl acetate	27	ug/Kg	U
SEE09251135JDF1	9/25/2010	Vinyl acetate	27	ug/Kg	U
SEE09221440JDF1	9/22/2010	Vinyl acetate	27	ug/Kg	U
SEE09170839RCM1	9/17/2010	Vinyl acetate	27	ug/Kg	U
SEE09151015PML1	9/15/2010	Vinyl acetate	27	ug/Kg	U
SEE10141150JDF1	10/14/2010	Vinyl acetate	26	ug/Kg	U
SEE10141550JDF1	10/14/2010	Vinyl acetate	26	ug/Kg	U
SEE10141550JDF1	10/14/2010	Vinyl acetate	26	ug/Kg	U
SEE10121155JDF1	10/12/2010	Vinyl acetate	26	ug/Kg	U
SEE09271130JDF1	9/27/2010	Vinyl acetate	26	ug/Kg	U
SEE09131125PML1	9/13/2010	Vinyl acetate	26	ug/Kg	U
SEE09091010PML1	9/9/2010	Vinyl acetate	26	ug/Kg	U
SEE09091145PML1	9/9/2010	Vinyl acetate	26	ug/Kg	U
SEE09091410PML1	9/9/2010	Vinyl acetate	26	ug/Kg	U
SEE09061130MHS1	9/6/2010	Vinyl acetate	26	ug/Kg	U
SEE09011145PML1	9/1/2010	Vinyl acetate	26	ug/Kg	U
SEE08301638MHS1	8/30/2010	Vinyl acetate	26	ug/Kg	U
SEE10151055ARM1	10/15/2010	Vinyl acetate	25	ug/Kg	U
SEE10121415ARM1	10/12/2010	Vinyl acetate	25	ug/Kg	U
SEE10111125JDF1	10/11/2010	Vinyl acetate	25	ug/Kg	U
SEE10031425JDF1	10/3/2010	Vinyl acetate	25	ug/Kg	U
SEE09291035JDF1	9/29/2010	Vinyl acetate	25	ug/Kg	U
SEE09220935RCM1	9/22/2010	Vinyl acetate	25	ug/Kg	U
SEE09111015PML1	9/11/2010	Vinyl acetate	25	ug/Kg	U
SEE09051015PML1	9/5/2010	Vinyl acetate	25	ug/Kg	U
SEE08301445JRP1	8/30/2010	Vinyl acetate	25	ug/Kg	U
SEE10161415JDF1	10/16/2010	Vinyl acetate	24	ug/Kg	U
SEE10040945JDF1	10/4/2010	Vinyl acetate	24	ug/Kg	U
SEE09230955RCM1	9/23/2010	Vinyl acetate	24	ug/Kg	U
SEE09211530JDF1	9/21/2010	Vinyl acetate	24	ug/Kg	U
SEE09170945PML1	9/17/2010	Vinyl acetate	24	ug/Kg	U
SEE09171125PML1	9/17/2010	Vinyl acetate	24	ug/Kg	U

**TABLE B-2b**  
**Upstream Sediment Samples (Morrow Lake)**

Sample ID	Sample Date	Analyte	Result	Unit	Data Qualifier
SEE09130955JRP1	9/13/2010	Vinyl acetate	24	ug/Kg	U
SEE09091605PML1	9/9/2010	Vinyl acetate	24	ug/Kg	U
SEE09041350PML1	9/4/2010	Vinyl acetate	24	ug/Kg	U
SEE10071205PML1	10/7/2010	Vinyl acetate	23	ug/Kg	U
SEE10071540PML1	10/7/2010	Vinyl acetate	23	ug/Kg	U
SEE10041335JDF1	10/4/2010	Vinyl acetate	23	ug/Kg	U
SEE09271025ARM1	9/27/2010	Vinyl acetate	23	ug/Kg	U
SEE09171530PML1	9/17/2010	Vinyl acetate	23	ug/Kg	U
SEE09051430PML1	9/5/2010	Vinyl acetate	23	ug/Kg	U
SEE10150945JDF1	10/15/2010	Vinyl acetate	22	ug/Kg	U
SEE10111011JDF1	10/11/2010	Vinyl acetate	22	ug/Kg	U
SEE10111350JDF1	10/11/2010	Vinyl acetate	22	ug/Kg	U
SEE10061051RCM1	10/6/2010	Vinyl acetate	22	ug/Kg	U
SEE10041355ARM1	10/4/2010	Vinyl acetate	22	ug/Kg	U
SEE09271515JDF1	9/27/2010	Vinyl acetate	22	ug/Kg	U
SEE09221105JDF1	9/22/2010	Vinyl acetate	22	ug/Kg	U
SEE09130940PML1	9/13/2010	Vinyl acetate	22	ug/Kg	U
SEE10121030JDF1	10/12/2010	Vinyl acetate	21	ug/Kg	U
SEE09290925JDF1	9/29/2010	Vinyl acetate	21	ug/Kg	U
SEE09091025JRP1	9/9/2010	Vinyl acetate	21	ug/Kg	U
SEE09011635PML1	9/1/2010	Vinyl acetate	21	ug/Kg	U
SEE08301520JRP1	8/30/2010	Vinyl acetate	21	ug/Kg	U
SEE08291445PML1	8/29/2010	Vinyl acetate	21	ug/kg	U
SEE08261445JRP1	8/26/2010	Vinyl acetate	21	ug/Kg	U
SEE10161055JDF1	10/16/2010	Vinyl acetate	20	ug/Kg	U
SEE10151355ARM1	10/15/2010	Vinyl acetate	20	ug/Kg	U
SEE10071415ARM1	10/7/2010	Vinyl acetate	20	ug/Kg	U
SEE09031140MHS1	9/3/2010	Vinyl acetate	20	ug/Kg	U
SEE10041050JDF1	10/4/2010	Vinyl acetate	19	ug/Kg	U
SEE09301255MAE1	9/30/2010	Vinyl acetate	19	ug/Kg	U
SEE09291645JDF1	9/29/2010	Vinyl acetate	19	ug/Kg	U
SEE09051550MHS1	9/5/2010	Vinyl acetate	19	ug/Kg	U
SEE09031645MHS1	9/3/2010	Vinyl acetate	19	ug/Kg	U
SEE08291354KAP1	8/29/2010	Vinyl acetate	19	ug/kg	U
SEE10041138RCM1	10/4/2010	Vinyl acetate	18	ug/Kg	U
SEE09221615JDF1	9/22/2010	Vinyl acetate	18	ug/Kg	U
SEE09191445RCM1	9/19/2010	Vinyl acetate	18	ug/Kg	U
SEE08311010JRP1	8/31/2010	Vinyl acetate	18	ug/Kg	U
SEE09250905RCM1	9/25/2010	Vinyl acetate	17	ug/Kg	U
SEE09200911RCM1	9/20/2010	Vinyl acetate	17	ug/Kg	U
SEE09090900JRP1	9/9/2010	Vinyl acetate	17	ug/Kg	U
SEE09011545MHS1	9/1/2010	Vinyl acetate	17	ug/Kg	U
SEE10170915JDF1	10/17/2010	Vinyl acetate	16	ug/Kg	U
SEE09291135JDF1	9/29/2010	Vinyl acetate	16	ug/Kg	U
SEE09260930RCM1	9/26/2010	Vinyl acetate	16	ug/Kg	U
SEE08271614TWH1	8/27/2010	Vinyl acetate	16	ug/kg	U
SEE09201110ARM1	9/20/2010	Vinyl acetate	15	ug/Kg	U
SEE08301530JAW1	8/30/2010	Vinyl acetate	15	ug/Kg	U
SEE08271652TWH1	8/27/2010	Vinyl acetate	15	ug/kg	U
SEE10071151RCM1	10/7/2010	Vinyl acetate	14	ug/Kg	U
SEE09211112RCM1	9/21/2010	Vinyl acetate	14	ug/Kg	U
SEE08311348MHS1	8/31/2010	Vinyl acetate	14	ug/Kg	U
SEE08300920JRP1	8/30/2010	Vinyl acetate	14	ug/Kg	U
SEE08271536TWH1	8/27/2010	Vinyl acetate	13	ug/kg	U
SEE10141025ARM1	10/14/2010	Vinyl acetate	12	ug/Kg	U
SEE09130915JRP1	9/13/2010	Vinyl acetate	12	ug/Kg	U
SEE10091200ARM1	10/9/2010	Vinyl acetate	11	ug/Kg	U
SEE09291023RCM1	9/29/2010	Vinyl acetate	11	ug/Kg	U
SEE09171445RCM1	9/17/2010	Vinyl acetate	11	ug/Kg	U
SEE09161035RCM1	9/16/2010	Vinyl acetate	11	ug/Kg	U

**TABLE B-2b**  
**Upstream Sediment Samples (Morrow Lake)**

Sample ID	Sample Date	Analyte	Result	Unit	Data Qualifier
SEE08281540JRP1	8/28/2010	Vinyl acetate	11	ug/kg	U
SEE09141312RCM1	9/14/2010	Vinyl acetate	10	ug/Kg	U
SEB08281400JLS1	8/28/2010	Vinyl acetate	10	ug/kg	U
SEE10051415ARM1	10/5/2010	Vinyl acetate	8.7	ug/Kg	U
SEE09061610JAW1	9/6/2010	Vinyl acetate	8.5	ug/Kg	U
SEE10011125ARM1	10/1/2010	Vinyl acetate	8.2	ug/Kg	U
SEE08261700JRP1	8/26/2010	Vinyl acetate	8.2	ug/Kg	U
SEE09051500MHS1	9/5/2010	Vinyl acetate	8.0	ug/Kg	U
SEE10171535ARM1	10/17/2010	Vinyl acetate	7.9	ug/Kg	U
SEE09231035ARM1	9/23/2010	Vinyl acetate	7.9	ug/Kg	U
SEE09171200ARM1	9/17/2010	Vinyl acetate	7.9	ug/Kg	U
SEE10081035ARM1	10/8/2010	Vinyl acetate	7.6	ug/Kg	U
SEE09100945RCM1	9/10/2010	Vinyl acetate	7.5	ug/Kg	U
SEE09211120ARM1	9/21/2010	Vinyl acetate	7.4	ug/Kg	U
SEB09011143JLS1	9/1/2010	Vinyl acetate	7.1	ug/Kg	U
SEE08301410JRP1	8/30/2010	Vinyl acetate	7.0	ug/Kg	U
SEE09281445RCM1	9/28/2010	Vinyl acetate	6.5	ug/Kg	U
SEE09271500ARM1	9/27/2010	Vinyl acetate	6.2	ug/Kg	U
SEE09170935RCM1	9/17/2010	Vinyl acetate	6.1	ug/Kg	U
SEF10011045TDF1	10/1/2010	Vinyl acetate	6.0	ug/Kg	U
SEE09150915JRP1	9/15/2010	Vinyl acetate	6.0	ug/Kg	U
SEE10011043RCM1	10/1/2010	Vinyl acetate	5.8	ug/Kg	U
SEE09290915MAE1	9/29/2010	Vinyl acetate	5.8	ug/Kg	U
SEE08271445JRP1	8/27/2010	Vinyl acetate	5.7	ug/kg	U
SEE10131035ARM1	10/13/2010	Vinyl acetate	5.5	ug/Kg	U
SEE10071045ARM1	10/7/2010	Vinyl acetate	5.5	ug/Kg	U
SEE10041045ARM1	10/4/2010	Vinyl acetate	5.5	ug/Kg	U
SEF10151030PMB3	10/15/2010	Vinyl acetate	5.4	ug/Kg	U
SEF10081108TDF3	10/8/2010	Vinyl acetate	5.4	ug/Kg	U
SEE09251235ARM1	9/25/2010	Vinyl acetate	5.4	ug/Kg	U
SEF10051206TDF3	10/5/2010	Vinyl acetate	5.3	ug/Kg	U
SEE09140945JRP1	9/14/2010	Vinyl acetate	5.3	ug/Kg	U
SEE09080930JRP1	9/8/2010	Vinyl acetate	5.3	ug/Kg	U
SEE09011515JAW1	9/1/2010	Vinyl acetate	5.3	ug/Kg	U
SEE08301100JRP1	8/30/2010	Vinyl acetate	5.3	ug/Kg	U
SEE10121040ARM1	10/12/2010	Vinyl acetate	5.2	ug/Kg	U
SEF10121130PMB3	10/12/2010	Vinyl acetate	5.2	ug/Kg	U
SEE09221045ARM1	9/22/2010	Vinyl acetate	5.2	ug/Kg	U
SEE09100920JRP1	9/10/2010	Vinyl acetate	5.1	ug/Kg	U
SEE09301025MAE1	9/30/2010	Vinyl acetate	5.0	ug/Kg	U
SEE09051500JAW1	9/5/2010	Vinyl acetate	5.0	ug/Kg	U
SEE10051145RCM1	10/5/2010	Vinyl acetate	4.9	ug/Kg	U
SEE09070930JRP1	9/7/2010	Vinyl acetate	4.9	ug/Kg	U
SEE10061135ARM1	10/6/2010	Vinyl acetate	4.8	ug/Kg	U
SEE10181030JWP1	10/18/2010	Vinyl acetate	4.6	ug/Kg	U
SEF09281139TDF1	9/28/2010	Vinyl acetate	4.3	ug/Kg	U
SEE09231205RCM1	9/23/2010	Vinyl acetate	3.3	ug/Kg	U
SEE10211035JDF1	10/21/2010	Vinyl chloride	1200	ug/Kg	U
SEE10221110JDF1	10/22/2010	Vinyl chloride	1100	ug/Kg	U
SEE10221110JDF1	10/22/2010	Vinyl chloride	1100	ug/Kg	U
SEE10211430JDF1	10/21/2010	Vinyl chloride	1100	ug/Kg	U
SEE10191005JDF1	10/19/2010	Vinyl chloride	1100	ug/Kg	U
SEE10191515JDF1	10/19/2010	Vinyl chloride	1100	ug/Kg	U
SEE10191415JDF1	10/19/2010	Vinyl chloride	1000	ug/Kg	U
SEE10191155JDF1	10/19/2010	Vinyl chloride	970	ug/Kg	U
SEE10191100JDF1	10/19/2010	Vinyl chloride	950	ug/Kg	U
SEE10211010JWP1	10/21/2010	Vinyl chloride	940	ug/Kg	U
SEE10221055DWS1	10/22/2010	Vinyl chloride	910	ug/Kg	U
SEE10191010JWP1	10/19/2010	Vinyl chloride	900	ug/Kg	U
SEE10221450DWS1	10/22/2010	Vinyl chloride	490	ug/Kg	U

**TABLE B-2b**  
**Upstream Sediment Samples (Morrow Lake)**

Sample ID	Sample Date	Analyte	Result	Unit	Data Qualifier
SEE10211345JWP1	10/21/2010	Vinyl chloride	440	ug/Kg	U
SEF10221050MAE3	10/22/2010	Vinyl chloride	310	ug/Kg	U
SEF10191135NAC3	10/19/2010	Vinyl chloride	300	ug/Kg	U
SEE10191115JWP1	10/19/2010	Vinyl chloride	270	ug/Kg	U
SEE09200945PML1	9/20/2010	Vinyl chloride	60	ug/Kg	U
SEE09200945PML1	9/20/2010	Vinyl chloride	60	ug/Kg	U
SEE09201115RCM1	9/20/2010	Vinyl chloride	58	ug/Kg	U
SEE09201645ARM1	9/20/2010	Vinyl chloride	48	ug/Kg	U
SEE10071042RCM1	10/7/2010	Vinyl chloride	45	ug/Kg	U
SEE09061500PML1	9/6/2010	Vinyl chloride	45	ug/Kg	U
SEE08281607TWH1	8/28/2010	Vinyl chloride	44	ug/kg	U
SEE09301105JDF1	9/30/2010	Vinyl chloride	42	ug/Kg	U
SEE09181705PML1	9/18/2010	Vinyl chloride	42	ug/Kg	U
SEE09021400PML1	9/2/2010	Vinyl chloride	41	ug/Kg	U
SEE08301130PML1	8/30/2010	Vinyl chloride	41	ug/Kg	U
SEE10091401PML1	10/9/2010	Vinyl chloride	40	ug/Kg	U
SEE10181035JDF1	10/18/2010	Vinyl chloride	39	ug/Kg	U
SEE10051125PML1	10/5/2010	Vinyl chloride	39	ug/Kg	U
SEE08311045PML1	8/31/2010	Vinyl chloride	39	ug/Kg	U
SEE10141555ARM1	10/14/2010	Vinyl chloride	38	ug/Kg	U
SEE09101215PML1	9/10/2010	Vinyl chloride	38	ug/Kg	U
SEE10161530JDF1	10/16/2010	Vinyl chloride	37	ug/Kg	U
SEE10081115PML1	10/8/2010	Vinyl chloride	37	ug/Kg	U
SEE09030925PML1	9/3/2010	Vinyl chloride	37	ug/Kg	U
SEE09031115JAW1	9/3/2010	Vinyl chloride	37	ug/Kg	U
SEE08281505PML1	8/28/2010	Vinyl chloride	37	ug/kg	U
SEE10171410JDF1	10/17/2010	Vinyl chloride	36	ug/Kg	U
SEE09191530PML1	9/19/2010	Vinyl chloride	36	ug/Kg	U
SEE09181235PML1	9/18/2010	Vinyl chloride	36	ug/Kg	U
SEE09141135PML1	9/14/2010	Vinyl chloride	36	ug/Kg	U
SEE09101022PML1	9/10/2010	Vinyl chloride	36	ug/Kg	U
SEE10171115JDF1	10/17/2010	Vinyl chloride	35	ug/Kg	U
SEE08311420PML1	8/31/2010	Vinyl chloride	35	ug/Kg	U
SEE08311420PML1	8/31/2010	Vinyl chloride	35	ug/Kg	U
SEE08271215PML1	8/27/2010	Vinyl chloride	35	ug/kg	U
SEE10141015JDF1	10/14/2010	Vinyl chloride	34	ug/Kg	U
SEE10041530JDF1	10/4/2010	Vinyl chloride	34	ug/Kg	U
SEE09121105RCM1	9/12/2010	Vinyl chloride	34	ug/Kg	U
SEE09011545PML1	9/1/2010	Vinyl chloride	34	ug/Kg	U
SEE08301550PML1	8/30/2010	Vinyl chloride	34	ug/Kg	U
SEE10181210JDF1	10/18/2010	Vinyl chloride	33	ug/Kg	U
SEE10181430JWP1	10/18/2010	Vinyl chloride	33	ug/Kg	U
SEE10181510JDF1	10/18/2010	Vinyl chloride	33	ug/Kg	U
SEE10181510JDF1	10/18/2010	Vinyl chloride	33	ug/Kg	U
SEE10131150JDF1	10/13/2010	Vinyl chloride	33	ug/Kg	U
SEE10101010PML1	10/10/2010	Vinyl chloride	33	ug/Kg	U
SEE10101215PML1	10/10/2010	Vinyl chloride	33	ug/Kg	U
SEE10101215PML1	10/10/2010	Vinyl chloride	33	ug/Kg	U
SEE09140945PML1	9/14/2010	Vinyl chloride	33	ug/Kg	U
SEE09061525MHS1	9/6/2010	Vinyl chloride	33	ug/Kg	U
SEE09051130PML1	9/5/2010	Vinyl chloride	33	ug/Kg	U
SEE09031100PML1	9/3/2010	Vinyl chloride	33	ug/Kg	U
SEE09021010PML1	9/2/2010	Vinyl chloride	33	ug/Kg	U
SEE08281630RCM1	8/28/2010	Vinyl chloride	33	ug/kg	U
SEE10031115JDF1	10/3/2010	Vinyl chloride	32	ug/Kg	U
SEE10031115JDF1	10/3/2010	Vinyl chloride	32	ug/Kg	U
SEE09301205RCM1	9/30/2010	Vinyl chloride	32	ug/Kg	U
SEE09301255JDF1	9/30/2010	Vinyl chloride	32	ug/Kg	U
SEE09231645JDF1	9/23/2010	Vinyl chloride	32	ug/Kg	U
SEE09141515PML1	9/14/2010	Vinyl chloride	32	ug/Kg	U

**TABLE B-2b**  
**Upstream Sediment Samples (Morrow Lake)**

Sample ID	Sample Date	Analyte	Result	Unit	Data Qualifier
SEE09101625PML1	9/10/2010	Vinyl chloride	32	ug/Kg	U
SEE09091005RCM1	9/9/2010	Vinyl chloride	32	ug/Kg	U
SEE09061105PML1	9/6/2010	Vinyl chloride	32	ug/Kg	U
SEE09031650PML1	9/3/2010	Vinyl chloride	32	ug/Kg	U
SEE09031650PML1	9/3/2010	Vinyl chloride	32	ug/Kg	U
SEE10081231PML1	10/8/2010	Vinyl chloride	31	ug/Kg	U
SEE09231210JDF1	9/23/2010	Vinyl chloride	31	ug/Kg	U
SEE09161045PML1	9/16/2010	Vinyl chloride	31	ug/Kg	U
SEE09081205PML1	9/8/2010	Vinyl chloride	31	ug/Kg	U
SEE09071050PML1	9/7/2010	Vinyl chloride	31	ug/Kg	U
SEE08301145MHS1	8/30/2010	Vinyl chloride	31	ug/Kg	U
SEE10161115ARM1	10/16/2010	Vinyl chloride	30	ug/Kg	U
SEE10120930JDF1	10/12/2010	Vinyl chloride	30	ug/Kg	U
SEE10071101PML1	10/7/2010	Vinyl chloride	30	ug/Kg	U
SEE09261625JDF1	9/26/2010	Vinyl chloride	30	ug/Kg	U
SEE09261625JDF1	9/26/2010	Vinyl chloride	30	ug/Kg	U
SEE09131445RCM1	9/13/2010	Vinyl chloride	30	ug/Kg	U
SEE09121055PML1	9/12/2010	Vinyl chloride	30	ug/Kg	U
SEE09121055PML1	9/12/2010	Vinyl chloride	30	ug/Kg	U
SEE09121436RCM1	9/12/2010	Vinyl chloride	30	ug/Kg	U
SEE09091410RCM1	9/9/2010	Vinyl chloride	30	ug/Kg	U
SEE09011050PML1	9/1/2010	Vinyl chloride	30	ug/Kg	U
SEE10081051RCM1	10/8/2010	Vinyl chloride	29	ug/Kg	U
SEE10061640PML1	10/6/2010	Vinyl chloride	29	ug/Kg	U
SEE10061640PML1	10/6/2010	Vinyl chloride	29	ug/Kg	U
SEE10051653PML1	10/5/2010	Vinyl chloride	29	ug/Kg	U
SEE09261215JDF1	9/26/2010	Vinyl chloride	29	ug/Kg	U
SEE09231130ARM1	9/23/2010	Vinyl chloride	29	ug/Kg	U
SEE09191040PML1	9/19/2010	Vinyl chloride	29	ug/Kg	U
SEE09131026RCM1	9/13/2010	Vinyl chloride	29	ug/Kg	U
SEE09131505PML1	9/13/2010	Vinyl chloride	29	ug/Kg	U
SEE09040950PML1	9/4/2010	Vinyl chloride	29	ug/Kg	U
SEE10011120JDF1	10/1/2010	Vinyl chloride	28	ug/Kg	U
SEE09211155JDF1	9/21/2010	Vinyl chloride	28	ug/Kg	U
SEE09171415PML1	9/17/2010	Vinyl chloride	28	ug/Kg	U
SEE09151145PML1	9/15/2010	Vinyl chloride	28	ug/Kg	U
SEE09151145PML1	9/15/2010	Vinyl chloride	28	ug/Kg	U
SEE09131620PML1	9/13/2010	Vinyl chloride	28	ug/Kg	U
SEE09121450PML1	9/12/2010	Vinyl chloride	28	ug/Kg	U
SEE09091515PML1	9/9/2010	Vinyl chloride	28	ug/Kg	U
SEE09081010PML1	9/8/2010	Vinyl chloride	28	ug/Kg	U
SEE09081020RCM1	9/8/2010	Vinyl chloride	28	ug/Kg	U
SEE09011255PML1	9/1/2010	Vinyl chloride	28	ug/Kg	U
SEE08301015JRP1	8/30/2010	Vinyl chloride	28	ug/Kg	U
SEE08261420RCM1	8/26/2010	Vinyl chloride	28	ug/kg	U
SEE10091614PML1	10/9/2010	Vinyl chloride	27	ug/Kg	U
SEE10061205PML1	10/6/2010	Vinyl chloride	27	ug/Kg	U
SEE10041150JDF1	10/4/2010	Vinyl chloride	27	ug/Kg	U
SEE09251135JDF1	9/25/2010	Vinyl chloride	27	ug/Kg	U
SEE09221440JDF1	9/22/2010	Vinyl chloride	27	ug/Kg	U
SEE09170839RCM1	9/17/2010	Vinyl chloride	27	ug/Kg	U
SEE09151015PML1	9/15/2010	Vinyl chloride	27	ug/Kg	U
SEE08291110PML1	8/29/2010	Vinyl chloride	27	ug/kg	U
SEE10141150JDF1	10/14/2010	Vinyl chloride	26	ug/Kg	U
SEE10141550JDF1	10/14/2010	Vinyl chloride	26	ug/Kg	U
SEE10141550JDF1	10/14/2010	Vinyl chloride	26	ug/Kg	U
SEE10121155JDF1	10/12/2010	Vinyl chloride	26	ug/Kg	U
SEE09271130JDF1	9/27/2010	Vinyl chloride	26	ug/Kg	U
SEE09131125PML1	9/13/2010	Vinyl chloride	26	ug/Kg	U
SEE09091010PML1	9/9/2010	Vinyl chloride	26	ug/Kg	U

**TABLE B-2b**  
**Upstream Sediment Samples (Morrow Lake)**

Sample ID	Sample Date	Analyte	Result	Unit	Data Qualifier
SEE09091145PML1	9/9/2010	Vinyl chloride	26	ug/Kg	U
SEE09091410PML1	9/9/2010	Vinyl chloride	26	ug/Kg	U
SEE09061130MHS1	9/6/2010	Vinyl chloride	26	ug/Kg	U
SEE09011145PML1	9/1/2010	Vinyl chloride	26	ug/Kg	U
SEE08301638MHS1	8/30/2010	Vinyl chloride	26	ug/Kg	U
SEE10151055ARM1	10/15/2010	Vinyl chloride	25	ug/Kg	U
SEE10121415ARM1	10/12/2010	Vinyl chloride	25	ug/Kg	U
SEE10111125JDF1	10/11/2010	Vinyl chloride	25	ug/Kg	U
SEE10031425JDF1	10/3/2010	Vinyl chloride	25	ug/Kg	U
SEE09291035JDF1	9/29/2010	Vinyl chloride	25	ug/Kg	U
SEE09220935RCM1	9/22/2010	Vinyl chloride	25	ug/Kg	U
SEE09111015PML1	9/11/2010	Vinyl chloride	25	ug/Kg	U
SEE09051015PML1	9/5/2010	Vinyl chloride	25	ug/Kg	U
SEE08301445JRP1	8/30/2010	Vinyl chloride	25	ug/Kg	U
SEE10161415JDF1	10/16/2010	Vinyl chloride	24	ug/Kg	U
SEE10040945JDF1	10/4/2010	Vinyl chloride	24	ug/Kg	U
SEE09230955RCM1	9/23/2010	Vinyl chloride	24	ug/Kg	U
SEE09211530JDF1	9/21/2010	Vinyl chloride	24	ug/Kg	U
SEE09170945PML1	9/17/2010	Vinyl chloride	24	ug/Kg	U
SEE09171125PML1	9/17/2010	Vinyl chloride	24	ug/Kg	U
SEE09130955JRP1	9/13/2010	Vinyl chloride	24	ug/Kg	U
SEE09091605PML1	9/9/2010	Vinyl chloride	24	ug/Kg	U
SEE09041350PML1	9/4/2010	Vinyl chloride	24	ug/Kg	U
SEE10071205PML1	10/7/2010	Vinyl chloride	23	ug/Kg	U
SEE10071540PML1	10/7/2010	Vinyl chloride	23	ug/Kg	U
SEE10041335JDF1	10/4/2010	Vinyl chloride	23	ug/Kg	U
SEE09271025ARM1	9/27/2010	Vinyl chloride	23	ug/Kg	U
SEE09171530PML1	9/17/2010	Vinyl chloride	23	ug/Kg	U
SEE09051430PML1	9/5/2010	Vinyl chloride	23	ug/Kg	U
SEE08271500PML1	8/27/2010	Vinyl chloride	23	ug/kg	U
SEE10150945JDF1	10/15/2010	Vinyl chloride	22	ug/Kg	U
SEE10111011JDF1	10/11/2010	Vinyl chloride	22	ug/Kg	U
SEE10111350JDF1	10/11/2010	Vinyl chloride	22	ug/Kg	U
SEE10061051RCM1	10/6/2010	Vinyl chloride	22	ug/Kg	U
SEE10041355ARM1	10/4/2010	Vinyl chloride	22	ug/Kg	U
SEE09271515JDF1	9/27/2010	Vinyl chloride	22	ug/Kg	U
SEE09221105JDF1	9/22/2010	Vinyl chloride	22	ug/Kg	U
SEE09130940PML1	9/13/2010	Vinyl chloride	22	ug/Kg	U
SEE08281215PML1	8/28/2010	Vinyl chloride	22	ug/kg	U
SEE10121030JDF1	10/12/2010	Vinyl chloride	21	ug/Kg	U
SEE09290925JDF1	9/29/2010	Vinyl chloride	21	ug/Kg	U
SEE09091025JRP1	9/9/2010	Vinyl chloride	21	ug/Kg	U
SEE09011635PML1	9/1/2010	Vinyl chloride	21	ug/Kg	U
SEE08301520JRP1	8/30/2010	Vinyl chloride	21	ug/Kg	U
SEE08281420TWH1	8/28/2010	Vinyl chloride	21	ug/kg	U
SEE08261445JRP1	8/26/2010	Vinyl chloride	21	ug/Kg	U
SEE10161055JDF1	10/16/2010	Vinyl chloride	20	ug/Kg	U
SEE10151355ARM1	10/15/2010	Vinyl chloride	20	ug/Kg	U
SEE10071415ARM1	10/7/2010	Vinyl chloride	20	ug/Kg	U
SEE09031140MHS1	9/3/2010	Vinyl chloride	20	ug/Kg	U
SEE08291421KAP1	8/29/2010	Vinyl chloride	20	ug/kg	U
SEE08271145RCM1	8/27/2010	Vinyl chloride	20	ug/kg	U
SEE10041050JDF1	10/4/2010	Vinyl chloride	19	ug/Kg	U
SEE09301255MAE1	9/30/2010	Vinyl chloride	19	ug/Kg	U
SEE09291645JDF1	9/29/2010	Vinyl chloride	19	ug/Kg	U
SEE09051550MHS1	9/5/2010	Vinyl chloride	19	ug/Kg	U
SEE09031645MHS1	9/3/2010	Vinyl chloride	19	ug/Kg	U
SEE10041138RCM1	10/4/2010	Vinyl chloride	18	ug/Kg	U
SEE09221615JDF1	9/22/2010	Vinyl chloride	18	ug/Kg	U
SEE09191445RCM1	9/19/2010	Vinyl chloride	18	ug/Kg	U



**TABLE B-2b**  
**Upstream Sediment Samples (Morrow Lake)**

Sample ID	Sample Date	Analyte	Result	Unit	Data Qualifier
SEE08311010JRP1	8/31/2010	Vinyl chloride	18	ug/Kg	U
SEE09250905RCM1	9/25/2010	Vinyl chloride	17	ug/Kg	U
SEE09200911RCM1	9/20/2010	Vinyl chloride	17	ug/Kg	U
SEE09090900JRP1	9/9/2010	Vinyl chloride	17	ug/Kg	U
SEE09011545MHS1	9/1/2010	Vinyl chloride	17	ug/Kg	U
SEE08281510TWH1	8/28/2010	Vinyl chloride	17	ug/kg	U
SEE10170915JDF1	10/17/2010	Vinyl chloride	16	ug/Kg	U
SEE09291135JDF1	9/29/2010	Vinyl chloride	16	ug/Kg	U
SEE09260930RCM1	9/26/2010	Vinyl chloride	16	ug/Kg	U
SEE09201110ARM1	9/20/2010	Vinyl chloride	15	ug/Kg	U
SEE08301530JAW1	8/30/2010	Vinyl chloride	15	ug/Kg	U
SEE08291550KAP1	8/29/2010	Vinyl chloride	15	ug/kg	U
SEE10071151RCM1	10/7/2010	Vinyl chloride	14	ug/Kg	U
SEE09211112RCM1	9/21/2010	Vinyl chloride	14	ug/Kg	U
SEE08311348MHS1	8/31/2010	Vinyl chloride	14	ug/Kg	U
SEE08300920JRP1	8/30/2010	Vinyl chloride	14	ug/Kg	U
SEE08261620RCM1	8/26/2010	Vinyl chloride	14	ug/kg	U
SEE10141025ARM1	10/14/2010	Vinyl chloride	12	ug/Kg	U
SEE09130915JRP1	9/13/2010	Vinyl chloride	12	ug/Kg	U
SEE10091200ARM1	10/9/2010	Vinyl chloride	11	ug/Kg	U
SEE09291023RCM1	9/29/2010	Vinyl chloride	11	ug/Kg	U
SEE09171445RCM1	9/17/2010	Vinyl chloride	11	ug/Kg	U
SEE09161035RCM1	9/16/2010	Vinyl chloride	11	ug/Kg	U
SEE09141312RCM1	9/14/2010	Vinyl chloride	10	ug/Kg	U
SEE08291445PML1	8/29/2010	Vinyl chloride	10	ug/kg	U
SEE08291354KAP1	8/29/2010	Vinyl chloride	9.3	ug/kg	U
SEE10051415ARM1	10/5/2010	Vinyl chloride	8.7	ug/Kg	U
SEE09061610JAW1	9/6/2010	Vinyl chloride	8.5	ug/Kg	U
SEE10011125ARM1	10/1/2010	Vinyl chloride	8.2	ug/Kg	U
SEE08261700JRP1	8/26/2010	Vinyl chloride	8.2	ug/Kg	U
SEE09051500MHS1	9/5/2010	Vinyl chloride	8.0	ug/Kg	U
SEE10171535ARM1	10/17/2010	Vinyl chloride	7.9	ug/Kg	U
SEE09231035ARM1	9/23/2010	Vinyl chloride	7.9	ug/Kg	U
SEE09171200ARM1	9/17/2010	Vinyl chloride	7.9	ug/Kg	U
SEE08271614TWH1	8/27/2010	Vinyl chloride	7.8	ug/kg	U
SEE10081035ARM1	10/8/2010	Vinyl chloride	7.6	ug/Kg	U
SEE08271652TWH1	8/27/2010	Vinyl chloride	7.6	ug/kg	U
SEE09100945RCM1	9/10/2010	Vinyl chloride	7.5	ug/Kg	U
SEE09211120ARM1	9/21/2010	Vinyl chloride	7.4	ug/Kg	U
SEB09011143JLS1	9/1/2010	Vinyl chloride	7.1	ug/Kg	U
SEE08301410JRP1	8/30/2010	Vinyl chloride	7.0	ug/Kg	U
SEE09281445RCM1	9/28/2010	Vinyl chloride	6.5	ug/Kg	U
SEE08271536TWH1	8/27/2010	Vinyl chloride	6.3	ug/kg	U
SEE09271500ARM1	9/27/2010	Vinyl chloride	6.2	ug/Kg	U
SEE09170935RCM1	9/17/2010	Vinyl chloride	6.1	ug/Kg	U
SEF10011045TDF1	10/1/2010	Vinyl chloride	6.0	ug/Kg	U
SEE09150915JRP1	9/15/2010	Vinyl chloride	6.0	ug/Kg	U
SEE10011043RCM1	10/1/2010	Vinyl chloride	5.8	ug/Kg	U
SEE09290915MAE1	9/29/2010	Vinyl chloride	5.8	ug/Kg	U
SEE10131035ARM1	10/13/2010	Vinyl chloride	5.5	ug/Kg	U
SEE10071045ARM1	10/7/2010	Vinyl chloride	5.5	ug/Kg	U
SEE10041045ARM1	10/4/2010	Vinyl chloride	5.5	ug/Kg	U
SEF10151030PMB3	10/15/2010	Vinyl chloride	5.4	ug/Kg	U
SEF10081108TDF3	10/8/2010	Vinyl chloride	5.4	ug/Kg	U
SEE09251235ARM1	9/25/2010	Vinyl chloride	5.4	ug/Kg	U
SEE08281540JRP1	8/28/2010	Vinyl chloride	5.4	ug/kg	U
SEF10051206TDF3	10/5/2010	Vinyl chloride	5.3	ug/Kg	U
SEE09140945JRP1	9/14/2010	Vinyl chloride	5.3	ug/Kg	U
SEE09080930JRP1	9/8/2010	Vinyl chloride	5.3	ug/Kg	U
SEE09011515JAW1	9/1/2010	Vinyl chloride	5.3	ug/Kg	U

**TABLE B-2b**  
**Upstream Sediment Samples (Morrow Lake)**

Sample ID	Sample Date	Analyte	Result	Unit	Data Qualifier
SEE08301100JRP1	8/30/2010	Vinyl chloride	5.3	ug/Kg	U
SEE10121040ARM1	10/12/2010	Vinyl chloride	5.2	ug/Kg	U
SEF10121130PMB3	10/12/2010	Vinyl chloride	5.2	ug/Kg	U
SEE09221045ARM1	9/22/2010	Vinyl chloride	5.2	ug/Kg	U
SEE09100920JRP1	9/10/2010	Vinyl chloride	5.1	ug/Kg	U
SEB08281400JLS1	8/28/2010	Vinyl chloride	5.1	ug/kg	U
SEE09301025MAE1	9/30/2010	Vinyl chloride	5.0	ug/Kg	U
SEE09051500JAW1	9/5/2010	Vinyl chloride	5.0	ug/Kg	U
SEE10051145RCM1	10/5/2010	Vinyl chloride	4.9	ug/Kg	U
SEE09070930JRP1	9/7/2010	Vinyl chloride	4.9	ug/Kg	U
SEE10061135ARM1	10/6/2010	Vinyl chloride	4.8	ug/Kg	U
SEE10181030JWP1	10/18/2010	Vinyl chloride	4.6	ug/Kg	U
SEF09281139TDF1	9/28/2010	Vinyl chloride	4.3	ug/Kg	U
SEE09231205RCM1	9/23/2010	Vinyl chloride	3.3	ug/Kg	U
SEE08271445JRP1	8/27/2010	Vinyl chloride	2.8	ug/kg	U
ML-07-S-082510	8/25/2010	Vinyl chloride	0.73	mg/Kg	U
ML-03-S-082510	8/25/2010	Vinyl chloride	0.43	mg/Kg	U
ML-06-S-082510	8/25/2010	Vinyl chloride	0.42	mg/Kg	U
ML-07-S-082410	8/24/2010	Vinyl chloride	0.41	mg/Kg	UJ
ML-06-S-082010	8/20/2010	Vinyl chloride	0.38	mg/Kg	U
ML-08-S-082510	8/25/2010	Vinyl chloride	0.37	mg/Kg	U
ML-08-S-082410	8/24/2010	Vinyl chloride	0.37	mg/Kg	UJ
ML-06-S-082310	8/23/2010	Vinyl chloride	0.37	mg/Kg	U
ML-07-S-082110	8/21/2010	Vinyl chloride	0.37	mg/Kg	U
ML-08-S-082110	8/21/2010	Vinyl chloride	0.37	mg/Kg	U
ML-10-S-082110	8/21/2010	Vinyl chloride	0.37	mg/Kg	U
ML-10-S-082110	8/21/2010	Vinyl chloride	0.37	mg/Kg	U
ML-10-S-081910	8/19/2010	Vinyl chloride	0.37	mg/Kg	U
ML-10-S-081910	8/19/2010	Vinyl chloride	0.37	mg/Kg	U
ML-07-S-081810	8/18/2010	Vinyl chloride	0.37	mg/Kg	UJ
ML-09-S-081810	8/18/2010	Vinyl chloride	0.37	mg/Kg	UJ
ML-10-S-082410	8/24/2010	Vinyl chloride	0.36	mg/Kg	UJ
ML-10-S-082410	8/24/2010	Vinyl chloride	0.36	mg/Kg	UJ
ML-01-S-081610	8/16/2010	Vinyl chloride	0.35	mg/Kg	U
ML-10-S-081610	8/16/2010	Vinyl chloride	0.35	mg/Kg	U
ML-10-S-081610	8/16/2010	Vinyl chloride	0.35	mg/Kg	U
ML-04-S-082410	8/24/2010	Vinyl chloride	0.34	mg/Kg	UJ
ML-03-S-082310	8/23/2010	Vinyl chloride	0.34	mg/Kg	U
ML-10-S-082110-D	8/21/2010	Vinyl chloride	0.34	mg/Kg	U
ML-10-S-082110-D	8/21/2010	Vinyl chloride	0.34	mg/Kg	U
ML-07-S-081610	8/16/2010	Vinyl chloride	0.34	mg/Kg	U
ML-08-S-081610-D	8/16/2010	Vinyl chloride	0.34	mg/Kg	U
ML-04-S-082610	8/26/2010	Vinyl chloride	0.33	mg/Kg	U
ML-05-S-082310	8/23/2010	Vinyl chloride	0.33	mg/Kg	U
ML-05-S-082010	8/20/2010	Vinyl chloride	0.33	mg/Kg	U
ML-10-S-082610	8/26/2010	Vinyl chloride	0.32	mg/Kg	U
ML-10-S-082610	8/26/2010	Vinyl chloride	0.32	mg/Kg	U
ML-06-S-081710	8/17/2010	Vinyl chloride	0.32	mg/Kg	U
ML-08-S-081610	8/16/2010	Vinyl chloride	0.32	mg/Kg	U
ML-01-S-082510	8/25/2010	Vinyl chloride	0.31	mg/Kg	U
ML-09-S-082510	8/25/2010	Vinyl chloride	0.31	mg/Kg	U
ML-09-S-082410	8/24/2010	Vinyl chloride	0.31	mg/Kg	UJ
ML-02-S-081710	8/17/2010	Vinyl chloride	0.31	mg/Kg	U
ML-02-S-082510	8/25/2010	Vinyl chloride	0.28	mg/Kg	U
ML-09-S-082110	8/21/2010	Vinyl chloride	0.28	mg/Kg	U
ML-01-S-082110	8/21/2010	Vinyl chloride	0.27	mg/Kg	U
ML-04-S-081710	8/17/2010	Vinyl chloride	0.27	mg/Kg	U
ML-05-S-081710	8/17/2010	Vinyl chloride	0.27	mg/Kg	U
ML-02-S-082310	8/23/2010	Vinyl chloride	0.25	mg/Kg	U
ML-04-S-082010	8/20/2010	Vinyl chloride	0.25	mg/Kg	U

**TABLE B-2b**  
**Upstream Sediment Samples (Morrow Lake)**

Sample ID	Sample Date	Analyte	Result	Unit	Data Qualifier
ML-01-S-081910	8/19/2010	Vinyl chloride	0.25	mg/Kg	U
ML-02-S-082010	8/20/2010	Vinyl chloride	0.22	mg/Kg	U
ML-03-S-081610	8/16/2010	Vinyl chloride	0.22	mg/Kg	U
ML-03-S-082010	8/20/2010	Vinyl chloride	0.19	mg/Kg	U
ML-05-S-082610	8/26/2010	Vinyl chloride	0.17	mg/Kg	U
SEE10211035JDF1	10/21/2010	Xylenes (total)	1900	ug/Kg	U
SEE10191515JDF1	10/19/2010	Xylenes (total)	1700	ug/Kg	U
SEE10221110JDF1	10/22/2010	Xylenes (total)	1600	ug/Kg	U
SEE10221110JDF1	10/22/2010	Xylenes (total)	1600	ug/Kg	U
SEE10211430JDF1	10/21/2010	Xylenes (total)	1600	ug/Kg	U
SEE10191005JDF1	10/19/2010	Xylenes (total)	1600	ug/Kg	U
SEE10191155JDF1	10/19/2010	Xylenes (total)	1500	ug/Kg	U
SEE10191415JDF1	10/19/2010	Xylenes (total)	1500	ug/Kg	U
SEE10211010JWP1	10/21/2010	Xylenes (total)	1400	ug/Kg	U
SEE10191010JWP1	10/19/2010	Xylenes (total)	1400	ug/Kg	U
SEE10191100JDF1	10/19/2010	Xylenes (total)	1400	ug/Kg	U
SEE10211345JWP1	10/21/2010	Xylenes (total)	660	ug/Kg	U
SEF10191135NAC3	10/19/2010	Xylenes (total)	450	ug/Kg	U
SEE10191115JWP1	10/19/2010	Xylenes (total)	400	ug/Kg	U
SEE10221055DWS1	10/22/2010	Xylenes (total)	220	ug/Kg	J
SEE10221450DWS1	10/22/2010	Xylenes (total)	190	ug/Kg	J
SEE10141015JDF1	10/14/2010	Xylenes (total)	140	ug/Kg	U
SEE09200945PML1	9/20/2010	Xylenes (total)	120	ug/Kg	U
SEE09200945PML1	9/20/2010	Xylenes (total)	120	ug/Kg	U
SEE09201115RCM1	9/20/2010	Xylenes (total)	120	ug/Kg	U
SEE09201645ARM1	9/20/2010	Xylenes (total)	97	ug/Kg	U
SEE10071042RCM1	10/7/2010	Xylenes (total)	91	ug/Kg	UJ
SEE09061500PML1	9/6/2010	Xylenes (total)	90	ug/Kg	U
SEE08281607TWH1	8/28/2010	Xylenes (total)	87	ug/kg	U
SEE09301105JDF1	9/30/2010	Xylenes (total)	84	ug/Kg	U
SEE09181705PML1	9/18/2010	Xylenes (total)	84	ug/Kg	U
SEE09021400PML1	9/2/2010	Xylenes (total)	81	ug/Kg	U
SEE08301130PML1	8/30/2010	Xylenes (total)	81	ug/Kg	U
SEF10221050MAE3	10/22/2010	Xylenes (total)	80	ug/Kg	J
SEE10091401PML1	10/9/2010	Xylenes (total)	79	ug/Kg	U
SEE10181035JDF1	10/18/2010	Xylenes (total)	78	ug/Kg	U
SEE10051125PML1	10/5/2010	Xylenes (total)	77	ug/Kg	UJ
SEE08311045PML1	8/31/2010	Xylenes (total)	77	ug/Kg	U
SEE10141555ARM1	10/14/2010	Xylenes (total)	76	ug/Kg	U
SEE09101215PML1	9/10/2010	Xylenes (total)	76	ug/Kg	U
SEE10161530JDF1	10/16/2010	Xylenes (total)	74	ug/Kg	U
SEE10081115PML1	10/8/2010	Xylenes (total)	74	ug/Kg	U
SEE09030925PML1	9/3/2010	Xylenes (total)	74	ug/Kg	UJ
SEE09031115JAW1	9/3/2010	Xylenes (total)	74	ug/Kg	UJ
SEE10171410JDF1	10/17/2010	Xylenes (total)	73	ug/Kg	U
SEE09181235PML1	9/18/2010	Xylenes (total)	73	ug/Kg	U
SEE09101022PML1	9/10/2010	Xylenes (total)	73	ug/Kg	U
SEE08281505PML1	8/28/2010	Xylenes (total)	73	ug/kg	U
SEE09191530PML1	9/19/2010	Xylenes (total)	72	ug/Kg	U
SEE09141135PML1	9/14/2010	Xylenes (total)	71	ug/Kg	U
SEE10171115JDF1	10/17/2010	Xylenes (total)	70	ug/Kg	U
SEE08311420PML1	8/31/2010	Xylenes (total)	70	ug/Kg	U
SEE08311420PML1	8/31/2010	Xylenes (total)	70	ug/Kg	U
SEE08271215PML1	8/27/2010	Xylenes (total)	70	ug/kg	U
SEE09011545PML1	9/1/2010	Xylenes (total)	69	ug/Kg	U
SEE08301550PML1	8/30/2010	Xylenes (total)	69	ug/Kg	U
SEE10041530JDF1	10/4/2010	Xylenes (total)	68	ug/Kg	UJ
SEE10181430JWP1	10/18/2010	Xylenes (total)	67	ug/Kg	U
SEE10131150JDF1	10/13/2010	Xylenes (total)	67	ug/Kg	U
SEE09121105RCM1	9/12/2010	Xylenes (total)	67	ug/Kg	U

**TABLE B-2b**  
**Upstream Sediment Samples (Morrow Lake)**

Sample ID	Sample Date	Analyte	Result	Unit	Data Qualifier
SEE09031100PML1	9/3/2010	Xylenes (total)	67	ug/Kg	UJ
SEE10181510JDF1	10/18/2010	Xylenes (total)	66	ug/Kg	U
SEE10181510JDF1	10/18/2010	Xylenes (total)	66	ug/Kg	U
SEE10101010PML1	10/10/2010	Xylenes (total)	66	ug/Kg	U
SEE10101215PML1	10/10/2010	Xylenes (total)	66	ug/Kg	U
SEE10101215PML1	10/10/2010	Xylenes (total)	66	ug/Kg	U
SEE09140945PML1	9/14/2010	Xylenes (total)	66	ug/Kg	U
SEE09061525MHS1	9/6/2010	Xylenes (total)	66	ug/Kg	U
SEE09021010PML1	9/2/2010	Xylenes (total)	66	ug/Kg	U
SEE08281630RCM1	8/28/2010	Xylenes (total)	66	ug/kg	U
SEE10181210JDF1	10/18/2010	Xylenes (total)	65	ug/Kg	U
SEE09301255JDF1	9/30/2010	Xylenes (total)	65	ug/Kg	U
SEE09051130PML1	9/5/2010	Xylenes (total)	65	ug/Kg	U
SEE09301205RCM1	9/30/2010	Xylenes (total)	64	ug/Kg	U
SEE09141515PML1	9/14/2010	Xylenes (total)	64	ug/Kg	U
SEE09091005RCM1	9/9/2010	Xylenes (total)	64	ug/Kg	U
SEE09061105PML1	9/6/2010	Xylenes (total)	64	ug/Kg	U
SEE09031650PML1	9/3/2010	Xylenes (total)	64	ug/Kg	UJ
SEE09031650PML1	9/3/2010	Xylenes (total)	64	ug/Kg	UJ
SEE10031115JDF1	10/3/2010	Xylenes (total)	63	ug/Kg	U
SEE10031115JDF1	10/3/2010	Xylenes (total)	63	ug/Kg	U
SEE09231645JDF1	9/23/2010	Xylenes (total)	63	ug/Kg	U
SEE09101625PML1	9/10/2010	Xylenes (total)	63	ug/Kg	U
SEE09081205PML1	9/8/2010	Xylenes (total)	63	ug/Kg	U
SEE08301145MHS1	8/30/2010	Xylenes (total)	63	ug/Kg	U
SEE09231210JDF1	9/23/2010	Xylenes (total)	62	ug/Kg	U
SEE09071050PML1	9/7/2010	Xylenes (total)	62	ug/Kg	U
SEE10081231PML1	10/8/2010	Xylenes (total)	61	ug/Kg	U
SEE09161045PML1	9/16/2010	Xylenes (total)	61	ug/Kg	U
SEE09131445RCM1	9/13/2010	Xylenes (total)	61	ug/Kg	U
SEE10161115ARM1	10/16/2010	Xylenes (total)	60	ug/Kg	U
SEE10120930JDF1	10/12/2010	Xylenes (total)	60	ug/Kg	U
SEE10071101PML1	10/7/2010	Xylenes (total)	60	ug/Kg	UJ
SEE09121055PML1	9/12/2010	Xylenes (total)	60	ug/Kg	U
SEE09121055PML1	9/12/2010	Xylenes (total)	60	ug/Kg	U
SEE09091410RCM1	9/9/2010	Xylenes (total)	60	ug/Kg	U
SEE09011050PML1	9/1/2010	Xylenes (total)	60	ug/Kg	U
SEE09261625JDF1	9/26/2010	Xylenes (total)	59	ug/Kg	U
SEE09261625JDF1	9/26/2010	Xylenes (total)	59	ug/Kg	U
SEE09191040PML1	9/19/2010	Xylenes (total)	59	ug/Kg	U
SEE09121436RCM1	9/12/2010	Xylenes (total)	59	ug/Kg	U
SEE09040950PML1	9/4/2010	Xylenes (total)	59	ug/Kg	U
SEE10061640PML1	10/6/2010	Xylenes (total)	58	ug/Kg	U
SEE10061640PML1	10/6/2010	Xylenes (total)	58	ug/Kg	U
SEE10051653PML1	10/5/2010	Xylenes (total)	58	ug/Kg	UJ
SEE09231130ARM1	9/23/2010	Xylenes (total)	58	ug/Kg	U
SEE09131026RCM1	9/13/2010	Xylenes (total)	58	ug/Kg	U
SEE09131505PML1	9/13/2010	Xylenes (total)	58	ug/Kg	U
SEE10081051RCM1	10/8/2010	Xylenes (total)	57	ug/Kg	U
SEE09261215JDF1	9/26/2010	Xylenes (total)	57	ug/Kg	U
SEE09011255PML1	9/1/2010	Xylenes (total)	57	ug/Kg	U
SEE08301015JRP1	8/30/2010	Xylenes (total)	57	ug/Kg	U
SEE09151145PML1	9/15/2010	Xylenes (total)	56	ug/Kg	U
SEE09151145PML1	9/15/2010	Xylenes (total)	56	ug/Kg	U
SEE09131620PML1	9/13/2010	Xylenes (total)	56	ug/Kg	U
SEE09121450PML1	9/12/2010	Xylenes (total)	56	ug/Kg	U
SEE09081020RCM1	9/8/2010	Xylenes (total)	56	ug/Kg	U
SEE10011120JDF1	10/1/2010	Xylenes (total)	55	ug/Kg	U
SEE09251135JDF1	9/25/2010	Xylenes (total)	55	ug/Kg	U
SEE09211155JDF1	9/21/2010	Xylenes (total)	55	ug/Kg	U

**TABLE B-2b**  
**Upstream Sediment Samples (Morrow Lake)**

Sample ID	Sample Date	Analyte	Result	Unit	Data Qualifier
SEE09171415PML1	9/17/2010	Xylenes (total)	55	ug/Kg	U
SEE09151015PML1	9/15/2010	Xylenes (total)	55	ug/Kg	U
SEE09091515PML1	9/9/2010	Xylenes (total)	55	ug/Kg	U
SEE09081010PML1	9/8/2010	Xylenes (total)	55	ug/Kg	U
SEE08261420RCM1	8/26/2010	Xylenes (total)	55	ug/kg	U
SEE10091614PML1	10/9/2010	Xylenes (total)	54	ug/Kg	U
SEE10061205PML1	10/6/2010	Xylenes (total)	54	ug/Kg	U
SEE10041150JDF1	10/4/2010	Xylenes (total)	54	ug/Kg	UJ
SEE09221440JDF1	9/22/2010	Xylenes (total)	54	ug/Kg	U
SEE09170839RCM1	9/17/2010	Xylenes (total)	54	ug/Kg	U
SEE08291110PML1	8/29/2010	Xylenes (total)	54	ug/kg	U
SEE10121155JDF1	10/12/2010	Xylenes (total)	52	ug/Kg	U
SEE09131125PML1	9/13/2010	Xylenes (total)	52	ug/Kg	U
SEE09091010PML1	9/9/2010	Xylenes (total)	52	ug/Kg	U
SEE09091145PML1	9/9/2010	Xylenes (total)	52	ug/Kg	U
SEE09091410PML1	9/9/2010	Xylenes (total)	52	ug/Kg	U
SEE09061130MHS1	9/6/2010	Xylenes (total)	52	ug/Kg	U
SEE08301638MHS1	8/30/2010	Xylenes (total)	52	ug/Kg	U
SEE10141150JDF1	10/14/2010	Xylenes (total)	51	ug/Kg	U
SEE10141550JDF1	10/14/2010	Xylenes (total)	51	ug/Kg	U
SEE10141550JDF1	10/14/2010	Xylenes (total)	51	ug/Kg	U
SEE10031425JDF1	10/3/2010	Xylenes (total)	51	ug/Kg	U
SEE09271130JDF1	9/27/2010	Xylenes (total)	51	ug/Kg	U
SEE09011145PML1	9/1/2010	Xylenes (total)	51	ug/Kg	U
SEE10151055ARM1	10/15/2010	Xylenes (total)	50	ug/Kg	U
SEE10121415ARM1	10/12/2010	Xylenes (total)	50	ug/Kg	U
SEE10111125JDF1	10/11/2010	Xylenes (total)	50	ug/Kg	U
SEE09291035JDF1	9/29/2010	Xylenes (total)	50	ug/Kg	U
SEE09220935RCM1	9/22/2010	Xylenes (total)	50	ug/Kg	U
SEE09111015PML1	9/11/2010	Xylenes (total)	50	ug/Kg	U
SEE09051015PML1	9/5/2010	Xylenes (total)	50	ug/Kg	U
SEE10161415JDF1	10/16/2010	Xylenes (total)	49	ug/Kg	U
SEE09170945PML1	9/17/2010	Xylenes (total)	49	ug/Kg	U
SEE09091605PML1	9/9/2010	Xylenes (total)	49	ug/Kg	U
SEE09041350PML1	9/4/2010	Xylenes (total)	49	ug/Kg	U
SEE08301445JRP1	8/30/2010	Xylenes (total)	49	ug/Kg	U
SEE10040945JDF1	10/4/2010	Xylenes (total)	48	ug/Kg	UJ
SEE09211530JDF1	9/21/2010	Xylenes (total)	48	ug/Kg	U
SEE10071205PML1	10/7/2010	Xylenes (total)	47	ug/Kg	UJ
SEE09230955RCM1	9/23/2010	Xylenes (total)	47	ug/Kg	U
SEE09171125PML1	9/17/2010	Xylenes (total)	47	ug/Kg	U
SEE09130955JRP1	9/13/2010	Xylenes (total)	47	ug/Kg	U
SEE09051430PML1	9/5/2010	Xylenes (total)	47	ug/Kg	U
SEE10071540PML1	10/7/2010	Xylenes (total)	46	ug/Kg	UJ
SEE09171530PML1	9/17/2010	Xylenes (total)	46	ug/Kg	U
SEE10041335JDF1	10/4/2010	Xylenes (total)	45	ug/Kg	UJ
SEE09271025ARM1	9/27/2010	Xylenes (total)	45	ug/Kg	U
SEE09130940PML1	9/13/2010	Xylenes (total)	45	ug/Kg	U
SEE08271500PML1	8/27/2010	Xylenes (total)	45	ug/kg	U
SEE10150945JDF1	10/15/2010	Xylenes (total)	44	ug/Kg	U
SEE10111350JDF1	10/11/2010	Xylenes (total)	44	ug/Kg	U
SEE10061051RCM1	10/6/2010	Xylenes (total)	44	ug/Kg	U
SEE09221105JDF1	9/22/2010	Xylenes (total)	44	ug/Kg	U
SEE08281215PML1	8/28/2010	Xylenes (total)	44	ug/kg	U
SEE10111011JDF1	10/11/2010	Xylenes (total)	43	ug/Kg	U
SEE10041355ARM1	10/4/2010	Xylenes (total)	43	ug/Kg	UJ
SEE09290925JDF1	9/29/2010	Xylenes (total)	43	ug/Kg	U
SEE09271515JDF1	9/27/2010	Xylenes (total)	43	ug/Kg	U
SEE09091025JRP1	9/9/2010	Xylenes (total)	43	ug/Kg	U
SEE08301520JRP1	8/30/2010	Xylenes (total)	43	ug/Kg	U

**TABLE B-2b**  
**Upstream Sediment Samples (Morrow Lake)**

Sample ID	Sample Date	Analyte	Result	Unit	Data Qualifier
SEE10121030JDF1	10/12/2010	Xylenes (total)	42	ug/Kg	U
SEE08281420TWH1	8/28/2010	Xylenes (total)	42	ug/kg	U
SEE08261445JRP1	8/26/2010	Xylenes (total)	42	ug/Kg	U
SEE10161055JDF1	10/16/2010	Xylenes (total)	41	ug/Kg	U
SEE09031140MHS1	9/3/2010	Xylenes (total)	41	ug/Kg	UJ
SEE09011635PML1	9/1/2010	Xylenes (total)	41	ug/Kg	U
SEE10151355ARM1	10/15/2010	Xylenes (total)	40	ug/Kg	U
SEE10071415ARM1	10/7/2010	Xylenes (total)	40	ug/Kg	UJ
SEE08291421KAP1	8/29/2010	Xylenes (total)	40	ug/kg	U
SEE08271145RCM1	8/27/2010	Xylenes (total)	40	ug/kg	U
SEE10041050JDF1	10/4/2010	Xylenes (total)	39	ug/Kg	UJ
SEE09291645JDF1	9/29/2010	Xylenes (total)	39	ug/Kg	U
SEE09051550MHS1	9/5/2010	Xylenes (total)	39	ug/Kg	U
SEE10041138RCM1	10/4/2010	Xylenes (total)	37	ug/Kg	UJ
SEE09301255MAE1	9/30/2010	Xylenes (total)	37	ug/Kg	U
SEE09221615JDF1	9/22/2010	Xylenes (total)	37	ug/Kg	U
SEE09191445RCM1	9/19/2010	Xylenes (total)	37	ug/Kg	U
SEE09031645MHS1	9/3/2010	Xylenes (total)	37	ug/Kg	UJ
SEE08311010JRP1	8/31/2010	Xylenes (total)	35	ug/Kg	U
SEE09200911RCM1	9/20/2010	Xylenes (total)	34	ug/Kg	U
SEE09011545MHS1	9/1/2010	Xylenes (total)	34	ug/Kg	U
SEE08281510TWH1	8/28/2010	Xylenes (total)	34	ug/kg	U
SEE10170915JDF1	10/17/2010	Xylenes (total)	33	ug/Kg	U
SEE09250905RCM1	9/25/2010	Xylenes (total)	33	ug/Kg	U
SEE09090900JRP1	9/9/2010	Xylenes (total)	33	ug/Kg	U
SEE09291135JDF1	9/29/2010	Xylenes (total)	32	ug/Kg	U
SEE09260930RCM1	9/26/2010	Xylenes (total)	31	ug/Kg	U
SEE09201110ARM1	9/20/2010	Xylenes (total)	31	ug/Kg	U
SEE08291550KAP1	8/29/2010	Xylenes (total)	31	ug/kg	U
SEE08301530JAW1	8/30/2010	Xylenes (total)	30	ug/Kg	U
SEE09211112RCM1	9/21/2010	Xylenes (total)	29	ug/Kg	U
SEE08311348MHS1	8/31/2010	Xylenes (total)	29	ug/Kg	U
SEE08300920JRP1	8/30/2010	Xylenes (total)	28	ug/Kg	U
SEE08261620RCM1	8/26/2010	Xylenes (total)	28	ug/kg	U
SEE10071151RCM1	10/7/2010	Xylenes (total)	27	ug/Kg	UJ
SEE09130915JRP1	9/13/2010	Xylenes (total)	24	ug/Kg	U
SEE10141025ARM1	10/14/2010	Xylenes (total)	23	ug/Kg	U
SEE10091200ARM1	10/9/2010	Xylenes (total)	23	ug/Kg	U
SEE09161035RCM1	9/16/2010	Xylenes (total)	23	ug/Kg	U
SEE09171445RCM1	9/17/2010	Xylenes (total)	22	ug/Kg	U
SEE09291023RCM1	9/29/2010	Xylenes (total)	21	ug/Kg	U
SEE08291445PML1	8/29/2010	Xylenes (total)	21	ug/kg	U
SEE09141312RCM1	9/14/2010	Xylenes (total)	20	ug/Kg	U
SEE08291354KAP1	8/29/2010	Xylenes (total)	19	ug/kg	U
SEE10051415ARM1	10/5/2010	Xylenes (total)	17	ug/Kg	UJ
SEE09061610JAW1	9/6/2010	Xylenes (total)	17	ug/Kg	U
SEE10171535ARM1	10/17/2010	Xylenes (total)	16	ug/Kg	U
SEE10011125ARM1	10/1/2010	Xylenes (total)	16	ug/Kg	U
SEE09231035ARM1	9/23/2010	Xylenes (total)	16	ug/Kg	U
SEE09171200ARM1	9/17/2010	Xylenes (total)	16	ug/Kg	U
SEE09051500MHS1	9/5/2010	Xylenes (total)	16	ug/Kg	U
SEE08271614TWH1	8/27/2010	Xylenes (total)	16	ug/kg	U
SEE08261700JRP1	8/26/2010	Xylenes (total)	16	ug/Kg	U
SEE10081035ARM1	10/8/2010	Xylenes (total)	15	ug/Kg	U
SEE09211120ARM1	9/21/2010	Xylenes (total)	15	ug/Kg	U
SEE09100945RCM1	9/10/2010	Xylenes (total)	15	ug/Kg	U
SEE08271652TWH1	8/27/2010	Xylenes (total)	15	ug/kg	U
SEB09011143JLS1	9/1/2010	Xylenes (total)	14	ug/Kg	U
SEE08301410JRP1	8/30/2010	Xylenes (total)	14	ug/Kg	U
SEE09281445RCM1	9/28/2010	Xylenes (total)	13	ug/Kg	U

**TABLE B-2b**  
**Upstream Sediment Samples (Morrow Lake)**

Sample ID	Sample Date	Analyte	Result	Unit	Data Qualifier
SEE08271536TWH1	8/27/2010	Xylenes (total)	13	ug/kg	U
SEE10011043RCM1	10/1/2010	Xylenes (total)	12	ug/Kg	U
SEF10011045TDF1	10/1/2010	Xylenes (total)	12	ug/Kg	U
SEE09290915MAE1	9/29/2010	Xylenes (total)	12	ug/Kg	U
SEE09271500ARM1	9/27/2010	Xylenes (total)	12	ug/Kg	U
SEE09170935RCM1	9/17/2010	Xylenes (total)	12	ug/Kg	U
SEE09150915JRP1	9/15/2010	Xylenes (total)	12	ug/Kg	U
SEF10151030PMB3	10/15/2010	Xylenes (total)	11	ug/Kg	U
SEE10131035ARM1	10/13/2010	Xylenes (total)	11	ug/Kg	U
SEF10081108TDF3	10/8/2010	Xylenes (total)	11	ug/Kg	U
SEE10071045ARM1	10/7/2010	Xylenes (total)	11	ug/Kg	UJ
SEF10051206TDF3	10/5/2010	Xylenes (total)	11	ug/Kg	UJ
SEE10041045ARM1	10/4/2010	Xylenes (total)	11	ug/Kg	UJ
SEE09251235ARM1	9/25/2010	Xylenes (total)	11	ug/Kg	U
SEE09140945JRP1	9/14/2010	Xylenes (total)	11	ug/Kg	U
SEE09080930JRP1	9/8/2010	Xylenes (total)	11	ug/Kg	U
SEE09011515JAW1	9/1/2010	Xylenes (total)	11	ug/Kg	U
SEE08301100JRP1	8/30/2010	Xylenes (total)	11	ug/Kg	U
SEE08281540JRP1	8/28/2010	Xylenes (total)	11	ug/kg	U
SEE10121040ARM1	10/12/2010	Xylenes (total)	10	ug/Kg	U
SEF10121130PMB3	10/12/2010	Xylenes (total)	10	ug/Kg	U
SEE09301025MAE1	9/30/2010	Xylenes (total)	10	ug/Kg	U
SEE09221045ARM1	9/22/2010	Xylenes (total)	10	ug/Kg	U
SEE09100920JRP1	9/10/2010	Xylenes (total)	10	ug/Kg	U
SEE09051500JAW1	9/5/2010	Xylenes (total)	10	ug/Kg	U
SEB08281400JLS1	8/28/2010	Xylenes (total)	10	ug/kg	U
SEE09070930JRP1	9/7/2010	Xylenes (total)	9.8	ug/Kg	U
SEE10051145RCM1	10/5/2010	Xylenes (total)	9.7	ug/Kg	UJ
SEE10181030JWP1	10/18/2010	Xylenes (total)	9.2	ug/Kg	U
SEF09281139TDF1	9/28/2010	Xylenes (total)	8.6	ug/Kg	U
SEE09231205RCM1	9/23/2010	Xylenes (total)	6.5	ug/Kg	U
SEE08271445JRP1	8/27/2010	Xylenes (total)	5.7	ug/kg	U
SEE10061135ARM1	10/6/2010	Xylenes (total)	5.2	ug/Kg	J
SEE10151355ARM1	10/15/2010	Zinc	600000	ug/Kg	J
SEE10121415ARM1	10/12/2010	Zinc	600000	ug/Kg	B
SEE10151055ARM1	10/15/2010	Zinc	530000	ug/Kg	J
SEE08291421KAP1	8/29/2010	Zinc	526000	ug/kg	
SEE08301445JRP1	8/30/2010	Zinc	490000	ug/Kg	
SEE10181430JWP1	10/18/2010	Zinc	480000	ug/Kg	J
SEE08301520JRP1	8/30/2010	Zinc	470000	ug/Kg	
SEE08301015JRP1	8/30/2010	Zinc	450000	ug/Kg	
SEE09090900JRP1	9/9/2010	Zinc	420000	ug/Kg	
SEE10141555ARM1	10/14/2010	Zinc	410000	ug/Kg	
SEE08281630RCM1	8/28/2010	Zinc	366000	ug/kg	
SEE08281607TWH1	8/28/2010	Zinc	363000	ug/kg	
SEE10071415ARM1	10/7/2010	Zinc	360000	ug/Kg	
SEE08281505PML1	8/28/2010	Zinc	343000	ug/kg	
SEE08271215PML1	8/27/2010	Zinc	336000	ug/kg	
SEE10161115ARM1	10/16/2010	Zinc	330000	ug/Kg	J
SEE10061051RCM1	10/6/2010	Zinc	330000	ug/Kg	
SEE08261620RCM1	8/26/2010	Zinc	326000	ug/kg	
SEE09301205RCM1	9/30/2010	Zinc	320000	ug/Kg	
SEE09061130MHS1	9/6/2010	Zinc	320000	ug/Kg	
SEE09011545MHS1	9/1/2010	Zinc	320000	ug/Kg	
SEE10081051RCM1	10/8/2010	Zinc	310000	ug/Kg	B
SEE09191445RCM1	9/19/2010	Zinc	310000	ug/Kg	
SEE09170839RCM1	9/17/2010	Zinc	310000	ug/Kg	
SEE08261420RCM1	8/26/2010	Zinc	301000	ug/kg	
SEE09260930RCM1	9/26/2010	Zinc	300000	ug/Kg	B
SEE08281420TWH1	8/28/2010	Zinc	298000	ug/kg	

**TABLE B-2b**  
**Upstream Sediment Samples (Morrow Lake)**

Sample ID	Sample Date	Analyte	Result	Unit	Data Qualifier
SEE08271500PML1	8/27/2010	Zinc	298000	ug/kg	
SEE08281215PML1	8/28/2010	Zinc	292000	ug/kg	
SEE10031425JDF1	10/3/2010	Zinc	290000	ug/Kg	B
SEE09220935RCM1	9/22/2010	Zinc	290000	ug/Kg	
SEE09101215PML1	9/10/2010	Zinc	290000	ug/Kg	
SEE10091401PML1	10/9/2010	Zinc	280000	ug/Kg	B
SEE10071205PML1	10/7/2010	Zinc	280000	ug/Kg	
SEE10051125PML1	10/5/2010	Zinc	280000	ug/Kg	
SEE09291023RCM1	9/29/2010	Zinc	280000	ug/Kg	
SEE09181235PML1	9/18/2010	Zinc	280000	ug/Kg	
SEE09141135PML1	9/14/2010	Zinc	280000	ug/Kg	
SEE09121436RCM1	9/12/2010	Zinc	280000	ug/Kg	
SEE09091005RCM1	9/9/2010	Zinc	280000	ug/Kg	
SEE09081020RCM1	9/8/2010	Zinc	280000	ug/Kg	
SEE09051550MHS1	9/5/2010	Zinc	280000	ug/Kg	
SEE09011050PML1	9/1/2010	Zinc	280000	ug/Kg	
SEE08301530JAW1	8/30/2010	Zinc	280000	ug/Kg	
SEE10171410JDF1	10/17/2010	Zinc	270000	ug/Kg	J
SEE10120930JDF1	10/12/2010	Zinc	270000	ug/Kg	B
SEE10041138RCM1	10/4/2010	Zinc	270000	ug/Kg	
SEE09301105JDF1	9/30/2010	Zinc	270000	ug/Kg	
SEE09171415PML1	9/17/2010	Zinc	270000	ug/Kg	
SEE09161045PML1	9/16/2010	Zinc	270000	ug/Kg	
SEE09130955JRP1	9/13/2010	Zinc	270000	ug/Kg	J
SEE09131026RCM1	9/13/2010	Zinc	270000	ug/Kg	J
SEE09131125PML1	9/13/2010	Zinc	270000	ug/Kg	J
SEE09131505PML1	9/13/2010	Zinc	270000	ug/Kg	J
SEE09121450PML1	9/12/2010	Zinc	270000	ug/Kg	
SEE09101625PML1	9/10/2010	Zinc	270000	ug/Kg	
SEE09091025JRP1	9/9/2010	Zinc	270000	ug/Kg	
SEE09061500PML1	9/6/2010	Zinc	270000	ug/Kg	
SEE09030925PML1	9/3/2010	Zinc	270000	ug/Kg	
SEE09021400PML1	9/2/2010	Zinc	270000	ug/Kg	
SEE09011545PML1	9/1/2010	Zinc	270000	ug/Kg	
SEE08301130PML1	8/30/2010	Zinc	270000	ug/Kg	
SEE10161415JDF1	10/16/2010	Zinc	260000	ug/Kg	J
SEE10131150JDF1	10/13/2010	Zinc	260000	ug/Kg	J
SEE10111125JDF1	10/11/2010	Zinc	260000	ug/Kg	B
SEE10111350JDF1	10/11/2010	Zinc	260000	ug/Kg	B
SEE10071042RCM1	10/7/2010	Zinc	260000	ug/Kg	
SEE09271025ARM1	9/27/2010	Zinc	260000	ug/Kg	J
SEE09271130JDF1	9/27/2010	Zinc	260000	ug/Kg	J
SEE09230955RCM1	9/23/2010	Zinc	260000	ug/Kg	B
SEE09231645JDF1	9/23/2010	Zinc	260000	ug/Kg	B
SEE09221440JDF1	9/22/2010	Zinc	260000	ug/Kg	
SEE09191040PML1	9/19/2010	Zinc	260000	ug/Kg	
SEE09171125PML1	9/17/2010	Zinc	260000	ug/Kg	
SEE09161035RCM1	9/16/2010	Zinc	260000	ug/Kg	
SEE09131445RCM1	9/13/2010	Zinc	260000	ug/Kg	J
SEE09101022PML1	9/10/2010	Zinc	260000	ug/Kg	
SEE09091145PML1	9/9/2010	Zinc	260000	ug/Kg	
SEE09051015PML1	9/5/2010	Zinc	260000	ug/Kg	
SEE10161055JDF1	10/16/2010	Zinc	250000	ug/Kg	J
SEE10161530JDF1	10/16/2010	Zinc	250000	ug/Kg	J
SEE10150945JDF1	10/15/2010	Zinc	250000	ug/Kg	J
SEE10111011JDF1	10/11/2010	Zinc	250000	ug/Kg	B
SEE10081231PML1	10/8/2010	Zinc	250000	ug/Kg	B
SEE10051653PML1	10/5/2010	Zinc	250000	ug/Kg	
SEE09290925JDF1	9/29/2010	Zinc	250000	ug/Kg	
SEE09291035JDF1	9/29/2010	Zinc	250000	ug/Kg	



**TABLE B-2b**  
**Upstream Sediment Samples (Morrow Lake)**

Sample ID	Sample Date	Analyte	Result	Unit	Data Qualifier
SEE09271515JDF1	9/27/2010	Zinc	250000	ug/Kg	J
SEE09251135JDF1	9/25/2010	Zinc	250000	ug/Kg	J
SEE09211155JDF1	9/21/2010	Zinc	250000	ug/Kg	
SEE09170945PML1	9/17/2010	Zinc	250000	ug/Kg	
SEE09171445RCM1	9/17/2010	Zinc	250000	ug/Kg	
SEE09171530PML1	9/17/2010	Zinc	250000	ug/Kg	
SEE09141515PML1	9/14/2010	Zinc	250000	ug/Kg	
SEE09121105RCM1	9/12/2010	Zinc	250000	ug/Kg	
SEE09091010PML1	9/9/2010	Zinc	250000	ug/Kg	
SEE09091410PML1	9/9/2010	Zinc	250000	ug/Kg	
SEE09091410RCM1	9/9/2010	Zinc	250000	ug/Kg	
SEE09071050PML1	9/7/2010	Zinc	250000	ug/Kg	J
SEE09051130PML1	9/5/2010	Zinc	250000	ug/Kg	
SEE09040950PML1	9/4/2010	Zinc	250000	ug/Kg	J
SEE09031115JAW1	9/3/2010	Zinc	250000	ug/Kg	
SEE09031140MHS1	9/3/2010	Zinc	250000	ug/Kg	
SEE09031645MHS1	9/3/2010	Zinc	250000	ug/Kg	
SEE08261445JRP1	8/26/2010	Zinc	250000	ug/Kg	
SEE08291550KAP1	8/29/2010	Zinc	241000	ug/kg	
SEE10141015JDF1	10/14/2010	Zinc	240000	ug/Kg	
SEE10091614PML1	10/9/2010	Zinc	240000	ug/Kg	B
SEE10081115PML1	10/8/2010	Zinc	240000	ug/Kg	B
SEE10071540PML1	10/7/2010	Zinc	240000	ug/Kg	
SEE10040945JDF1	10/4/2010	Zinc	240000	ug/Kg	
SEE10041050JDF1	10/4/2010	Zinc	240000	ug/Kg	
SEE09231130ARM1	9/23/2010	Zinc	240000	ug/Kg	B
SEE09221105JDF1	9/22/2010	Zinc	240000	ug/Kg	
SEE09211530JDF1	9/21/2010	Zinc	240000	ug/Kg	
SEE09201115RCM1	9/20/2010	Zinc	240000	ug/Kg	
SEE09130940PML1	9/13/2010	Zinc	240000	ug/Kg	J
SEE09131620PML1	9/13/2010	Zinc	240000	ug/Kg	J
SEE09091515PML1	9/9/2010	Zinc	240000	ug/Kg	
SEE09051430PML1	9/5/2010	Zinc	240000	ug/Kg	V
SEE09021010PML1	9/2/2010	Zinc	240000	ug/Kg	
SEE09011145PML1	9/1/2010	Zinc	240000	ug/Kg	
SEE09011255PML1	9/1/2010	Zinc	240000	ug/Kg	
SEE08301550PML1	8/30/2010	Zinc	240000	ug/Kg	
SEE08301638MHS1	8/30/2010	Zinc	240000	ug/Kg	
SEE10181035JDF1	10/18/2010	Zinc	230000	ug/Kg	J
SEE10071101PML1	10/7/2010	Zinc	230000	ug/Kg	
SEE10041150JDF1	10/4/2010	Zinc	230000	ug/Kg	
SEE09301255JDF1	9/30/2010	Zinc	230000	ug/Kg	
SEE09301255MAE1	9/30/2010	Zinc	230000	ug/Kg	
SEE09201645ARM1	9/20/2010	Zinc	230000	ug/Kg	
SEE09181705PML1	9/18/2010	Zinc	230000	ug/Kg	
SEE09140945PML1	9/14/2010	Zinc	230000	ug/Kg	
SEE09091605PML1	9/9/2010	Zinc	230000	ug/Kg	
SEE09061525MHS1	9/6/2010	Zinc	230000	ug/Kg	
SEE08301145MHS1	8/30/2010	Zinc	230000	ug/Kg	
SEE08271145RCM1	8/27/2010	Zinc	222000	ug/kg	
SEE10171115JDF1	10/17/2010	Zinc	220000	ug/Kg	J
SEE10121030JDF1	10/12/2010	Zinc	220000	ug/Kg	B
SEE10041355ARM1	10/4/2010	Zinc	220000	ug/Kg	
SEE10011120JDF1	10/1/2010	Zinc	220000	ug/Kg	
SEE09261215JDF1	9/26/2010	Zinc	220000	ug/Kg	B
SEE09221615JDF1	9/22/2010	Zinc	220000	ug/Kg	
SEE09041350PML1	9/4/2010	Zinc	220000	ug/Kg	J
SEE08311045PML1	8/31/2010	Zinc	220000	ug/Kg	J
SEE08281510TWH1	8/28/2010	Zinc	215000	ug/kg	
SEE10101010PML1	10/10/2010	Zinc	210000	ug/Kg	B

**TABLE B-2b**  
**Upstream Sediment Samples (Morrow Lake)**

Sample ID	Sample Date	Analyte	Result	Unit	Data Qualifier
SEE10101215PML1	10/10/2010	Zinc	210000	ug/Kg	B
SEE10101215PML1	10/10/2010	Zinc	210000	ug/Kg	B
SEE10041530JDF1	10/4/2010	Zinc	210000	ug/Kg	
SEE10031115JDF1	10/3/2010	Zinc	210000	ug/Kg	B
SEE10031115JDF1	10/3/2010	Zinc	210000	ug/Kg	B
SEE09231210JDF1	9/23/2010	Zinc	210000	ug/Kg	B
SEE09191530PML1	9/19/2010	Zinc	210000	ug/Kg	
SEE09121055PML1	9/12/2010	Zinc	210000	ug/Kg	V
SEE09121055PML1	9/12/2010	Zinc	210000	ug/Kg	V
SEE09031100PML1	9/3/2010	Zinc	210000	ug/Kg	
SEE09011635PML1	9/1/2010	Zinc	210000	ug/Kg	
SEE10181210JDF1	10/18/2010	Zinc	200000	ug/Kg	J
SEE10141550JDF1	10/14/2010	Zinc	200000	ug/Kg	
SEE10141550JDF1	10/14/2010	Zinc	200000	ug/Kg	
SEE10121155JDF1	10/12/2010	Zinc	200000	ug/Kg	B
SEE10061205PML1	10/6/2010	Zinc	200000	ug/Kg	
SEE10061640PML1	10/6/2010	Zinc	200000	ug/Kg	
SEE10061640PML1	10/6/2010	Zinc	200000	ug/Kg	
SEE09261625JDF1	9/26/2010	Zinc	200000	ug/Kg	B
SEE09261625JDF1	9/26/2010	Zinc	200000	ug/Kg	B
SEE09250905RCM1	9/25/2010	Zinc	200000	ug/Kg	J
SEE09211112RCM1	9/21/2010	Zinc	200000	ug/Kg	
SEE09151015PML1	9/15/2010	Zinc	200000	ug/Kg	B
SEE09151145PML1	9/15/2010	Zinc	200000	ug/Kg	B
SEE09151145PML1	9/15/2010	Zinc	200000	ug/Kg	B
SEE09111015PML1	9/11/2010	Zinc	200000	ug/Kg	
SEE09081010PML1	9/8/2010	Zinc	200000	ug/Kg	
SEE09081205PML1	9/8/2010	Zinc	200000	ug/Kg	
SEE09061105PML1	9/6/2010	Zinc	200000	ug/Kg	
SEE09031650PML1	9/3/2010	Zinc	200000	ug/Kg	
SEE09031650PML1	9/3/2010	Zinc	200000	ug/Kg	
SEE08311420PML1	8/31/2010	Zinc	200000	ug/Kg	J
SEE08311420PML1	8/31/2010	Zinc	200000	ug/Kg	J
SEE10181510JDF1	10/18/2010	Zinc	190000	ug/Kg	J
SEE10181510JDF1	10/18/2010	Zinc	190000	ug/Kg	J
SEE10141150JDF1	10/14/2010	Zinc	190000	ug/Kg	
SEE10091200ARM1	10/9/2010	Zinc	190000	ug/Kg	B
SEE10041335JDF1	10/4/2010	Zinc	190000	ug/Kg	
SEE10170915JDF1	10/17/2010	Zinc	180000	ug/Kg	J
SEE10051415ARM1	10/5/2010	Zinc	180000	ug/Kg	
SEE09200945PML1	9/20/2010	Zinc	180000	ug/Kg	
SEE09200945PML1	9/20/2010	Zinc	180000	ug/Kg	
SEE08300920JRP1	8/30/2010	Zinc	180000	ug/Kg	
SEE08291110PML1	8/29/2010	Zinc	176000	ug/kg	
SEE09141312RCM1	9/14/2010	Zinc	170000	ug/Kg	
SEE08271614TWH1	8/27/2010	Zinc	148000	ug/kg	
SEE08291354KAP1	8/29/2010	Zinc	146000	ug/kg	
SEE08311010JRP1	8/31/2010	Zinc	140000	ug/Kg	J
SEE10171535ARM1	10/17/2010	Zinc	130000	ug/Kg	J
SEE09291135JDF1	9/29/2010	Zinc	130000	ug/Kg	

**TABLE B-2b**  
**Upstream Sediment Samples (Morrow Lake)**

Sample ID	Sample Date	Analyte	Result	Unit	Data Qualifier
SEE09291645JDF1	9/29/2010	Zinc	110000	ug/Kg	
SEE09061610JAW1	9/6/2010	Zinc	100000	ug/Kg	
SEE08311348MHS1	8/31/2010	Zinc	100000	ug/Kg	J
SEE08271652TWH1	8/27/2010	Zinc	84700	ug/kg	
SEE10141025ARM1	10/14/2010	Zinc	82000	ug/Kg	
SEE08291445PML1	8/29/2010	Zinc	79000	ug/kg	
SEE09130915JRP1	9/13/2010	Zinc	78000	ug/Kg	J
SEE10071045ARM1	10/7/2010	Zinc	75000	ug/Kg	
SEE10011125ARM1	10/1/2010	Zinc	72000	ug/Kg	
SEE10071151RCM1	10/7/2010	Zinc	71000	ug/Kg	
SEE08301410JRP1	8/30/2010	Zinc	61000	ug/Kg	
SEE09051500MHS1	9/5/2010	Zinc	53000	ug/Kg	
SEE09231205RCM1	9/23/2010	Zinc	52000	ug/Kg	B
SEE08261700JRP1	8/26/2010	Zinc	52000	ug/Kg	
SEE09171200ARM1	9/17/2010	Zinc	50000	ug/Kg	
SEE09201110ARM1	9/20/2010	Zinc	49000	ug/Kg	
SEE09290915MAE1	9/29/2010	Zinc	44000	ug/Kg	
SEE08271445JRP1	8/27/2010	Zinc	42700	ug/kg	
SEE09271500ARM1	9/27/2010	Zinc	39000	ug/Kg	J
SEE09211120ARM1	9/21/2010	Zinc	39000	ug/Kg	
SEE09140945JRP1	9/14/2010	Zinc	39000	ug/Kg	
SEE10061135ARM1	10/6/2010	Zinc	37000	ug/Kg	
SEE09100920JRP1	9/10/2010	Zinc	37000	ug/Kg	
SEE10121040ARM1	10/12/2010	Zinc	35000	ug/Kg	B
SEE08301100JRP1	8/30/2010	Zinc	34000	ug/Kg	
SEE08281540JRP1	8/28/2010	Zinc	33200	ug/kg	
SEE09231035ARM1	9/23/2010	Zinc	33000	ug/Kg	B
SEE09251235ARM1	9/25/2010	Zinc	32000	ug/Kg	J
SEE09301025MAE1	9/30/2010	Zinc	30000	ug/Kg	
SEE09150915JRP1	9/15/2010	Zinc	29000	ug/Kg	B
SEE10041045ARM1	10/4/2010	Zinc	28000	ug/Kg	
SEE09100945RCM1	9/10/2010	Zinc	27000	ug/Kg	
SEE09070930JRP1	9/7/2010	Zinc	27000	ug/Kg	J
SEE09051500JAW1	9/5/2010	Zinc	27000	ug/Kg	
SEB08281400JLS1	8/28/2010	Zinc	24200	ug/kg	
SEF09281139TDF1	9/28/2010	Zinc	23000	ug/Kg	B
SEE09080930JRP1	9/8/2010	Zinc	23000	ug/Kg	
SEE08271536TWH1	8/27/2010	Zinc	22100	ug/kg	
SEE09170935RCM1	9/17/2010	Zinc	22000	ug/Kg	
SEE09221045ARM1	9/22/2010	Zinc	21000	ug/Kg	
SEE09011515JAW1	9/1/2010	Zinc	21000	ug/Kg	
SEE10081035ARM1	10/8/2010	Zinc	20000	ug/Kg	B
SEE10131035ARM1	10/13/2010	Zinc	19000	ug/Kg	J
SEF10011045TDF1	10/1/2010	Zinc	19000	ug/Kg	
SEE09200911RCM1	9/20/2010	Zinc	19000	ug/Kg	
SEE09281445RCM1	9/28/2010	Zinc	18000	ug/Kg	B
SEF10081108TDF3	10/8/2010	Zinc	14000	ug/Kg	B
SEF10051206TDF3	10/5/2010	Zinc	14000	ug/Kg	V
SEE10181030JWP1	10/18/2010	Zinc	12000	ug/Kg	J
SEE10051145RCM1	10/5/2010	Zinc	12000	ug/Kg	
SEE10011043RCM1	10/1/2010	Zinc	12000	ug/Kg	
SEF10121130PMB3	10/12/2010	Zinc	11000	ug/Kg	B
SEB09011143JLS1	9/1/2010	Zinc	11000	ug/Kg	
SEF10151030PMB3	10/15/2010	Zinc	7700	ug/Kg	J

PREPARED BY/DATE: LSV 05/07/14  
 CHECKED BY/DATE: NSR 05/14/14

## **APPENDIX C**

### **ProUCL OUTPUT FOR TIER 2 SCREENING**

**UCL Statistics for Data Sets with Non-Detects**

User Selected Options  
Date/Time of Computation 12/9/2014 10:22:15 AM  
From File Soil\_input\_ProUCL\_output QCd FINAL\_d.xls  
Full Precision OFF  
Confidence Coefficient 95%  
Number of Bootstrap Operations 2000

**4,4'-DDT**

**General Statistics**

Total Number of Observations	48	Number of Distinct Observations	39
Number of Detects	20	Number of Non-Detects	28
Number of Distinct Detects	17	Number of Distinct Non-Detects	23
Minimum Detect	3.4	Minimum Non-Detect	3.5
Maximum Detect	340	Maximum Non-Detect	200
Variance Detects	8060	Percent Non-Detects	58.33%
Mean Detects	104.8	SD Detects	89.78
Median Detects	83	CV Detects	0.857
Skewness Detects	1.004	Kurtosis Detects	0.81
Mean of Logged Detects	4.123	SD of Logged Detects	1.259

**Normal GOF Test on Detects Only**

Shapiro Wilk Test Statistic	0.904	<b>Shapiro Wilk GOF Test</b>
5% Shapiro Wilk Critical Value	0.905	Detected Data Not Normal at 5% Significance Level
Lilliefors Test Statistic	0.143	<b>Lilliefors GOF Test</b>
5% Lilliefors Critical Value	0.198	Detected Data appear Normal at 5% Significance Level

**Detected Data appear Approximate Normal at 5% Significance Level**

**Kaplan-Meier (KM) Statistics using Normal Critical Values and other Nonparametric UCLs**

Mean	47.43	Standard Error of Mean	11.26
SD	75.3	95% KM (BCA) UCL	66.58
95% KM (t) UCL	66.32	95% KM (Percentile Bootstrap) UCL	67.3
95% KM (z) UCL	65.95	95% KM Bootstrap t UCL	71.83
90% KM Chebyshev UCL	81.21	95% KM Chebyshev UCL	96.52
97.5% KM Chebyshev UCL	117.8	99% KM Chebyshev UCL	159.5

**Gamma GOF Tests on Detected Observations Only**

A-D Test Statistic	0.369	<b>Anderson-Darling GOF Test</b>
5% A-D Critical Value	0.766	Detected data appear Gamma Distributed at 5% Significance Level
K-S Test Statistic	0.143	<b>Kolmogrov-Smirnov GOF</b>
5% K-S Critical Value	0.199	Detected data appear Gamma Distributed at 5% Significance Level

**Detected data appear Gamma Distributed at 5% Significance Level**

**Gamma Statistics on Detected Data Only**

k hat (MLE)	1.082	k star (bias corrected MLE)	0.953
Theta hat (MLE)	96.86	Theta star (bias corrected MLE)	110
nu hat (MLE)	43.27	nu star (bias corrected)	38.11
MLE Mean (bias corrected)	104.8	MLE Sd (bias corrected)	107.3

4,4'-DDT (cont'd)

**Gamma Kaplan-Meier (KM) Statistics**

k hat (KM)	0.397	nu hat (KM)	38.08
Approximate Chi Square Value (38.08, $\alpha$ )	24.95	Adjusted Chi Square Value (38.08, $\beta$ )	24.62
95% Gamma Approximate KM-UCL (use when $n \geq 50$ )	72.39	95% Gamma Adjusted KM-UCL (use when $n < 50$ )	73.36

**Gamma ROS Statistics using Imputed Non-Detects**

GROS may not be used when data set has > 50% NDs with many tied observations at multiple DLs

GROS may not be used when kstar of detected data is small such as < 0.1

For such situations, GROS method tends to yield inflated values of UCLs and BTVs

For gamma distributed detected data, BTVs and UCLs may be computed using gamma distribution on KM estimates

Minimum	0.01	Mean	43.66
Maximum	340	Median	0.01
SD	77.35	CV	1.771
k hat (MLE)	0.16	k star (bias corrected MLE)	0.164
Theta hat (MLE)	272.2	Theta star (bias corrected MLE)	265.8
nu hat (MLE)	15.4	nu star (bias corrected)	15.77
MLE Mean (bias corrected)	43.66	MLE Sd (bias corrected)	107.7
		Adjusted Level of Significance ( $\beta$ )	0.045
Approximate Chi Square Value (15.77, $\alpha$ )	7.799	Adjusted Chi Square Value (15.77, $\beta$ )	7.625
95% Gamma Approximate UCL (use when $n \geq 50$ )	88.28	95% Gamma Adjusted UCL (use when $n < 50$ )	90.29

**Lognormal GOF Test on Detected Observations Only**

Shapiro Wilk Test Statistic	0.912	<b>Shapiro Wilk GOF Test</b>
5% Shapiro Wilk Critical Value	0.905	Detected Data appear Lognormal at 5% Significance Level
Lilliefors Test Statistic	0.186	<b>Lilliefors GOF Test</b>
5% Lilliefors Critical Value	0.198	Detected Data appear Lognormal at 5% Significance Level

**Detected Data appear Lognormal at 5% Significance Level**

**Lognormal ROS Statistics Using Imputed Non-Detects**

Mean in Original Scale	46.93	Mean in Log Scale	2.672
SD in Original Scale	75.51	SD in Log Scale	1.515
95% t UCL (assumes normality of ROS data)	65.22	95% Percentile Bootstrap UCL	65.67
95% BCA Bootstrap UCL	67	95% Bootstrap t UCL	71.05
95% H-UCL (Log ROS)	87.46		

**UCLs using Lognormal Distribution and KM Estimates when Detected data are Lognormally Distributed**

KM Mean (logged)	2.543	95% H-UCL (KM -Log)	98.92
KM SD (logged)	1.624	95% Critical H Value (KM-Log)	3.09
KM Standard Error of Mean (logged)	0.25		

**DL/2 Statistics**

DL/2 Normal		DL/2 Log-Transformed	
Mean in Original Scale	53.47	Mean in Log Scale	2.807
SD in Original Scale	74.58	SD in Log Scale	1.731
95% t UCL (Assumes normality)	71.53	95% H-Stat UCL	167.4

**DL/2 is not a recommended method, provided for comparisons and historical reasons**

**Nonparametric Distribution Free UCL Statistics**

**Detected Data appear Approximate Normal Distributed at 5% Significance Level**

**Suggested UCL to Use**

95% KM (t) UCL	66.32	95% KM (Percentile Bootstrap) UCL	67.3
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Note: Suggestions regarding the selection of a 95% UCL are provided to help the user to select the most appropriate 95% UCL.

Recommendations are based upon data size, data distribution, and skewness.

These recommendations are based upon the results of the simulation studies summarized in Singh, Maichle, and Lee (2006).

However, simulations results will not cover all Real World data sets; for additional insight the user may want to consult a statistician.

TCDD TEQ (pg/g)

**General Statistics**

Total Number of Observations	39	Number of Distinct Observations	39
		Number of Missing Observations	0
Minimum	0.042	Mean	161.9
Maximum	1071	Median	47.89
SD	238.4	Std. Error of Mean	38.17
Coefficient of Variation	1.472	Skewness	2.216

**Normal GOF Test**

Shapiro Wilk Test Statistic	0.714	<b>Shapiro Wilk GOF Test</b>
5% Shapiro Wilk Critical Value	0.939	Data Not Normal at 5% Significance Level
Lilliefors Test Statistic	0.249	<b>Lilliefors GOF Test</b>
5% Lilliefors Critical Value	0.142	Data Not Normal at 5% Significance Level

**Data Not Normal at 5% Significance Level**

**Assuming Normal Distribution**

**95% Normal UCL**

95% Student's-t UCL	226.3
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**95% UCLs (Adjusted for Skewness)**

95% Adjusted-CLT UCL (Chen-1995)	239.2
95% Modified-t UCL (Johnson-1978)	228.6

**Gamma GOF Test**

A-D Test Statistic	0.47	<b>Anderson-Darling Gamma GOF Test</b>
5% A-D Critical Value	0.837	Detected data appear Gamma Distributed at 5% Significance Level
K-S Test Statistic	0.128	<b>Kolmogrov-Smirnov Gamma GOF Test</b>
5% K-S Critical Value	0.152	Detected data appear Gamma Distributed at 5% Significance Level

**Detected data appear Gamma Distributed at 5% Significance Level**

**Gamma Statistics**

k hat (MLE)	0.392	k star (bias corrected MLE)	0.379
Theta hat (MLE)	413.3	Theta star (bias corrected MLE)	427.6
nu hat (MLE)	30.56	nu star (bias corrected)	29.54
MLE Mean (bias corrected)	161.9	MLE Sd (bias corrected)	263.1
		Approximate Chi Square Value (0.05)	18.13
Adjusted Level of Significance	0.0437	Adjusted Chi Square Value	17.78

**Assuming Gamma Distribution**

95% Approximate Gamma UCL (use when n>=50)	263.8	95% Adjusted Gamma UCL (use when n<50)	269.1
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**Lognormal GOF Test**

Shapiro Wilk Test Statistic	0.937	<b>Shapiro Wilk Lognormal GOF Test</b>
5% Shapiro Wilk Critical Value	0.939	Data Not Lognormal at 5% Significance Level
Lilliefors Test Statistic	0.136	<b>Lilliefors Lognormal GOF Test</b>
5% Lilliefors Critical Value	0.142	Data appear Lognormal at 5% Significance Level

**Data appear Approximate Lognormal at 5% Significance Level**

**Lognormal Statistics**

Minimum of Logged Data	-3.17	Mean of logged Data	3.402
Maximum of Logged Data	6.976	SD of logged Data	2.469

**Assuming Lognormal Distribution**

95% H-UCL	3796	90% Chebyshev (MVUE) UCL	1329
95% Chebyshev (MVUE) UCL	1712	97.5% Chebyshev (MVUE) UCL	2242
99% Chebyshev (MVUE) UCL	3285		

**Nonparametric Distribution Free UCL Statistics**

**Data appear to follow a Discernible Distribution at 5% Significance Level**

TCDD TEQ (pg/g) (cont'd)

**Nonparametric Distribution Free UCLs**

95% CLT UCL	224.7	95% Jackknife UCL	226.3
95% Standard Bootstrap UCL	223.9	95% Bootstrap-t UCL	253
95% Hall's Bootstrap UCL	256	95% Percentile Bootstrap UCL	225.5
95% BCA Bootstrap UCL	235.3		
90% Chebyshev(Mean, Sd) UCL	276.5	95% Chebyshev(Mean, Sd) UCL	328.3
97.5% Chebyshev(Mean, Sd) UCL	400.4	99% Chebyshev(Mean, Sd) UCL	541.8

**Suggested UCL to Use**

95% Adjusted Gamma UCL 269.1

Note: Suggestions regarding the selection of a 95% UCL are provided to help the user to select the most appropriate 95% UCL.

These recommendations are based upon the results of the simulation studies summarized in Singh, Singh, and Iaci (2002) and Singh and Singh (2003). However, simulations results will not cover all Real World data sets.

For additional insight the user may want to consult a statistician.



**Aldrin**

**General Statistics**

Total Number of Observations	50	Number of Distinct Observations	37
Number of Detects	11	Number of Non-Detects	39
Number of Distinct Detects	10	Number of Distinct Non-Detects	28
Minimum Detect	6.2	Minimum Non-Detect	1.8
Maximum Detect	440	Maximum Non-Detect	230
Variance Detects	18838	Percent Non-Detects	78%
Mean Detects	92.84	SD Detects	137.3
Median Detects	22	CV Detects	1.478
Skewness Detects	1.967	Kurtosis Detects	3.647
Mean of Logged Detects	3.607	SD of Logged Detects	1.399

**Normal GOF Test on Detects Only**

Shapiro Wilk Test Statistic	0.682	<b>Shapiro Wilk GOF Test</b>
5% Shapiro Wilk Critical Value	0.85	Detected Data Not Normal at 5% Significance Level
Lilliefors Test Statistic	0.366	<b>Lilliefors GOF Test</b>
5% Lilliefors Critical Value	0.267	Detected Data Not Normal at 5% Significance Level

**Detected Data Not Normal at 5% Significance Level**

**Kaplan-Meier (KM) Statistics using Normal Critical Values and other Nonparametric UCLs**

Mean	23.1	Standard Error of Mean	10.76
SD	72.09	<b>95% KM (BCA) UCL</b>	<b>41.37</b>
95% KM (t) UCL	41.13	95% KM (Percentile Bootstrap) UCL	40.66
95% KM (z) UCL	40.79	95% KM Bootstrap t UCL	60.33
90% KM Chebyshev UCL	55.37	95% KM Chebyshev UCL	69.98
97.5% KM Chebyshev UCL	90.27	99% KM Chebyshev UCL	130.1

**Gamma GOF Tests on Detected Observations Only**

A-D Test Statistic	0.824	<b>Anderson-Darling GOF Test</b>
5% A-D Critical Value	0.769	Detected Data Not Gamma Distributed at 5% Significance Level
K-S Test Statistic	0.27	<b>Kolmogorov-Smirnov GOF</b>
5% K-S Critical Value	0.266	Detected Data Not Gamma Distributed at 5% Significance Level

**Detected Data Not Gamma Distributed at 5% Significance Level**

**Gamma Statistics on Detected Data Only**

k hat (MLE)	0.66	k star (bias corrected MLE)	0.54
Theta hat (MLE)	140.7	Theta star (bias corrected MLE)	171.8
nu hat (MLE)	14.51	nu star (bias corrected)	11.89
MLE Mean (bias corrected)	92.84	MLE Sd (bias corrected)	126.3

**Gamma Kaplan-Meier (KM) Statistics**

k hat (KM)	0.103	nu hat (KM)	10.27
Approximate Chi Square Value (10.27, $\alpha$ )	4.109	Adjusted Chi Square Value (10.27, $\beta$ )	3.994
95% Gamma Approximate KM-UCL (use when $n \geq 50$ )	57.72	95% Gamma Adjusted KM-UCL (use when $n < 50$ )	59.39

**Gamma ROS Statistics using Imputed Non-Detects**

GROS may not be used when data set has > 50% NDs with many tied observations at multiple DLs

GROS may not be used when kstar of detected data is small such as < 0.1

For such situations, GROS method tends to yield inflated values of UCLs and BTVs

For gamma distributed detected data, BTVs and UCLs may be computed using gamma distribution on KM estimates

Minimum	0.01	Mean	20.43
Maximum	440	Median	0.01
SD	73.17	CV	3.581
k hat (MLE)	0.134	k star (bias corrected MLE)	0.14
Theta hat (MLE)	152.2	Theta star (bias corrected MLE)	146.4
nu hat (MLE)	13.43	nu star (bias corrected)	13.95
MLE Mean (bias corrected)	20.43	MLE Sd (bias corrected)	54.7
		Adjusted Level of Significance ( $\beta$ )	0.0452
Approximate Chi Square Value (13.95, $\alpha$ )	6.54	Adjusted Chi Square Value (13.95, $\beta$ )	6.389
95% Gamma Approximate UCL (use when $n \geq 50$ )	43.59	95% Gamma Adjusted UCL (use when $n < 50$ )	44.63

**Aldrin (cont'd)**

**Lognormal GOF Test on Detected Observations Only**

Shapiro Wilk Test Statistic	0.911	<b>Shapiro Wilk GOF Test</b>
5% Shapiro Wilk Critical Value	0.85	Detected Data appear Lognormal at 5% Significance Level
Lilliefors Test Statistic	0.189	<b>Lilliefors GOF Test</b>
5% Lilliefors Critical Value	0.267	Detected Data appear Lognormal at 5% Significance Level

**Detected Data appear Lognormal at 5% Significance Level**

**Lognormal ROS Statistics Using Imputed Non-Detects**

Mean in Original Scale	21.14	Mean in Log Scale	0.517
SD in Original Scale	72.97	SD in Log Scale	1.914
95% t UCL (assumes normality of ROS data)	38.44	95% Percentile Bootstrap UCL	39.3
95% BCA Bootstrap UCL	47.16	95% Bootstrap t UCL	59.88
95% H-UCL (Log ROS)	27.3		

**UCLs using Lognormal Distribution and KM Estimates when Detected data are Lognormally Distributed**

KM Mean (logged)	1.406	95% H-UCL (KM -Log)	20.84
KM SD (logged)	1.442	95% Critical H Value (KM-Log)	2.867
KM Standard Error of Mean (logged)	0.233		

**DL/2 Statistics**

**DL/2 Normal**

Mean in Original Scale	32.16
SD in Original Scale	73.33
95% t UCL (Assumes normality)	49.54

**DL/2 Log-Transformed**

Mean in Log Scale	1.969
SD in Log Scale	1.767
95% H-Stat UCL	78.54

**DL/2 is not a recommended method, provided for comparisons and historical reasons**

**Nonparametric Distribution Free UCL Statistics**

**Detected Data appear Lognormal Distributed at 5% Significance Level**

**Suggested UCL to Use**

**95% KM (BCA) UCL 41.37**

Note: Suggestions regarding the selection of a 95% UCL are provided to help the user to select the most appropriate 95% UCL.

Recommendations are based upon data size, data distribution, and skewness.

These recommendations are based upon the results of the simulation studies summarized in Singh, Maichle, and Lee (2006).

However, simulations results will not cover all Real World data sets; for additional insight the user may want to consult a statistician.

**Aluminum**

**General Statistics**

Total Number of Observations	50	Number of Distinct Observations	47
		Number of Missing Observations	0
Minimum	1300	Mean	9469
Maximum	28800	Median	8555
SD	6209	Std. Error of Mean	878
Coefficient of Variation	0.656	Skewness	0.655

**Normal GOF Test**

Shapiro Wilk Test Statistic	0.935	<b>Shapiro Wilk GOF Test</b>
5% Shapiro Wilk Critical Value	0.947	Data Not Normal at 5% Significance Level
Lilliefors Test Statistic	0.0941	<b>Lilliefors GOF Test</b>
5% Lilliefors Critical Value	0.125	Data appear Normal at 5% Significance Level

**Data appear Approximate Normal at 5% Significance Level**

**Assuming Normal Distribution**

<b>95% Normal UCL</b>	<b>95% UCLs (Adjusted for Skewness)</b>
95% Student's-t UCL 10941	95% Adjusted-CLT UCL (Chen-1995) 11000
	95% Modified-t UCL (Johnson-1978) 10954

**Gamma GOF Test**

A-D Test Statistic	0.752	<b>Anderson-Darling Gamma GOF Test</b>
5% A-D Critical Value	0.763	Detected data appear Gamma Distributed at 5% Significance Level
K-S Test Statistic	0.124	<b>Kolmogrov-Smirnov Gamma GOF Test</b>
5% K-S Critical Value	0.127	Detected data appear Gamma Distributed at 5% Significance Level

**Detected data appear Gamma Distributed at 5% Significance Level**

**Gamma Statistics**

k hat (MLE)	1.962	k star (bias corrected MLE)	1.858
Theta hat (MLE)	4825	Theta star (bias corrected MLE)	5096
nu hat (MLE)	196.2	nu star (bias corrected)	185.8
MLE Mean (bias corrected)	9469	MLE Sd (bias corrected)	6946
		Approximate Chi Square Value (0.05)	155.3
Adjusted Level of Significance	0.0452	Adjusted Chi Square Value	154.4

**Assuming Gamma Distribution**

95% Approximate Gamma UCL (use when n>=50))	11331	95% Adjusted Gamma UCL (use when n<50)	11391
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**Lognormal GOF Test**

Shapiro Wilk Test Statistic	0.917	<b>Shapiro Wilk Lognormal GOF Test</b>
5% Shapiro Wilk Critical Value	0.947	Data Not Lognormal at 5% Significance Level
Lilliefors Test Statistic	0.135	<b>Lilliefors Lognormal GOF Test</b>
5% Lilliefors Critical Value	0.125	Data Not Lognormal at 5% Significance Level

**Data Not Lognormal at 5% Significance Level**

**Lognormal Statistics**

Minimum of Logged Data	7.17	Mean of logged Data	8.88
Maximum of Logged Data	10.27	SD of logged Data	0.828

**Assuming Lognormal Distribution**

95% H-UCL	13080	90% Chebyshev (MVUE) UCL	14005
95% Chebyshev (MVUE) UCL	15804	97.5% Chebyshev (MVUE) UCL	18302
99% Chebyshev (MVUE) UCL	23209		

**Nonparametric Distribution Free UCL Statistics**

**Data appear to follow a Discernible Distribution at 5% Significance Level**

**Aluminum (cont'd)**

**Nonparametric Distribution Free UCLs**

95% CLT UCL	10913	95% Jackknife UCL	10941
95% Standard Bootstrap UCL	10914	95% Bootstrap-t UCL	11078
95% Hall's Bootstrap UCL	11057	95% Percentile Bootstrap UCL	10897
95% BCA Bootstrap UCL	11044		
90% Chebyshev(Mean, Sd) UCL	12103	95% Chebyshev(Mean, Sd) UCL	13296
97.5% Chebyshev(Mean, Sd) UCL	14952	99% Chebyshev(Mean, Sd) UCL	18205

**Suggested UCL to Use**

95% Student's-t UCL 10941

Note: Suggestions regarding the selection of a 95% UCL are provided to help the user to select the most appropriate 95% UCL.

These recommendations are based upon the results of the simulation studies summarized in Singh, Singh, and Iaci (2002) and Singh and Singh (2003). However, simulations results will not cover all Real World data sets.

For additional insight the user may want to consult a statistician.

**Arsenic**

General Statistics			
Total Number of Observations	50	Number of Distinct Observations	46
		Number of Missing Observations	0
Minimum	2.2	Mean	13.25
Maximum	57.4	Median	12.75
SD	9.901	Std. Error of Mean	1.4
Coefficient of Variation	0.747	Skewness	1.976
Normal GOF Test			
Shapiro Wilk Test Statistic	0.847	Shapiro Wilk GOF Test	
5% Shapiro Wilk Critical Value	0.947	Data Not Normal at 5% Significance Level	
Lilliefors Test Statistic	0.132	Lilliefors GOF Test	
5% Lilliefors Critical Value	0.125	Data Not Normal at 5% Significance Level	
Data Not Normal at 5% Significance Level			
Assuming Normal Distribution			
95% Normal UCL		95% UCLs (Adjusted for Skewness)	
95% Student's-t UCL	15.6	95% Adjusted-CLT UCL (Chen-1995)	15.98
		95% Modified-t UCL (Johnson-1978)	15.67
Gamma GOF Test			
A-D Test Statistic	0.561	Anderson-Darling Gamma GOF Test	
5% A-D Critical Value	0.763	Detected data appear Gamma Distributed at 5% Significance Level	
K-S Test Statistic	0.099	Kolmogrov-Smirnoff Gamma GOF Test	
5% K-S Critical Value	0.127	Detected data appear Gamma Distributed at 5% Significance Level	
Detected data appear Gamma Distributed at 5% Significance Level			
Gamma Statistics			
k hat (MLE)	2.035	k star (bias corrected MLE)	1.926
Theta hat (MLE)	6.512	Theta star (bias corrected MLE)	6.88
nu hat (MLE)	203.5	nu star (bias corrected)	192.6
MLE Mean (bias corrected)	13.25	MLE Sd (bias corrected)	9.549
		Approximate Chi Square Value (0.05)	161.5
Adjusted Level of Significance	0.0452	Adjusted Chi Square Value	160.7
Assuming Gamma Distribution			
95% Approximate Gamma UCL (use when n>=50)	15.81	95% Adjusted Gamma UCL (use when n<50)	15.89
Lognormal GOF Test			
Shapiro Wilk Test Statistic	0.953	Shapiro Wilk Lognormal GOF Test	
5% Shapiro Wilk Critical Value	0.947	Data appear Lognormal at 5% Significance Level	
Lilliefors Test Statistic	0.145	Lilliefors Lognormal GOF Test	
5% Lilliefors Critical Value	0.125	Data Not Lognormal at 5% Significance Level	
Data appear Approximate Lognormal at 5% Significance Level			
Lognormal Statistics			
Minimum of Logged Data	0.788	Mean of logged Data	2.319
Maximum of Logged Data	4.05	SD of logged Data	0.77
Assuming Lognormal Distribution			
95% H-UCL	17.23	90% Chebyshev (MVUE) UCL	18.5
95% Chebyshev (MVUE) UCL	20.73	97.5% Chebyshev (MVUE) UCL	23.83
99% Chebyshev (MVUE) UCL	29.92		
Nonparametric Distribution Free UCL Statistics			
Data appear to follow a Discernible Distribution at 5% Significance Level			

**Arsenic (cont'd)**

<b>Nonparametric Distribution Free UCLs</b>			
95% CLT UCL	15.56	95% Jackknife UCL	15.6
95% Standard Bootstrap UCL	15.49	95% Bootstrap-t UCL	16.28
95% Hall's Bootstrap UCL	16.92	95% Percentile Bootstrap UCL	15.5
95% BCA Bootstrap UCL	16.21		
90% Chebyshev(Mean, Sd) UCL	17.45	95% Chebyshev(Mean, Sd) UCL	19.36
97.5% Chebyshev(Mean, Sd) UCL	22	99% Chebyshev(Mean, Sd) UCL	27.19

**Suggested UCL to Use**

95% Approximate Gamma UCL 15.81

Note: Suggestions regarding the selection of a 95% UCL are provided to help the user to select the most appropriate 95% UCL.

These recommendations are based upon the results of the simulation studies summarized in Singh, Singh, and Iaci (2002) and Singh and Singh (2003). However, simulations results will not cover all Real World data sets.

For additional insight the user may want to consult a statistician.

**Barium**

**General Statistics**

Total Number of Observations	50	Number of Distinct Observations	48
		Number of Missing Observations	0
Minimum	10.9	Mean	233.6
Maximum	747	Median	191.5
SD	194.5	Std. Error of Mean	27.5
Coefficient of Variation	0.833	Skewness	0.776

**Normal GOF Test**

Shapiro Wilk Test Statistic	0.899	<b>Shapiro Wilk GOF Test</b>
5% Shapiro Wilk Critical Value	0.947	Data Not Normal at 5% Significance Level
Lilliefors Test Statistic	0.126	<b>Lilliefors GOF Test</b>
5% Lilliefors Critical Value	0.125	Data Not Normal at 5% Significance Level

**Data Not Normal at 5% Significance Level**

**Assuming Normal Distribution**

<b>95% Normal UCL</b>		<b>95% UCLs (Adjusted for Skewness)</b>	
95% Student's-t UCL	279.7	95% Adjusted-CLT UCL (Chen-1995)	282.1
		95% Modified-t UCL (Johnson-1978)	280.2

**Gamma GOF Test**

A-D Test Statistic	1.204	<b>Anderson-Darling Gamma GOF Test</b>
5% A-D Critical Value	0.778	Data Not Gamma Distributed at 5% Significance Level
K-S Test Statistic	0.143	<b>Kolmogrov-Smirnov Gamma GOF Test</b>
5% K-S Critical Value	0.129	Data Not Gamma Distributed at 5% Significance Level

**Data Not Gamma Distributed at 5% Significance Level**

**Gamma Statistics**

k hat (MLE)	1.086	k star (bias corrected MLE)	1.034
Theta hat (MLE)	215.1	Theta star (bias corrected MLE)	225.8
nu hat (MLE)	108.6	nu star (bias corrected)	103.4
MLE Mean (bias corrected)	233.6	MLE Sd (bias corrected)	229.7
		Approximate Chi Square Value (0.05)	80.97
Adjusted Level of Significance	0.0452	Adjusted Chi Square Value	80.38

**Assuming Gamma Distribution**

95% Approximate Gamma UCL (use when n>=50))	298.4	95% Adjusted Gamma UCL (use when n<50)	300.6
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**Lognormal GOF Test**

Shapiro Wilk Test Statistic	0.888	<b>Shapiro Wilk Lognormal GOF Test</b>
5% Shapiro Wilk Critical Value	0.947	Data Not Lognormal at 5% Significance Level
Lilliefors Test Statistic	0.156	<b>Lilliefors Lognormal GOF Test</b>
5% Lilliefors Critical Value	0.125	Data Not Lognormal at 5% Significance Level

**Data Not Lognormal at 5% Significance Level**

**Lognormal Statistics**

Minimum of Logged Data	2.389	Mean of logged Data	4.927
Maximum of Logged Data	6.616	SD of logged Data	1.206

**Assuming Lognormal Distribution**

95% H-UCL	444.9	90% Chebyshev (MVUE) UCL	455.1
95% Chebyshev (MVUE) UCL	535.1	97.5% Chebyshev (MVUE) UCL	646
99% Chebyshev (MVUE) UCL	863.9		

**Nonparametric Distribution Free UCL Statistics**

**Data do not follow a Discernible Distribution (0.05)**

**Barium (cont'd)**

<b>Nonparametric Distribution Free UCLs</b>			
95% CLT UCL	278.8	95% Jackknife UCL	279.7
95% Standard Bootstrap UCL	277.8	95% Bootstrap-t UCL	284.2
95% Hall's Bootstrap UCL	281.5	95% Percentile Bootstrap UCL	280
95% BCA Bootstrap UCL	282.2		
90% Chebyshev(Mean, Sd) UCL	316.1	95% Chebyshev(Mean, Sd) UCL	353.5
97.5% Chebyshev(Mean, Sd) UCL	405.3	99% Chebyshev(Mean, Sd) UCL	507.2

**Suggested UCL to Use**

95% Chebyshev (Mean, Sd) UCL 353.5

Note: Suggestions regarding the selection of a 95% UCL are provided to help the user to select the most appropriate 95% UCL.

These recommendations are based upon the results of the simulation studies summarized in Singh, Singh, and Iaci (2002) and Singh and Singh (2003). However, simulations results will not cover all Real World data sets.

For additional insight the user may want to consult a statistician.



**Beryllium**

**General Statistics**

Total Number of Observations	50	Number of Distinct Observations	37
Number of Detects	49	Number of Non-Detects	1
Number of Distinct Detects	36	Number of Distinct Non-Detects	1
Minimum Detect	0.048	Minimum Non-Detect	0.97
Maximum Detect	1.1	Maximum Non-Detect	0.97
Variance Detects	0.0898	Percent Non-Detects	2%
Mean Detects	0.468	SD Detects	0.3
Median Detects	0.43	CV Detects	0.641
Skewness Detects	0.286	Kurtosis Detects	-1.188
Mean of Logged Detects	-1.034	SD of Logged Detects	0.821

**Normal GOF Test on Detects Only**

Shapiro Wilk Test Statistic	0.918	<b>Shapiro Wilk GOF Test</b>
5% Shapiro Wilk Critical Value	0.947	Detected Data Not Normal at 5% Significance Level
Lilliefors Test Statistic	0.126	<b>Lilliefors GOF Test</b>
5% Lilliefors Critical Value	0.127	Detected Data appear Normal at 5% Significance Level

**Detected Data appear Approximate Normal at 5% Significance Level**

**Kaplan-Meier (KM) Statistics using Normal Critical Values and other Nonparametric UCLs**

Mean	0.467	Standard Error of Mean	0.0427
SD	0.296	95% KM (BCA) UCL	0.534
95% KM (t) UCL	0.539	95% KM (Percentile Bootstrap) UCL	0.541
95% KM (z) UCL	0.537	95% KM Bootstrap t UCL	0.543
90% KM Chebyshev UCL	0.595	95% KM Chebyshev UCL	0.653
97.5% KM Chebyshev UCL	0.734	99% KM Chebyshev UCL	0.892

**Gamma GOF Tests on Detected Observations Only**

A-D Test Statistic	1.095	<b>Anderson-Darling GOF Test</b>
5% A-D Critical Value	0.763	Detected Data Not Gamma Distributed at 5% Significance Level
K-S Test Statistic	0.154	<b>Kolmogorov-Smirnov GOF</b>
5% K-S Critical Value	0.128	Detected Data Not Gamma Distributed at 5% Significance Level

**Detected Data Not Gamma Distributed at 5% Significance Level**

**Gamma Statistics on Detected Data Only**

k hat (MLE)	1.978	k star (bias corrected MLE)	1.87
Theta hat (MLE)	0.236	Theta star (bias corrected MLE)	0.25
nu hat (MLE)	193.8	nu star (bias corrected)	183.3
MLE Mean (bias corrected)	0.468	MLE Sd (bias corrected)	0.342

**Gamma Kaplan-Meier (KM) Statistics**

k hat (KM)	2.487	nu hat (KM)	248.7
Approximate Chi Square Value (248.70, $\alpha$ )	213.2	Adjusted Chi Square Value (248.70, $\beta$ )	212.2
95% Gamma Approximate KM-UCL (use when $n \geq 50$ )	0.545	95% Gamma Adjusted KM-UCL (use when $n < 50$ )	0.548

**Gamma ROS Statistics using Imputed Non-Detects**

GROS may not be used when data set has > 50% NDs with many tied observations at multiple DLs

GROS may not be used when kstar of detected data is small such as < 0.1

For such situations, GROS method tends to yield inflated values of UCLs and BTVs

For gamma distributed detected data, BTVs and UCLs may be computed using gamma distribution on KM estimates

Minimum	0.048	Mean	0.466
Maximum	1.1	Median	0.41
SD	0.297	CV	0.637
k hat (MLE)	2.013	k star (bias corrected MLE)	1.906
Theta hat (MLE)	0.232	Theta star (bias corrected MLE)	0.245
nu hat (MLE)	201.3	nu star (bias corrected)	190.6
MLE Mean (bias corrected)	0.466	MLE Sd (bias corrected)	0.338
		Adjusted Level of Significance ( $\beta$ )	0.0452
Approximate Chi Square Value (190.58, $\alpha$ )	159.6	Adjusted Chi Square Value (190.58, $\beta$ )	158.8
95% Gamma Approximate UCL (use when $n \geq 50$ )	0.556	95% Gamma Adjusted UCL (use when $n < 50$ )	0.559

**Beryllium (cont'd)**

**Lognormal GOF Test on Detected Observations Only**

Shapiro Wilk Test Statistic	0.912	<b>Shapiro Wilk GOF Test</b>
5% Shapiro Wilk Critical Value	0.947	Detected Data Not Lognormal at 5% Significance Level
Lilliefors Test Statistic	0.166	<b>Lilliefors GOF Test</b>
5% Lilliefors Critical Value	0.127	Detected Data Not Lognormal at 5% Significance Level

**Detected Data Not Lognormal at 5% Significance Level**

**Lognormal ROS Statistics Using Imputed Non-Detects**

Mean in Original Scale	0.465	Mean in Log Scale	-1.035
SD in Original Scale	0.297	SD in Log Scale	0.813
95% t UCL (assumes normality of ROS data)	0.536	95% Percentile Bootstrap UCL	0.534
95% BCA Bootstrap UCL	0.536	95% Bootstrap t UCL	0.536
95% H-UCL (Log ROS)	0.635		

**DL/2 Statistics**

<b>DL/2 Normal</b>		<b>DL/2 Log-Transformed</b>	
Mean in Original Scale	0.468	Mean in Log Scale	-1.027
SD in Original Scale	0.297	SD in Log Scale	0.814
95% t UCL (Assumes normality)	0.538	95% H-Stat UCL	0.64

**DL/2 is not a recommended method, provided for comparisons and historical reasons**

**Nonparametric Distribution Free UCL Statistics**

**Detected Data appear Approximate Normal Distributed at 5% Significance Level**

**Suggested UCL to Use**

95% KM (t) UCL	0.539	95% KM (Percentile Bootstrap) UCL	0.541
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Note: Suggestions regarding the selection of a 95% UCL are provided to help the user to select the most appropriate 95% UCL.

Recommendations are based upon data size, data distribution, and skewness.

These recommendations are based upon the results of the simulation studies summarized in Singh, Maichle, and Lee (2006).

However, simulations results will not cover all Real World data sets; for additional insight the user may want to consult a statistician.

beta-BHC

General Statistics

Total Number of Observations	47	Number of Distinct Observations	37
Number of Detects	9	Number of Non-Detects	38
Number of Distinct Detects	9	Number of Distinct Non-Detects	30
Minimum Detect	0.36	Minimum Non-Detect	1.8
Maximum Detect	100	Maximum Non-Detect	230
Variance Detects	1082	Percent Non-Detects	80.85%
Mean Detects	17.21	SD Detects	32.89
Median Detects	2.8	CV Detects	1.911
Skewness Detects	2.49	Kurtosis Detects	6.289
Mean of Logged Detects	1.454	SD of Logged Detects	1.728

Normal GOF Test on Detects Only

Shapiro Wilk Test Statistic	0.582	<b>Shapiro Wilk GOF Test</b>
5% Shapiro Wilk Critical Value	0.829	Detected Data Not Normal at 5% Significance Level
Lilliefors Test Statistic	0.39	<b>Lilliefors GOF Test</b>
5% Lilliefors Critical Value	0.295	Detected Data Not Normal at 5% Significance Level

Detected Data Not Normal at 5% Significance Level

Kaplan-Meier (KM) Statistics using Normal Critical Values and other Nonparametric UCLs

Mean	4.683	Standard Error of Mean	2.562
SD	15.65	95% KM (BCA) UCL	9.572
95% KM (t) UCL	8.983	95% KM (Percentile Bootstrap) UCL	9.298
95% KM (z) UCL	8.897	95% KM Bootstrap t UCL	31.38
90% KM Chebyshev UCL	12.37	95% KM Chebyshev UCL	15.85
97.5% KM Chebyshev UCL	20.68	99% KM Chebyshev UCL	30.18

Gamma GOF Tests on Detected Observations Only

A-D Test Statistic	0.784	<b>Anderson-Darling GOF Test</b>
5% A-D Critical Value	0.778	Detected Data Not Gamma Distributed at 5% Significance Level
K-S Test Statistic	0.299	<b>Kolmogrov-Smirnov GOF</b>
5% K-S Critical Value	0.295	Detected Data Not Gamma Distributed at 5% Significance Level

Detected Data Not Gamma Distributed at 5% Significance Level

Gamma Statistics on Detected Data Only

k hat (MLE)	0.462	k star (bias corrected MLE)	0.382
Theta hat (MLE)	37.22	Theta star (bias corrected MLE)	45.02
nu hat (MLE)	8.321	nu star (bias corrected)	6.88
MLE Mean (bias corrected)	17.21	MLE Sd (bias corrected)	27.83

Gamma Kaplan-Meier (KM) Statistics

k hat (KM)	0.0895	nu hat (KM)	8.412
Approximate Chi Square Value (8.41, $\alpha$ )	2.976	Adjusted Chi Square Value (8.41, $\beta$ )	2.874
95% Gamma Approximate KM-UCL (use when $n \geq 50$ )	13.24	95% Gamma Adjusted KM-UCL (use when $n < 50$ )	13.71

Gamma (KM) may not be used when k hat (KM) is < 0.1

Gamma ROS Statistics using Imputed Non-Detects

GROS may not be used when data set has > 50% NDs with many tied observations at multiple DLs

GROS may not be used when kstar of detected data is small such as < 0.1

For such situations, GROS method tends to yield inflated values of UCLs and BTVs

For gamma distributed detected data, BTVs and UCLs may be computed using gamma distribution on KM estimates

Minimum	0.01	Mean	3.303
Maximum	100	Median	0.01
SD	15.33	CV	4.64
k hat (MLE)	0.164	k star (bias corrected MLE)	0.167
Theta hat (MLE)	20.19	Theta star (bias corrected MLE)	19.74
nu hat (MLE)	15.37	nu star (bias corrected)	15.73
MLE Mean (bias corrected)	3.303	MLE Sd (bias corrected)	8.075
		Adjusted Level of Significance ( $\beta$ )	0.0449
Approximate Chi Square Value (15.73, $\alpha$ )	7.77	Adjusted Chi Square Value (15.73, $\beta$ )	7.592
95% Gamma Approximate UCL (use when $n \geq 50$ )	6.686	95% Gamma Adjusted UCL (use when $n < 50$ )	6.842

beta-BHC (cont'd)

**Lognormal GOF Test on Detected Observations Only**

Shapiro Wilk Test Statistic	0.944	<b>Shapiro Wilk GOF Test</b>
5% Shapiro Wilk Critical Value	0.829	Detected Data appear Lognormal at 5% Significance Level
Lilliefors Test Statistic	0.213	<b>Lilliefors GOF Test</b>
5% Lilliefors Critical Value	0.295	Detected Data appear Lognormal at 5% Significance Level

**Detected Data appear Lognormal at 5% Significance Level**

**Lognormal ROS Statistics Using Imputed Non-Detects**

Mean in Original Scale	3.898	Mean in Log Scale	-0.0442
SD in Original Scale	15.2	SD in Log Scale	1.126
95% t UCL (assumes normality of ROS data)	7.62	95% Percentile Bootstrap UCL	7.987
95% BCA Bootstrap UCL	10.3	95% Bootstrap t UCL	53.2
95% H-UCL (Log ROS)	2.719		

**UCLs using Lognormal Distribution and KM Estimates when Detected data are Lognormally Distributed**

KM Mean (logged)	0.195	95% H-UCL (KM -Log)	4.204
KM SD (logged)	1.238	95% Critical H Value (KM-Log)	2.598
KM Standard Error of Mean (logged)	0.364		

**DL/2 Statistics**

**DL/2 Normal**

Mean in Original Scale	17.07
SD in Original Scale	25.79
95% t UCL (Assumes normality)	23.39

**DL/2 Log-Transformed**

Mean in Log Scale	1.742
SD in Log Scale	1.581
95% H-Stat UCL	40.3

**DL/2 is not a recommended method, provided for comparisons and historical reasons**

**Nonparametric Distribution Free UCL Statistics**

**Detected Data appear Lognormal Distributed at 5% Significance Level**

**Suggested UCL to Use**

95% KM (Chebyshev) UCL	15.85
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Note: Suggestions regarding the selection of a 95% UCL are provided to help the user to select the most appropriate 95% UCL.

Recommendations are based upon data size, data distribution, and skewness.

These recommendations are based upon the results of the simulation studies summarized in Singh, Maichle, and Lee (2006).

However, simulations results will not cover all Real World data sets; for additional insight the user may want to consult a statistician.

**bis(2-Ethylhexyl)phthalate**

**General Statistics**

Total Number of Observations	50	Number of Distinct Observations	42
Number of Detects	22	Number of Non-Detects	28
Number of Distinct Detects	20	Number of Distinct Non-Detects	26
Minimum Detect	24	Minimum Non-Detect	31
Maximum Detect	2300	Maximum Non-Detect	2500
Variance Detects	347073	Percent Non-Detects	56%
Mean Detects	438.6	SD Detects	589.1
Median Detects	170	CV Detects	1.343
Skewness Detects	1.878	Kurtosis Detects	3.558
Mean of Logged Detects	5.181	SD of Logged Detects	1.438

**Normal GOF Test on Detects Only**

Shapiro Wilk Test Statistic	0.725	<b>Shapiro Wilk GOF Test</b>
5% Shapiro Wilk Critical Value	0.911	Detected Data Not Normal at 5% Significance Level
Lilliefors Test Statistic	0.274	<b>Lilliefors GOF Test</b>
5% Lilliefors Critical Value	0.189	Detected Data Not Normal at 5% Significance Level

**Detected Data Not Normal at 5% Significance Level**

**Kaplan-Meier (KM) Statistics using Normal Critical Values and other Nonparametric UCLs**

Mean	243.5	Standard Error of Mean	64.34
SD	430.9	95% KM (BCA) UCL	359.3
95% KM (t) UCL	351.3	95% KM (Percentile Bootstrap) UCL	352.2
95% KM (z) UCL	349.3	95% KM Bootstrap t UCL	403.3
90% KM Chebyshev UCL	436.5	95% KM Chebyshev UCL	523.9
97.5% KM Chebyshev UCL	645.2	99% KM Chebyshev UCL	883.6

**Gamma GOF Tests on Detected Observations Only**

A-D Test Statistic	0.851	<b>Anderson-Darling GOF Test</b>
5% A-D Critical Value	0.789	Detected Data Not Gamma Distributed at 5% Significance Level
K-S Test Statistic	0.182	<b>Kolmogorov-Smirnov GOF</b>
5% K-S Critical Value	0.194	Detected data appear Gamma Distributed at 5% Significance Level

**Detected data follow Appr. Gamma Distribution at 5% Significance Level**

**Gamma Statistics on Detected Data Only**

k hat (MLE)	0.673	k star (bias corrected MLE)	0.612
Theta hat (MLE)	651.4	Theta star (bias corrected MLE)	716.9
nu hat (MLE)	29.63	nu star (bias corrected)	26.92
MLE Mean (bias corrected)	438.6	MLE Sd (bias corrected)	560.7

**Gamma Kaplan-Meier (KM) Statistics**

k hat (KM)	0.319	nu hat (KM)	31.92
Approximate Chi Square Value (31.92, $\alpha$ )	20.01	Adjusted Chi Square Value (31.92, $\beta$ )	19.73
95% Gamma Approximate KM-UCL (use when $n \geq 50$ )	388.4	95% Gamma Adjusted KM-UCL (use when $n < 50$ )	393.9

**Gamma ROS Statistics using Imputed Non-Detects**

GROS may not be used when data set has > 50% NDs with many tied observations at multiple DLs

GROS may not be used when kstar of detected data is small such as < 0.1

For such situations, GROS method tends to yield inflated values of UCLs and BTVs

For gamma distributed detected data, BTVs and UCLs may be computed using gamma distribution on KM estimates

Minimum	0.01	Mean	202.1
Maximum	2300	Median	25.5
SD	440.8	CV	2.181
k hat (MLE)	0.207	k star (bias corrected MLE)	0.208
Theta hat (MLE)	974.8	Theta star (bias corrected MLE)	970.6
nu hat (MLE)	20.74	nu star (bias corrected)	20.83
MLE Mean (bias corrected)	202.1	MLE Sd (bias corrected)	442.9
		Adjusted Level of Significance ( $\beta$ )	0.0452
Approximate Chi Square Value (20.83, $\alpha$ )	11.46	Adjusted Chi Square Value (20.83, $\beta$ )	11.25
95% Gamma Approximate UCL (use when $n \geq 50$ )	367.3	95% Gamma Adjusted UCL (use when $n < 50$ )	374

**bis(2-Ethylhexyl)phthalate (cont'd)**

**Lognormal GOF Test on Detected Observations Only**

Shapiro Wilk Test Statistic	0.932	<b>Shapiro Wilk GOF Test</b>
5% Shapiro Wilk Critical Value	0.911	Detected Data appear Lognormal at 5% Significance Level
Lilliefors Test Statistic	0.164	<b>Lilliefors GOF Test</b>
5% Lilliefors Critical Value	0.189	Detected Data appear Lognormal at 5% Significance Level

**Detected Data appear Lognormal at 5% Significance Level**

**Lognormal ROS Statistics Using Imputed Non-Detects**

Mean in Original Scale	230.9	Mean in Log Scale	4.603
SD in Original Scale	428.5	SD in Log Scale	1.116
95% t UCL (assumes normality of ROS data)	332.5	95% Percentile Bootstrap UCL	340.2
95% BCA Bootstrap UCL	362.1	95% Bootstrap t UCL	391.5
95% H-UCL (Log ROS)	275.7		

**UCLs using Lognormal Distribution and KM Estimates when Detected data are Lognormally Distributed**

KM Mean (logged)	4.553	95% H-UCL (KM -Log)	330.1
KM SD (logged)	1.248	95% Critical H Value (KM-Log)	2.626
KM Standard Error of Mean (logged)	0.216		

**DL/2 Statistics**

**DL/2 Normal**

Mean in Original Scale	340.4
SD in Original Scale	438.5
95% t UCL (Assumes normality)	444.4

**DL/2 Log-Transformed**

Mean in Log Scale	5.186
SD in Log Scale	1.17
95% H-Stat UCL	541.2

**DL/2 is not a recommended method, provided for comparisons and historical reasons**

**Nonparametric Distribution Free UCL Statistics**

**Detected Data appear Approximate Gamma Distributed at 5% Significance Level**

**Suggested UCL to Use**

95% KM (t) UCL	351.3	95% GROS Approximate Gamma UCL	367.3
95% Approximate Gamma KM-UCL	388.4		

Note: Suggestions regarding the selection of a 95% UCL are provided to help the user to select the most appropriate 95% UCL.

Recommendations are based upon data size, data distribution, and skewness.

These recommendations are based upon the results of the simulation studies summarized in Singh, Maichle, and Lee (2006).

However, simulations results will not cover all Real World data sets; for additional insight the user may want to consult a statistician.

**Cadmium**

**General Statistics**

Total Number of Observations	50	Number of Distinct Observations	44
Number of Detects	43	Number of Non-Detects	7
Number of Distinct Detects	37	Number of Distinct Non-Detects	7
Minimum Detect	0.13	Minimum Non-Detect	0.3
Maximum Detect	13.5	Maximum Non-Detect	1.4
Variance Detects	15.03	Percent Non-Detects	14%
Mean Detects	4.281	SD Detects	3.877
Median Detects	2.8	CV Detects	0.906
Skewness Detects	0.521	Kurtosis Detects	-0.977
Mean of Logged Detects	0.677	SD of Logged Detects	1.545

**Normal GOF Test on Detects Only**

Shapiro Wilk Test Statistic	0.877	<b>Shapiro Wilk GOF Test</b>
5% Shapiro Wilk Critical Value	0.943	Detected Data Not Normal at 5% Significance Level
Lilliefors Test Statistic	0.184	<b>Lilliefors GOF Test</b>
5% Lilliefors Critical Value	0.135	Detected Data Not Normal at 5% Significance Level

**Detected Data Not Normal at 5% Significance Level**

**Kaplan-Meier (KM) Statistics using Normal Critical Values and other Nonparametric UCLs**

Mean	3.716	Standard Error of Mean	0.547
SD	3.82	95% KM (BCA) UCL	4.669
95% KM (t) UCL	4.633	95% KM (Percentile Bootstrap) UCL	4.645
95% KM (z) UCL	4.615	95% KM Bootstrap t UCL	4.752
90% KM Chebyshev UCL	5.356	95% KM Chebyshev UCL	6.099
97.5% KM Chebyshev UCL	7.13	99% KM Chebyshev UCL	9.155

**Gamma GOF Tests on Detected Observations Only**

A-D Test Statistic	1.506	<b>Anderson-Darling GOF Test</b>
5% A-D Critical Value	0.789	Detected Data Not Gamma Distributed at 5% Significance Level
K-S Test Statistic	0.178	<b>Kolmogorov-Smirnov GOF</b>
5% K-S Critical Value	0.14	Detected Data Not Gamma Distributed at 5% Significance Level

**Detected Data Not Gamma Distributed at 5% Significance Level**

**Gamma Statistics on Detected Data Only**

k hat (MLE)	0.768	k star (bias corrected MLE)	0.73
Theta hat (MLE)	5.576	Theta star (bias corrected MLE)	5.866
nu hat (MLE)	66.04	nu star (bias corrected)	62.76
MLE Mean (bias corrected)	4.281	MLE Sd (bias corrected)	5.011

**Gamma Kaplan-Meier (KM) Statistics**

k hat (KM)	0.947	nu hat (KM)	94.66
Approximate Chi Square Value (94.66, $\alpha$ )	73.22	Adjusted Chi Square Value (94.66, $\beta$ )	72.67
95% Gamma Approximate KM-UCL (use when $n \geq 50$ )	4.804	95% Gamma Adjusted KM-UCL (use when $n < 50$ )	4.841

**Gamma ROS Statistics using Imputed Non-Detects**

GROS may not be used when data set has > 50% NDs with many tied observations at multiple DLs

GROS may not be used when kstar of detected data is small such as < 0.1

For such situations, GROS method tends to yield inflated values of UCLs and BTVs

For gamma distributed detected data, BTVs and UCLs may be computed using gamma distribution on KM estimates

Minimum	0.13	Mean	3.806
Maximum	13.5	Median	2.1
SD	3.781	CV	0.993
k hat (MLE)	0.773	k star (bias corrected MLE)	0.74
Theta hat (MLE)	4.924	Theta star (bias corrected MLE)	5.144
nu hat (MLE)	77.29	nu star (bias corrected)	73.99
MLE Mean (bias corrected)	3.806	MLE Sd (bias corrected)	4.425
		Adjusted Level of Significance ( $\beta$ )	0.0452
Approximate Chi Square Value (73.99, $\alpha$ )	55.18	Adjusted Chi Square Value (73.99, $\beta$ )	54.7
95% Gamma Approximate UCL (use when $n \geq 50$ )	5.104	95% Gamma Adjusted UCL (use when $n < 50$ )	5.149

**Cadmium (cont'd)**

**Lognormal GOF Test on Detected Observations Only**

Shapiro Wilk Test Statistic	0.86	<b>Shapiro Wilk GOF Test</b>
5% Shapiro Wilk Critical Value	0.943	Detected Data Not Lognormal at 5% Significance Level
Lilliefors Test Statistic	0.187	<b>Lilliefors GOF Test</b>
5% Lilliefors Critical Value	0.135	Detected Data Not Lognormal at 5% Significance Level

**Detected Data Not Lognormal at 5% Significance Level**

**Lognormal ROS Statistics Using Imputed Non-Detects**

Mean in Original Scale	3.733	Mean in Log Scale	0.441
SD in Original Scale	3.843	SD in Log Scale	1.548
95% t UCL (assumes normality of ROS data)	4.644	95% Percentile Bootstrap UCL	4.599
95% BCA Bootstrap UCL	4.659	95% Bootstrap t UCL	4.773
95% H-UCL (Log ROS)	10.02		

**DL/2 Statistics**

**DL/2 Normal**

Mean in Original Scale	3.732
SD in Original Scale	3.844
95% t UCL (Assumes normality)	4.644

**DL/2 Log-Transformed**

Mean in Log Scale	0.422
SD in Log Scale	1.578
95% H-Stat UCL	10.51

**DL/2 is not a recommended method, provided for comparisons and historical reasons**

**Nonparametric Distribution Free UCL Statistics**

**Data do not follow a Discernible Distribution at 5% Significance Level**

**Suggested UCL to Use**

97.5% KM (Chebyshev) UCL	7.13
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Note: Suggestions regarding the selection of a 95% UCL are provided to help the user to select the most appropriate 95% UCL.

Recommendations are based upon data size, data distribution, and skewness.

These recommendations are based upon the results of the simulation studies summarized in Singh, Maichle, and Lee (2006).

However, simulations results will not cover all Real World data sets; for additional insight the user may want to consult a statistician.



**Chromium**

**General Statistics**

Total Number of Observations	50	Number of Distinct Observations	49
		Number of Missing Observations	0
Minimum	4	Mean	120.2
Maximum	449	Median	69.15
SD	119.9	Std. Error of Mean	16.95
Coefficient of Variation	0.997	Skewness	0.883

**Normal GOF Test**

Shapiro Wilk Test Statistic	0.843	<b>Shapiro Wilk GOF Test</b>
5% Shapiro Wilk Critical Value	0.947	Data Not Normal at 5% Significance Level
Lilliefors Test Statistic	0.211	<b>Lilliefors GOF Test</b>
5% Lilliefors Critical Value	0.125	Data Not Normal at 5% Significance Level

**Data Not Normal at 5% Significance Level**

**Assuming Normal Distribution**

<b>95% Normal UCL</b>		<b>95% UCLs (Adjusted for Skewness)</b>	
95% Student's-t UCL	148.7	95% Adjusted-CLT UCL (Chen-1995)	150.4
		95% Modified-t UCL (Johnson-1978)	149

**Gamma GOF Test**

A-D Test Statistic	1.41	<b>Anderson-Darling Gamma GOF Test</b>
5% A-D Critical Value	0.791	Data Not Gamma Distributed at 5% Significance Level
K-S Test Statistic	0.146	<b>Kolmogrov-Smirnov Gamma GOF Test</b>
5% K-S Critical Value	0.13	Data Not Gamma Distributed at 5% Significance Level

**Data Not Gamma Distributed at 5% Significance Level**

**Gamma Statistics**

k hat (MLE)	0.787	k star (bias corrected MLE)	0.753
Theta hat (MLE)	152.8	Theta star (bias corrected MLE)	159.6
nu hat (MLE)	78.71	nu star (bias corrected)	75.32
MLE Mean (bias corrected)	120.2	MLE Sd (bias corrected)	138.5
		Approximate Chi Square Value (0.05)	56.33
Adjusted Level of Significance	0.0452	Adjusted Chi Square Value	55.84

**Assuming Gamma Distribution**

95% Approximate Gamma UCL (use when n>=50))	160.8	95% Adjusted Gamma UCL (use when n<50)	162.2
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**Lognormal GOF Test**

Shapiro Wilk Test Statistic	0.903	<b>Shapiro Wilk Lognormal GOF Test</b>
5% Shapiro Wilk Critical Value	0.947	Data Not Lognormal at 5% Significance Level
Lilliefors Test Statistic	0.163	<b>Lilliefors Lognormal GOF Test</b>
5% Lilliefors Critical Value	0.125	Data Not Lognormal at 5% Significance Level

**Data Not Lognormal at 5% Significance Level**

**Lognormal Statistics**

Minimum of Logged Data	1.386	Mean of logged Data	4.034
Maximum of Logged Data	6.107	SD of logged Data	1.43

**Assuming Lognormal Distribution**

95% H-UCL	281.3	90% Chebyshev (MVUE) UCL	270.7
95% Chebyshev (MVUE) UCL	325	97.5% Chebyshev (MVUE) UCL	400.3
99% Chebyshev (MVUE) UCL	548.1		

**Nonparametric Distribution Free UCL Statistics**

**Data do not follow a Discernible Distribution (0.05)**

**Chromium (cont'd)**

<b>Nonparametric Distribution Free UCLs</b>			
95% CLT UCL	148.1	95% Jackknife UCL	148.7
95% Standard Bootstrap UCL	148.3	95% Bootstrap-t UCL	151.3
95% Hall's Bootstrap UCL	150.4	95% Percentile Bootstrap UCL	147.7
95% BCA Bootstrap UCL	149.6		
90% Chebyshev(Mean, Sd) UCL	171.1	95% Chebyshev(Mean, Sd) UCL	194.1
97.5% Chebyshev(Mean, Sd) UCL	226.1	99% Chebyshev(Mean, Sd) UCL	288.9

**Suggested UCL to Use**

95% Chebyshev (Mean, Sd) UCL 194.1

Note: Suggestions regarding the selection of a 95% UCL are provided to help the user to select the most appropriate 95% UCL.

These recommendations are based upon the results of the simulation studies summarized in Singh, Singh, and Iaci (2002) and Singh and Singh (2003). However, simulations results will not cover all Real World data sets.

For additional insight the user may want to consult a statistician.

**Copper**

**General Statistics**

Total Number of Observations	50	Number of Distinct Observations	48
		Number of Missing Observations	0
Minimum	1.5	Mean	123.5
Maximum	390	Median	66.1
SD	120.7	Std. Error of Mean	17.07
Coefficient of Variation	0.978	Skewness	0.606

**Normal GOF Test**

Shapiro Wilk Test Statistic	0.845	<b>Shapiro Wilk GOF Test</b>
5% Shapiro Wilk Critical Value	0.947	Data Not Normal at 5% Significance Level
Lilliefors Test Statistic	0.197	<b>Lilliefors GOF Test</b>
5% Lilliefors Critical Value	0.125	Data Not Normal at 5% Significance Level

**Data Not Normal at 5% Significance Level**

**Assuming Normal Distribution**

<b>95% Normal UCL</b>		<b>95% UCLs (Adjusted for Skewness)</b>	
95% Student's-t UCL	152.1	95% Adjusted-CLT UCL (Chen-1995)	153.1
		95% Modified-t UCL (Johnson-1978)	152.3

**Gamma GOF Test**

A-D Test Statistic	1.605	<b>Anderson-Darling Gamma GOF Test</b>
5% A-D Critical Value	0.799	Data Not Gamma Distributed at 5% Significance Level
K-S Test Statistic	0.147	<b>Kolmogrov-Smirnov Gamma GOF Test</b>
5% K-S Critical Value	0.131	Data Not Gamma Distributed at 5% Significance Level

**Data Not Gamma Distributed at 5% Significance Level**

**Gamma Statistics**

k hat (MLE)	0.679	k star (bias corrected MLE)	0.651
Theta hat (MLE)	181.9	Theta star (bias corrected MLE)	189.5
nu hat (MLE)	67.88	nu star (bias corrected)	65.14
MLE Mean (bias corrected)	123.5	MLE Sd (bias corrected)	153
		Approximate Chi Square Value (0.05)	47.57
Adjusted Level of Significance	0.0452	Adjusted Chi Square Value	47.13

**Assuming Gamma Distribution**

95% Approximate Gamma UCL (use when n>=50))	169.1	95% Adjusted Gamma UCL (use when n<50)	170.7
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**Lognormal GOF Test**

Shapiro Wilk Test Statistic	0.881	<b>Shapiro Wilk Lognormal GOF Test</b>
5% Shapiro Wilk Critical Value	0.947	Data Not Lognormal at 5% Significance Level
Lilliefors Test Statistic	0.149	<b>Lilliefors Lognormal GOF Test</b>
5% Lilliefors Critical Value	0.125	Data Not Lognormal at 5% Significance Level

**Data Not Lognormal at 5% Significance Level**

**Lognormal Statistics**

Minimum of Logged Data	0.405	Mean of logged Data	3.922
Maximum of Logged Data	5.966	SD of logged Data	1.646

**Assuming Lognormal Distribution**

95% H-UCL	408.8	90% Chebyshev (MVUE) UCL	360.6
95% Chebyshev (MVUE) UCL	440.5	97.5% Chebyshev (MVUE) UCL	551.3
99% Chebyshev (MVUE) UCL	769		

**Nonparametric Distribution Free UCL Statistics**

**Data do not follow a Discernible Distribution (0.05)**

**Copper (cont'd)**

<b>Nonparametric Distribution Free UCLs</b>			
95% CLT UCL	151.6	95% Jackknife UCL	152.1
95% Standard Bootstrap UCL	152.1	95% Bootstrap-t UCL	152.7
95% Hall's Bootstrap UCL	151.9	95% Percentile Bootstrap UCL	152.9
95% BCA Bootstrap UCL	152.2		
90% Chebyshev(Mean, Sd) UCL	174.7	95% Chebyshev(Mean, Sd) UCL	197.9
97.5% Chebyshev(Mean, Sd) UCL	230.1	99% Chebyshev(Mean, Sd) UCL	293.3

**Suggested UCL to Use**

95% Chebyshev (Mean, Sd) UCL 197.9

Note: Suggestions regarding the selection of a 95% UCL are provided to help the user to select the most appropriate 95% UCL.

These recommendations are based upon the results of the simulation studies summarized in Singh, Singh, and Iaci (2002) and Singh and Singh (2003). However, simulations results will not cover all Real World data sets.

For additional insight the user may want to consult a statistician.

**Dieldrin**

**General Statistics**

Total Number of Observations	49	Number of Distinct Observations	42
Number of Detects	18	Number of Non-Detects	31
Number of Distinct Detects	17	Number of Distinct Non-Detects	26
Minimum Detect	2.1	Minimum Non-Detect	3.5
Maximum Detect	130	Maximum Non-Detect	230
Variance Detects	1547	Percent Non-Detects	63.27%
Mean Detects	39.14	SD Detects	39.33
Median Detects	23	CV Detects	1.005
Skewness Detects	1.473	Kurtosis Detects	1.486
Mean of Logged Detects	3.146	SD of Logged Detects	1.144

**Normal GOF Test on Detects Only**

Shapiro Wilk Test Statistic	0.808	<b>Shapiro Wilk GOF Test</b>
5% Shapiro Wilk Critical Value	0.897	Detected Data Not Normal at 5% Significance Level
Lilliefors Test Statistic	0.205	<b>Lilliefors GOF Test</b>
5% Lilliefors Critical Value	0.209	Detected Data appear Normal at 5% Significance Level

**Detected Data appear Approximate Normal at 5% Significance Level**

**Kaplan-Meier (KM) Statistics using Normal Critical Values and other Nonparametric UCLs**

Mean	18.12	Standard Error of Mean	4.707
SD	30.19	95% KM (BCA) UCL	26.86
95% KM (t) UCL	26.01	95% KM (Percentile Bootstrap) UCL	26.13
95% KM (z) UCL	25.86	95% KM Bootstrap t UCL	29.01
90% KM Chebyshev UCL	32.24	95% KM Chebyshev UCL	38.63
97.5% KM Chebyshev UCL	47.51	99% KM Chebyshev UCL	64.95

**Gamma GOF Tests on Detected Observations Only**

A-D Test Statistic	0.208	<b>Anderson-Darling GOF Test</b>
5% A-D Critical Value	0.765	Detected data appear Gamma Distributed at 5% Significance Level
K-S Test Statistic	0.112	<b>Kolmogorov-Smirnov GOF</b>
5% K-S Critical Value	0.209	Detected data appear Gamma Distributed at 5% Significance Level

**Detected data appear Gamma Distributed at 5% Significance Level**

**Gamma Statistics on Detected Data Only**

k hat (MLE)	1.095	k star (bias corrected MLE)	0.95
Theta hat (MLE)	35.73	Theta star (bias corrected MLE)	41.2
nu hat (MLE)	39.44	nu star (bias corrected)	34.2
MLE Mean (bias corrected)	39.14	MLE Sd (bias corrected)	40.16

**Gamma Kaplan-Meier (KM) Statistics**

k hat (KM)	0.36	nu hat (KM)	35.28
Approximate Chi Square Value (35.28, $\alpha$ )	22.69	Adjusted Chi Square Value (35.28, $\beta$ )	22.38
95% Gamma Approximate KM-UCL (use when $n \geq 50$ )	28.17	95% Gamma Adjusted KM-UCL (use when $n < 50$ )	28.55

**Gamma ROS Statistics using Imputed Non-Detects**

GROS may not be used when data set has > 50% NDs with many tied observations at multiple DLs

GROS may not be used when kstar of detected data is small such as < 0.1

For such situations, GROS method tends to yield inflated values of UCLs and BTVs

For gamma distributed detected data, BTVs and UCLs may be computed using gamma distribution on KM estimates

Minimum	0.01	Mean	14.52
Maximum	130	Median	0.01
SD	30.13	CV	2.075
k hat (MLE)	0.175	k star (bias corrected MLE)	0.178
Theta hat (MLE)	83.1	Theta star (bias corrected MLE)	81.74
nu hat (MLE)	17.12	nu star (bias corrected)	17.41
MLE Mean (bias corrected)	14.52	MLE Sd (bias corrected)	34.45
		Adjusted Level of Significance ( $\beta$ )	0.0451
Approximate Chi Square Value (17.41, $\alpha$ )	8.963	Adjusted Chi Square Value (17.41, $\beta$ )	8.779
95% Gamma Approximate UCL (use when $n \geq 50$ )	28.19	95% Gamma Adjusted UCL (use when $n < 50$ )	28.79

**Dieldrin (cton'd)**

**Lognormal GOF Test on Detected Observations Only**

Shapiro Wilk Test Statistic	0.974	<b>Shapiro Wilk GOF Test</b>
5% Shapiro Wilk Critical Value	0.897	Detected Data appear Lognormal at 5% Significance Level
Lilliefors Test Statistic	0.0943	<b>Lilliefors GOF Test</b>
5% Lilliefors Critical Value	0.209	Detected Data appear Lognormal at 5% Significance Level

**Detected Data appear Lognormal at 5% Significance Level**

**Lognormal ROS Statistics Using Imputed Non-Detects**

Mean in Original Scale	16.48	Mean in Log Scale	1.834
SD in Original Scale	29.22	SD in Log Scale	1.286
95% t UCL (assumes normality of ROS data)	23.48	95% Percentile Bootstrap UCL	23.96
95% BCA Bootstrap UCL	25.85	95% Bootstrap t UCL	27.3
95% H-UCL (Log ROS)	23.46		

**UCLs using Lognormal Distribution and KM Estimates when Detected data are Lognormally Distributed**

KM Mean (logged)	1.852	95% H-UCL (KM -Log)	28.12
KM SD (logged)	1.369	95% Critical H Value (KM-Log)	2.769
KM Standard Error of Mean (logged)	0.224		

**DL/2 Statistics**

**DL/2 Normal**

Mean in Original Scale	27.54
SD in Original Scale	35.97
95% t UCL (Assumes normality)	36.15

**DL/2 Log-Transformed**

Mean in Log Scale	2.391
SD in Log Scale	1.454
95% H-Stat UCL	57.42

**DL/2 is not a recommended method, provided for comparisons and historical reasons**

**Nonparametric Distribution Free UCL Statistics**

**Detected Data appear Approximate Normal Distributed at 5% Significance Level**

**Suggested UCL to Use**

95% KM (t) UCL	26.01	95% KM (Percentile Bootstrap) UCL	26.13
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Note: Suggestions regarding the selection of a 95% UCL are provided to help the user to select the most appropriate 95% UCL.

Recommendations are based upon data size, data distribution, and skewness.

These recommendations are based upon the results of the simulation studies summarized in Singh, Maichle, and Lee (2006).

However, simulations results will not cover all Real World data sets; for additional insight the user may want to consult a statistician.

Di-n-butyl phthalate

General Statistics

Total Number of Observations	50	Number of Distinct Observations	38
Number of Detects	9	Number of Non-Detects	41
Number of Distinct Detects	9	Number of Distinct Non-Detects	29
Minimum Detect	30	Minimum Non-Detect	80
Maximum Detect	2900	Maximum Non-Detect	3900
Variance Detects	868570	Percent Non-Detects	82%
Mean Detects	479.4	SD Detects	932
Median Detects	71	CV Detects	1.944
Skewness Detects	2.732	Kurtosis Detects	7.682
Mean of Logged Detects	4.969	SD of Logged Detects	1.525

Normal GOF Test on Detects Only

Shapiro Wilk Test Statistic	0.552	<b>Shapiro Wilk GOF Test</b>
5% Shapiro Wilk Critical Value	0.829	Detected Data Not Normal at 5% Significance Level
Lilliefors Test Statistic	0.363	<b>Lilliefors GOF Test</b>
5% Lilliefors Critical Value	0.295	Detected Data Not Normal at 5% Significance Level

Detected Data Not Normal at 5% Significance Level

Kaplan-Meier (KM) Statistics using Normal Critical Values and other Nonparametric UCLs

Mean	153.6	Standard Error of Mean	65.77
SD	413.4	95% KM (BCA) UCL	280.2
95% KM (t) UCL	263.8	95% KM (Percentile Bootstrap) UCL	261
95% KM (z) UCL	261.8	95% KM Bootstrap t UCL	439.9
90% KM Chebyshev UCL	350.9	95% KM Chebyshev UCL	440.3
97.5% KM Chebyshev UCL	564.3	99% KM Chebyshev UCL	808

Gamma GOF Tests on Detected Observations Only

A-D Test Statistic	0.881	<b>Anderson-Darling GOF Test</b>
5% A-D Critical Value	0.769	Detected Data Not Gamma Distributed at 5% Significance Level
K-S Test Statistic	0.268	<b>Kolmogorov-Smirnov GOF</b>
5% K-S Critical Value	0.294	Detected data appear Gamma Distributed at 5% Significance Level

Detected data follow Appr. Gamma Distribution at 5% Significance Level

Gamma Statistics on Detected Data Only

k hat (MLE)	0.524	k star (bias corrected MLE)	0.423
Theta hat (MLE)	915.3	Theta star (bias corrected MLE)	1133
nu hat (MLE)	9.428	nu star (bias corrected)	7.619
MLE Mean (bias corrected)	479.4	MLE Sd (bias corrected)	736.9

Gamma Kaplan-Meier (KM) Statistics

k hat (KM)	0.138	nu hat (KM)	13.8
Approximate Chi Square Value (13.80, $\alpha$ )	6.436	Adjusted Chi Square Value (13.80, $\beta$ )	6.286
95% Gamma Approximate KM-UCL (use when $n \geq 50$ )	329.3	95% Gamma Adjusted KM-UCL (use when $n < 50$ )	337.2

Gamma ROS Statistics using Imputed Non-Detects

GROS may not be used when data set has > 50% NDs with many tied observations at multiple DLs

GROS may not be used when kstar of detected data is small such as < 0.1

For such situations, GROS method tends to yield inflated values of UCLs and BTVs

For gamma distributed detected data, BTVs and UCLs may be computed using gamma distribution on KM estimates

Minimum	0.01	Mean	103.5
Maximum	2900	Median	0.01
SD	418.2	CV	4.041
k hat (MLE)	0.136	k star (bias corrected MLE)	0.141
Theta hat (MLE)	760.8	Theta star (bias corrected MLE)	732.9
nu hat (MLE)	13.6	nu star (bias corrected)	14.12
MLE Mean (bias corrected)	103.5	MLE Sd (bias corrected)	275.4
		Adjusted Level of Significance ( $\beta$ )	0.0452
Approximate Chi Square Value (14.12, $\alpha$ )	6.654	Adjusted Chi Square Value (14.12, $\beta$ )	6.501
95% Gamma Approximate UCL (use when $n \geq 50$ )	219.6	95% Gamma Adjusted UCL (use when $n < 50$ )	224.8

Di-n-butyl phthalate (cont'd)

**Lognormal GOF Test on Detected Observations Only**

Shapiro Wilk Test Statistic	0.881	<b>Shapiro Wilk GOF Test</b>
5% Shapiro Wilk Critical Value	0.829	Detected Data appear Lognormal at 5% Significance Level
Lilliefors Test Statistic	0.234	<b>Lilliefors GOF Test</b>
5% Lilliefors Critical Value	0.295	Detected Data appear Lognormal at 5% Significance Level

**Detected Data appear Lognormal at 5% Significance Level**

**Lognormal ROS Statistics Using Imputed Non-Detects**

Mean in Original Scale	144.6	Mean in Log Scale	4.325
SD in Original Scale	409.4	SD in Log Scale	0.781
95% t UCL (assumes normality of ROS data)	241.7	95% Percentile Bootstrap UCL	252.1
95% BCA Bootstrap UCL	350.5	95% Bootstrap t UCL	853.9
95% H-UCL (Log ROS)	129.8		

**UCLs using Lognormal Distribution and KM Estimates when Detected data are Lognormally Distributed**

KM Mean (logged)	4.273	95% H-UCL (KM -Log)	145.4
KM SD (logged)	0.91	95% Critical H Value (KM-Log)	2.249
KM Standard Error of Mean (logged)	0.237		

**DL/2 Statistics**

**DL/2 Normal**

Mean in Original Scale	341
SD in Original Scale	499.5
95% t UCL (Assumes normality)	459.5

**DL/2 Log-Transformed**

Mean in Log Scale	5.312
SD in Log Scale	0.947
95% H-Stat UCL	432.2

**DL/2 is not a recommended method, provided for comparisons and historical reasons**

**Nonparametric Distribution Free UCL Statistics**

**Detected Data appear Approximate Gamma Distributed at 5% Significance Level**

**Suggested UCL to Use**

95% KM (t) UCL	263.8	95% GROS Approximate Gamma UCL	219.6
95% Approximate Gamma KM-UCL	329.3		

Note: Suggestions regarding the selection of a 95% UCL are provided to help the user to select the most appropriate 95% UCL.

Recommendations are based upon data size, data distribution, and skewness.

These recommendations are based upon the results of the simulation studies summarized in Singh, Maichle, and Lee (2006).

However, simulations results will not cover all Real World data sets; for additional insight the user may want to consult a statistician.



**Endrin aldehyde**

**General Statistics**

Total Number of Observations	50	Number of Distinct Observations	40
Number of Detects	10	Number of Non-Detects	40
Number of Distinct Detects	9	Number of Distinct Non-Detects	31
Minimum Detect	9.8	Minimum Non-Detect	3.5
Maximum Detect	94	Maximum Non-Detect	230
Variance Detects	620	Percent Non-Detects	80%
Mean Detects	29.28	SD Detects	24.9
Median Detects	24.5	CV Detects	0.85
Skewness Detects	2.244	Kurtosis Detects	5.852
Mean of Logged Detects	3.135	SD of Logged Detects	0.7

**Normal GOF Test on Detects Only**

Shapiro Wilk Test Statistic	0.733	<b>Shapiro Wilk GOF Test</b>
5% Shapiro Wilk Critical Value	0.842	Detected Data Not Normal at 5% Significance Level
Lilliefors Test Statistic	0.263	<b>Lilliefors GOF Test</b>
5% Lilliefors Critical Value	0.28	Detected Data appear Normal at 5% Significance Level

**Detected Data appear Approximate Normal at 5% Significance Level**

**Kaplan-Meier (KM) Statistics using Normal Critical Values and other Nonparametric UCLs**

Mean	10.41	Standard Error of Mean	2.605
SD	15.78	95% KM (BCA) UCL	15.13
95% KM (t) UCL	14.77	95% KM (Percentile Bootstrap) UCL	15.03
95% KM (z) UCL	14.69	95% KM Bootstrap t UCL	16.84
90% KM Chebyshev UCL	18.22	95% KM Chebyshev UCL	21.76
97.5% KM Chebyshev UCL	26.68	99% KM Chebyshev UCL	36.33

**Gamma GOF Tests on Detected Observations Only**

A-D Test Statistic	0.481	<b>Anderson-Darling GOF Test</b>
5% A-D Critical Value	0.735	Detected data appear Gamma Distributed at 5% Significance Level
K-S Test Statistic	0.196	<b>Kolmogorov-Smirnov GOF</b>
5% K-S Critical Value	0.27	Detected data appear Gamma Distributed at 5% Significance Level

**Detected data appear Gamma Distributed at 5% Significance Level**

**Gamma Statistics on Detected Data Only**

k hat (MLE)	2.217	k star (bias corrected MLE)	1.618
Theta hat (MLE)	13.21	Theta star (bias corrected MLE)	18.09
nu hat (MLE)	44.33	nu star (bias corrected)	32.37
MLE Mean (bias corrected)	29.28	MLE Sd (bias corrected)	23.02

**Gamma Kaplan-Meier (KM) Statistics**

k hat (KM)	0.435	nu hat (KM)	43.47
Approximate Chi Square Value (43.47, $\alpha$ )	29.35	Adjusted Chi Square Value (43.47, $\beta$ )	29.01
95% Gamma Approximate KM-UCL (use when $n \geq 50$ )	15.41	95% Gamma Adjusted KM-UCL (use when $n < 50$ )	15.59

**Gamma ROS Statistics using Imputed Non-Detects**

GROS may not be used when data set has > 50% NDs with many tied observations at multiple DLs

GROS may not be used when kstar of detected data is small such as < 0.1

For such situations, GROS method tends to yield inflated values of UCLs and BTVs

For gamma distributed detected data, BTVs and UCLs may be computed using gamma distribution on KM estimates

Minimum	0.01	Mean	5.864
Maximum	94	Median	0.01
SD	15.93	CV	2.716
k hat (MLE)	0.158	k star (bias corrected MLE)	0.162
Theta hat (MLE)	37.1	Theta star (bias corrected MLE)	36.22
nu hat (MLE)	15.8	nu star (bias corrected)	16.19
MLE Mean (bias corrected)	5.864	MLE Sd (bias corrected)	14.57
		Adjusted Level of Significance ( $\beta$ )	0.0452
Approximate Chi Square Value (16.19, $\alpha$ )	8.096	Adjusted Chi Square Value (16.19, $\beta$ )	7.925
95% Gamma Approximate UCL (use when $n \geq 50$ )	11.73	95% Gamma Adjusted UCL (use when $n < 50$ )	11.98

Endrin aldehyde (cont'd)

**Lognormal GOF Test on Detected Observations Only**

Shapiro Wilk Test Statistic	0.925	<b>Shapiro Wilk GOF Test</b>
5% Shapiro Wilk Critical Value	0.842	Detected Data appear Lognormal at 5% Significance Level
Lilliefors Test Statistic	0.192	<b>Lilliefors GOF Test</b>
5% Lilliefors Critical Value	0.28	Detected Data appear Lognormal at 5% Significance Level

**Detected Data appear Lognormal at 5% Significance Level**

**Lognormal ROS Statistics Using Imputed Non-Detects**

Mean in Original Scale	8.789	Mean in Log Scale	1.609
SD in Original Scale	14.91	SD in Log Scale	0.901
95% t UCL (assumes normality of ROS data)	12.33	95% Percentile Bootstrap UCL	12.61
95% BCA Bootstrap UCL	14.44	95% Bootstrap t UCL	15.4
95% H-UCL (Log ROS)	10.01		

**UCLs using Lognormal Distribution and KM Estimates when Detected data are Lognormally Distributed**

KM Mean (logged)	1.791	95% H-UCL (KM -Log)	11.9
KM SD (logged)	0.894	95% Critical H Value (KM-Log)	2.233
KM Standard Error of Mean (logged)	0.158		

**DL/2 Statistics**

**DL/2 Normal**

Mean in Original Scale	22.4
SD in Original Scale	28.69
95% t UCL (Assumes normality)	29.2

**DL/2 Log-Transformed**

Mean in Log Scale	2.273
SD in Log Scale	1.378
95% H-Stat UCL	43.47

**DL/2 is not a recommended method, provided for comparisons and historical reasons**

**Nonparametric Distribution Free UCL Statistics**

**Detected Data appear Approximate Normal Distributed at 5% Significance Level**

**Suggested UCL to Use**

95% KM (t) UCL	14.77	95% KM (Percentile Bootstrap) UCL	15.03
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Note: Suggestions regarding the selection of a 95% UCL are provided to help the user to select the most appropriate 95% UCL.

Recommendations are based upon data size, data distribution, and skewness.

These recommendations are based upon the results of the simulation studies summarized in Singh, Maichle, and Lee (2006).

However, simulations results will not cover all Real World data sets; for additional insight the user may want to consult a statistician.

**gamma-BHC (Lindane)**

**General Statistics**

Total Number of Observations	50	Number of Distinct Observations	39
Number of Detects	9	Number of Non-Detects	41
Number of Distinct Detects	8	Number of Distinct Non-Detects	31
Minimum Detect	0.92	Minimum Non-Detect	1.8
Maximum Detect	49	Maximum Non-Detect	230
Variance Detects	235	Percent Non-Detects	82%
Mean Detects	8.613	SD Detects	15.33
Median Detects	4	CV Detects	1.78
Skewness Detects	2.865	Kurtosis Detects	8.388
Mean of Logged Detects	1.335	SD of Logged Detects	1.21

**Normal GOF Test on Detects Only**

Shapiro Wilk Test Statistic	0.529	<b>Shapiro Wilk GOF Test</b>
5% Shapiro Wilk Critical Value	0.829	Detected Data Not Normal at 5% Significance Level
Lilliefors Test Statistic	0.413	<b>Lilliefors GOF Test</b>
5% Lilliefors Critical Value	0.295	Detected Data Not Normal at 5% Significance Level

**Detected Data Not Normal at 5% Significance Level**

**Kaplan-Meier (KM) Statistics using Normal Critical Values and other Nonparametric UCLs**

Mean	3.25	Standard Error of Mean	1.279
SD	7.508	95% KM (BCA) UCL	5.764
95% KM (t) UCL	5.394	95% KM (Percentile Bootstrap) UCL	5.533
95% KM (z) UCL	5.354	95% KM Bootstrap t UCL	10.32
90% KM Chebyshev UCL	7.087	95% KM Chebyshev UCL	8.825
97.5% KM Chebyshev UCL	11.24	99% KM Chebyshev UCL	15.98

**Gamma GOF Tests on Detected Observations Only**

A-D Test Statistic	0.875	<b>Anderson-Darling GOF Test</b>
5% A-D Critical Value	0.753	Detected Data Not Gamma Distributed at 5% Significance Level
K-S Test Statistic	0.27	<b>Kolmogorov-Smirnov GOF</b>
5% K-S Critical Value	0.29	Detected data appear Gamma Distributed at 5% Significance Level

**Detected data follow Appr. Gamma Distribution at 5% Significance Level**

**Gamma Statistics on Detected Data Only**

k hat (MLE)	0.734	k star (bias corrected MLE)	0.563
Theta hat (MLE)	11.73	Theta star (bias corrected MLE)	15.29
nu hat (MLE)	13.21	nu star (bias corrected)	10.14
MLE Mean (bias corrected)	8.613	MLE Sd (bias corrected)	11.47

**Gamma Kaplan-Meier (KM) Statistics**

k hat (KM)	0.187	nu hat (KM)	18.74
Approximate Chi Square Value (18.74, $\alpha$ )	9.926	Adjusted Chi Square Value (18.74, $\beta$ )	9.735
95% Gamma Approximate KM-UCL (use when $n \geq 50$ )	6.135	95% Gamma Adjusted KM-UCL (use when $n < 50$ )	6.255

**Gamma ROS Statistics using Imputed Non-Detects**

GROS may not be used when data set has > 50% NDs with many tied observations at multiple DLs

GROS may not be used when kstar of detected data is small such as < 0.1

For such situations, GROS method tends to yield inflated values of UCLs and BTVs

For gamma distributed detected data, BTVs and UCLs may be computed using gamma distribution on KM estimates

Minimum	0.01	Mean	1.678
Maximum	49	Median	0.01
SD	7.021	CV	4.185
k hat (MLE)	0.205	k star (bias corrected MLE)	0.206
Theta hat (MLE)	8.201	Theta star (bias corrected MLE)	8.159
nu hat (MLE)	20.46	nu star (bias corrected)	20.56
MLE Mean (bias corrected)	1.678	MLE Sd (bias corrected)	3.7
		Adjusted Level of Significance ( $\beta$ )	0.0452
Approximate Chi Square Value (20.56, $\alpha$ )	11.27	Adjusted Chi Square Value (20.56, $\beta$ )	11.06
95% Gamma Approximate UCL (use when $n \geq 50$ )	3.062	95% Gamma Adjusted UCL (use when $n < 50$ )	3.119

**gamma-BHC (Lindane) (cont'd)**

**Lognormal GOF Test on Detected Observations Only**

Shapiro Wilk Test Statistic	0.899	<b>Shapiro Wilk GOF Test</b>
5% Shapiro Wilk Critical Value	0.829	Detected Data appear Lognormal at 5% Significance Level
Lilliefors Test Statistic	0.207	<b>Lilliefors GOF Test</b>
5% Lilliefors Critical Value	0.295	Detected Data appear Lognormal at 5% Significance Level

**Detected Data appear Lognormal at 5% Significance Level**

**Lognormal ROS Statistics Using Imputed Non-Detects**

Mean in Original Scale	2.897	Mean in Log Scale	0.609
SD in Original Scale	6.773	SD in Log Scale	0.666
95% t UCL (assumes normality of ROS data)	4.503	95% Percentile Bootstrap UCL	4.691
95% BCA Bootstrap UCL	6.549	95% Bootstrap t UCL	11.48
95% H-UCL (Log ROS)	2.779		

**UCLs using Lognormal Distribution and KM Estimates when Detected data are Lognormally Distributed**

KM Mean (logged)	0.619	95% H-UCL (KM -Log)	3.112
KM SD (logged)	0.76	95% Critical H Value (KM-Log)	2.095
KM Standard Error of Mean (logged)	0.17		

**DL/2 Statistics**

**DL/2 Normal**

Mean in Original Scale	15.54
SD in Original Scale	23.07
95% t UCL (Assumes normality)	21.01

**DL/2 Log-Transformed**

Mean in Log Scale	1.678
SD in Log Scale	1.534
95% H-Stat UCL	33.39

**DL/2 is not a recommended method, provided for comparisons and historical reasons**

**Nonparametric Distribution Free UCL Statistics**

**Detected Data appear Approximate Gamma Distributed at 5% Significance Level**

**Suggested UCL to Use**

95% KM (t) UCL	5.394	95% GROS Approximate Gamma UCL	3.062
95% Approximate Gamma KM-UCL	6.135		

Note: Suggestions regarding the selection of a 95% UCL are provided to help the user to select the most appropriate 95% UCL.

Recommendations are based upon data size, data distribution, and skewness.

These recommendations are based upon the results of the simulation studies summarized in Singh, Maichle, and Lee (2006).

However, simulations results will not cover all Real World data sets; for additional insight the user may want to consult a statistician.

Heptachlor

General Statistics

Total Number of Observations	50	Number of Distinct Observations	41
Number of Detects	12	Number of Non-Detects	38
Number of Distinct Detects	12	Number of Distinct Non-Detects	31
Minimum Detect	0.93	Minimum Non-Detect	1.8
Maximum Detect	260	Maximum Non-Detect	230
Variance Detects	6710	Percent Non-Detects	76%
Mean Detects	50.36	SD Detects	81.91
Median Detects	9.8	CV Detects	1.627
Skewness Detects	2.033	Kurtosis Detects	3.553
Mean of Logged Detects	2.592	SD of Logged Detects	1.816

Normal GOF Test on Detects Only

Shapiro Wilk Test Statistic	0.665	<b>Shapiro Wilk GOF Test</b>
5% Shapiro Wilk Critical Value	0.859	Detected Data Not Normal at 5% Significance Level
Lilliefors Test Statistic	0.311	<b>Lilliefors GOF Test</b>
5% Lilliefors Critical Value	0.256	Detected Data Not Normal at 5% Significance Level

Detected Data Not Normal at 5% Significance Level

Kaplan-Meier (KM) Statistics using Normal Critical Values and other Nonparametric UCLs

Mean	13.94	Standard Error of Mean	6.551
SD	43.92	95% KM (BCA) UCL	27.17
95% KM (t) UCL	24.93	95% KM (Percentile Bootstrap) UCL	25.48
95% KM (z) UCL	24.72	95% KM Bootstrap t UCL	51.69
90% KM Chebyshev UCL	33.6	95% KM Chebyshev UCL	42.5
97.5% KM Chebyshev UCL	54.85	99% KM Chebyshev UCL	79.12

Gamma GOF Tests on Detected Observations Only

A-D Test Statistic	0.555	<b>Anderson-Darling GOF Test</b>
5% A-D Critical Value	0.789	Detected data appear Gamma Distributed at 5% Significance Level
K-S Test Statistic	0.231	<b>Kolmogorov-Smirnov GOF</b>
5% K-S Critical Value	0.259	Detected data appear Gamma Distributed at 5% Significance Level

Detected data appear Gamma Distributed at 5% Significance Level

Gamma Statistics on Detected Data Only

k hat (MLE)	0.481	k star (bias corrected MLE)	0.417
Theta hat (MLE)	104.6	Theta star (bias corrected MLE)	120.9
nu hat (MLE)	11.55	nu star (bias corrected)	9.997
MLE Mean (bias corrected)	50.36	MLE Sd (bias corrected)	78.03

Gamma Kaplan-Meier (KM) Statistics

k hat (KM)	0.101	nu hat (KM)	10.08
Approximate Chi Square Value (10.08, $\alpha$ )	3.991	Adjusted Chi Square Value (10.08, $\beta$ )	3.878
95% Gamma Approximate KM-UCL (use when $n \geq 50$ )	35.21	95% Gamma Adjusted KM-UCL (use when $n < 50$ )	36.24

Gamma ROS Statistics using Imputed Non-Detects

GROS may not be used when data set has > 50% NDs with many tied observations at multiple DLs

GROS may not be used when kstar of detected data is small such as < 0.1

For such situations, GROS method tends to yield inflated values of UCLs and BTVs

For gamma distributed detected data, BTVs and UCLs may be computed using gamma distribution on KM estimates

Minimum	0.01	Mean	12.09
Maximum	260	Median	0.01
SD	44.48	CV	3.677
k hat (MLE)	0.144	k star (bias corrected MLE)	0.149
Theta hat (MLE)	84.01	Theta star (bias corrected MLE)	81.36
nu hat (MLE)	14.4	nu star (bias corrected)	14.87
MLE Mean (bias corrected)	12.09	MLE Sd (bias corrected)	31.37
		Adjusted Level of Significance ( $\beta$ )	0.0452
Approximate Chi Square Value (14.87, $\alpha$ )	7.168	Adjusted Chi Square Value (14.87, $\beta$ )	7.009
95% Gamma Approximate UCL (use when $n \geq 50$ )	25.08	95% Gamma Adjusted UCL (use when $n < 50$ )	25.65

Heptachlor (cont'd)

**Lognormal GOF Test on Detected Observations Only**

Shapiro Wilk Test Statistic	0.955	<b>Shapiro Wilk GOF Test</b>
5% Shapiro Wilk Critical Value	0.859	Detected Data appear Lognormal at 5% Significance Level
Lilliefors Test Statistic	0.149	<b>Lilliefors GOF Test</b>
5% Lilliefors Critical Value	0.256	Detected Data appear Lognormal at 5% Significance Level

**Detected Data appear Lognormal at 5% Significance Level**

**Lognormal ROS Statistics Using Imputed Non-Detects**

Mean in Original Scale	12.78	Mean in Log Scale	0.428
SD in Original Scale	44.29	SD in Log Scale	1.593
95% t UCL (assumes normality of ROS data)	23.28	95% Percentile Bootstrap UCL	24.32
95% BCA Bootstrap UCL	28.15	95% Bootstrap t UCL	53.79
95% H-UCL (Log ROS)	10.97		

**UCLs using Lognormal Distribution and KM Estimates when Detected data are Lognormally Distributed**

KM Mean (logged)	0.874	95% H-UCL (KM -Log)	12.34
KM SD (logged)	1.446	95% Critical H Value (KM-Log)	2.872
KM Standard Error of Mean (logged)	0.254		

**DL/2 Statistics**

**DL/2 Normal**

Mean in Original Scale	23.66
SD in Original Scale	46.44
95% t UCL (Assumes normality)	34.67

**DL/2 Log-Transformed**

Mean in Log Scale	1.936
SD in Log Scale	1.591
95% H-Stat UCL	49.23

**DL/2 is not a recommended method, provided for comparisons and historical reasons**

**Nonparametric Distribution Free UCL Statistics**

**Detected Data appear Gamma Distributed at 5% Significance Level**

**Suggested UCL to Use**

95% KM (t) UCL	24.93	95% GROS Approximate Gamma UCL	25.08
95% Approximate Gamma KM-UCL	35.21		

Note: Suggestions regarding the selection of a 95% UCL are provided to help the user to select the most appropriate 95% UCL.

Recommendations are based upon data size, data distribution, and skewness.

These recommendations are based upon the results of the simulation studies summarized in Singh, Maichle, and Lee (2006).

However, simulations results will not cover all Real World data sets; for additional insight the user may want to consult a statistician.

Heptachlor Epoxide

General Statistics

Total Number of Observations	50	Number of Distinct Observations	37
Number of Detects	15	Number of Non-Detects	35
Number of Distinct Detects	14	Number of Distinct Non-Detects	27
Minimum Detect	2	Minimum Non-Detect	1.8
Maximum Detect	280	Maximum Non-Detect	230
Variance Detects	8008	Percent Non-Detects	70%
Mean Detects	78.31	SD Detects	89.49
Median Detects	62	CV Detects	1.143
Skewness Detects	1.367	Kurtosis Detects	1.248
Mean of Logged Detects	3.362	SD of Logged Detects	1.762

Normal GOF Test on Detects Only

Shapiro Wilk Test Statistic	0.804	<b>Shapiro Wilk GOF Test</b>
5% Shapiro Wilk Critical Value	0.881	Detected Data Not Normal at 5% Significance Level
Lilliefors Test Statistic	0.197	<b>Lilliefors GOF Test</b>
5% Lilliefors Critical Value	0.229	Detected Data appear Normal at 5% Significance Level

Detected Data appear Approximate Normal at 5% Significance Level

Kaplan-Meier (KM) Statistics using Normal Critical Values and other Nonparametric UCLs

Mean	26.08	Standard Error of Mean	8.744
SD	59.08	95% KM (BCA) UCL	41.92
95% KM (t) UCL	40.74	95% KM (Percentile Bootstrap) UCL	40.22
95% KM (z) UCL	40.46	95% KM Bootstrap t UCL	49.21
90% KM Chebyshev UCL	52.31	95% KM Chebyshev UCL	64.19
97.5% KM Chebyshev UCL	80.68	99% KM Chebyshev UCL	113.1

Gamma GOF Tests on Detected Observations Only

A-D Test Statistic	0.512	<b>Anderson-Darling GOF Test</b>
5% A-D Critical Value	0.785	Detected data appear Gamma Distributed at 5% Significance Level
K-S Test Statistic	0.168	<b>Kolmogorov-Smirnov GOF</b>
5% K-S Critical Value	0.232	Detected data appear Gamma Distributed at 5% Significance Level

Detected data appear Gamma Distributed at 5% Significance Level

Gamma Statistics on Detected Data Only

k hat (MLE)	0.616	k star (bias corrected MLE)	0.538
Theta hat (MLE)	127	Theta star (bias corrected MLE)	145.7
nu hat (MLE)	18.49	nu star (bias corrected)	16.13
MLE Mean (bias corrected)	78.31	MLE Sd (bias corrected)	106.8

Gamma Kaplan-Meier (KM) Statistics

k hat (KM)	0.195	nu hat (KM)	19.48
Approximate Chi Square Value (19.48, $\alpha$ )	10.47	Adjusted Chi Square Value (19.48, $\beta$ )	10.27
95% Gamma Approximate KM-UCL (use when $n \geq 50$ )	48.52	95% Gamma Adjusted KM-UCL (use when $n < 50$ )	49.45

Gamma ROS Statistics using Imputed Non-Detects

GROS may not be used when data set has > 50% NDs with many tied observations at multiple DLs

GROS may not be used when kstar of detected data is small such as < 0.1

For such situations, GROS method tends to yield inflated values of UCLs and BTVs

For gamma distributed detected data, BTVs and UCLs may be computed using gamma distribution on KM estimates

Minimum	0.01	Mean	23.5
Maximum	280	Median	0.01
SD	60.01	CV	2.554
k hat (MLE)	0.144	k star (bias corrected MLE)	0.149
Theta hat (MLE)	163.3	Theta star (bias corrected MLE)	158.1
nu hat (MLE)	14.39	nu star (bias corrected)	14.86
MLE Mean (bias corrected)	23.5	MLE Sd (bias corrected)	60.96
		Adjusted Level of Significance ( $\beta$ )	0.0452
Approximate Chi Square Value (14.86, $\alpha$ )	7.166	Adjusted Chi Square Value (14.86, $\beta$ )	7.007
95% Gamma Approximate UCL (use when $n \geq 50$ )	48.74	95% Gamma Adjusted UCL (use when $n < 50$ )	49.85

Heptachlor Epoxide (cont'd)

**Lognormal GOF Test on Detected Observations Only**

Shapiro Wilk Test Statistic	0.89	<b>Shapiro Wilk GOF Test</b>
5% Shapiro Wilk Critical Value	0.881	Detected Data appear Lognormal at 5% Significance Level
Lilliefors Test Statistic	0.201	<b>Lilliefors GOF Test</b>
5% Lilliefors Critical Value	0.229	Detected Data appear Lognormal at 5% Significance Level

**Detected Data appear Lognormal at 5% Significance Level**

**Lognormal ROS Statistics Using Imputed Non-Detects**

Mean in Original Scale	24	Mean in Log Scale	0.596
SD in Original Scale	59.82	SD in Log Scale	2.172
95% t UCL (assumes normality of ROS data)	38.18	95% Percentile Bootstrap UCL	38.1
95% BCA Bootstrap UCL	43.48	95% Bootstrap t UCL	47.4
95% H-UCL (Log ROS)	63.7		

**UCLs using Lognormal Distribution and KM Estimates when Detected data are Lognormally Distributed**

KM Mean (logged)	1.566	95% H-UCL (KM -Log)	33.64
KM SD (logged)	1.586	95% Critical H Value (KM-Log)	3.054
KM Standard Error of Mean (logged)	0.247		

**DL/2 Statistics**

**DL/2 Normal**

Mean in Original Scale	34.59
SD in Original Scale	59.54
95% t UCL (Assumes normality)	48.7

**DL/2 Log-Transformed**

Mean in Log Scale	2.188
SD in Log Scale	1.777
95% H-Stat UCL	100.3

**DL/2 is not a recommended method, provided for comparisons and historical reasons**

**Nonparametric Distribution Free UCL Statistics**

**Detected Data appear Approximate Normal Distributed at 5% Significance Level**

**Suggested UCL to Use**

95% KM (t) UCL	40.74	95% KM (Percentile Bootstrap) UCL	40.22
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Note: Suggestions regarding the selection of a 95% UCL are provided to help the user to select the most appropriate 95% UCL.

Recommendations are based upon data size, data distribution, and skewness.

These recommendations are based upon the results of the simulation studies summarized in Singh, Maichle, and Lee (2006).

However, simulations results will not cover all Real World data sets; for additional insight the user may want to consult a statistician.



**Lead**

General Statistics			
Total Number of Observations	50	Number of Distinct Observations	49
		Number of Missing Observations	0
Minimum	2.9	Mean	318.4
Maximum	1200	Median	178
SD	333.2	Std. Error of Mean	47.12
Coefficient of Variation	1.047	Skewness	0.919
Normal GOF Test			
Shapiro Wilk Test Statistic	0.845	Shapiro Wilk GOF Test	
5% Shapiro Wilk Critical Value	0.947	Data Not Normal at 5% Significance Level	
Lilliefors Test Statistic	0.185	Lilliefors GOF Test	
5% Lilliefors Critical Value	0.125	Data Not Normal at 5% Significance Level	
Data Not Normal at 5% Significance Level			
Assuming Normal Distribution			
95% Normal UCL		95% UCLs (Adjusted for Skewness)	
95% Student's-t UCL	397.4	95% Adjusted-CLT UCL (Chen-1995)	402.4
		95% Modified-t UCL (Johnson-1978)	398.4
Gamma GOF Test			
A-D Test Statistic	1.32	Anderson-Darling Gamma GOF Test	
5% A-D Critical Value	0.805	Data Not Gamma Distributed at 5% Significance Level	
K-S Test Statistic	0.143	Kolmogrov-Smirnoff Gamma GOF Test	
5% K-S Critical Value	0.131	Data Not Gamma Distributed at 5% Significance Level	
Data Not Gamma Distributed at 5% Significance Level			
Gamma Statistics			
k hat (MLE)	0.615	k star (bias corrected MLE)	0.591
Theta hat (MLE)	518	Theta star (bias corrected MLE)	538.6
nu hat (MLE)	61.46	nu star (bias corrected)	59.11
MLE Mean (bias corrected)	318.4	MLE Sd (bias corrected)	414.1
		Approximate Chi Square Value (0.05)	42.43
Adjusted Level of Significance	0.0452	Adjusted Chi Square Value	42.01
Assuming Gamma Distribution			
95% Approximate Gamma UCL (use when n>=50))	443.5	95% Adjusted Gamma UCL (use when n<50)	447.9
Lognormal GOF Test			
Shapiro Wilk Test Statistic	0.89	Shapiro Wilk Lognormal GOF Test	
5% Shapiro Wilk Critical Value	0.947	Data Not Lognormal at 5% Significance Level	
Lilliefors Test Statistic	0.148	Lilliefors Lognormal GOF Test	
5% Lilliefors Critical Value	0.125	Data Not Lognormal at 5% Significance Level	
Data Not Lognormal at 5% Significance Level			
Lognormal Statistics			
Minimum of Logged Data	1.065	Mean of logged Data	4.761
Maximum of Logged Data	7.09	SD of logged Data	1.764
Assuming Lognormal Distribution			
95% H-UCL	1271	90% Chebyshev (MVUE) UCL	1055
95% Chebyshev (MVUE) UCL	1300	97.5% Chebyshev (MVUE) UCL	1639
99% Chebyshev (MVUE) UCL	2306		
Nonparametric Distribution Free UCL Statistics			
Data do not follow a Discernible Distribution (0.05)			

**Lead (cont'd)**

<b>Nonparametric Distribution Free UCLs</b>			
95% CLT UCL	395.9	95% Jackknife UCL	397.4
95% Standard Bootstrap UCL	395.4	95% Bootstrap-t UCL	404.9
95% Hall's Bootstrap UCL	399.9	95% Percentile Bootstrap UCL	391.9
95% BCA Bootstrap UCL	405.4		
90% Chebyshev(Mean, Sd) UCL	459.7	95% Chebyshev(Mean, Sd) UCL	523.8
97.5% Chebyshev(Mean, Sd) UCL	612.6	99% Chebyshev(Mean, Sd) UCL	787.2

**Suggested UCL to Use**

95% Chebyshev (Mean, Sd) UCL 523.8

Note: Suggestions regarding the selection of a 95% UCL are provided to help the user to select the most appropriate 95% UCL.

These recommendations are based upon the results of the simulation studies summarized in Singh, Singh, and Iaci (2002) and Singh and Singh (2003). However, simulations results will not cover all Real World data sets.

For additional insight the user may want to consult a statistician.

**Manganese**

**General Statistics**

Total Number of Observations	50	Number of Distinct Observations	50
		Number of Missing Observations	0
Minimum	70.6	Mean	482
Maximum	2760	Median	317
SD	497.2	Std. Error of Mean	70.31
Coefficient of Variation	1.032	Skewness	2.689

**Normal GOF Test**

Shapiro Wilk Test Statistic	0.707	<b>Shapiro Wilk GOF Test</b>
5% Shapiro Wilk Critical Value	0.947	Data Not Normal at 5% Significance Level
Lilliefors Test Statistic	0.236	<b>Lilliefors GOF Test</b>
5% Lilliefors Critical Value	0.125	Data Not Normal at 5% Significance Level

**Data Not Normal at 5% Significance Level**

**Assuming Normal Distribution**

<b>95% Normal UCL</b>		<b>95% UCLs (Adjusted for Skewness)</b>	
95% Student's-t UCL	599.9	95% Adjusted-CLT UCL (Chen-1995)	626.2
		95% Modified-t UCL (Johnson-1978)	604.4

**Gamma GOF Test**

A-D Test Statistic	1.395	<b>Anderson-Darling Gamma GOF Test</b>
5% A-D Critical Value	0.767	Data Not Gamma Distributed at 5% Significance Level
K-S Test Statistic	0.134	<b>Kolmogrov-Smirnov Gamma GOF Test</b>
5% K-S Critical Value	0.127	Data Not Gamma Distributed at 5% Significance Level

**Data Not Gamma Distributed at 5% Significance Level**

**Gamma Statistics**

k hat (MLE)	1.571	k star (bias corrected MLE)	1.49
Theta hat (MLE)	306.9	Theta star (bias corrected MLE)	323.5
nu hat (MLE)	157.1	nu star (bias corrected)	149
MLE Mean (bias corrected)	482	MLE Sd (bias corrected)	394.9
		Approximate Chi Square Value (0.05)	121.8
Adjusted Level of Significance	0.0452	Adjusted Chi Square Value	121.1

**Assuming Gamma Distribution**

95% Approximate Gamma UCL (use when n>=50))	589.7	95% Adjusted Gamma UCL (use when n<50)	593.3
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**Lognormal GOF Test**

Shapiro Wilk Test Statistic	0.967	<b>Shapiro Wilk Lognormal GOF Test</b>
5% Shapiro Wilk Critical Value	0.947	Data appear Lognormal at 5% Significance Level
Lilliefors Test Statistic	0.104	<b>Lilliefors Lognormal GOF Test</b>
5% Lilliefors Critical Value	0.125	Data appear Lognormal at 5% Significance Level

**Data appear Lognormal at 5% Significance Level**

**Lognormal Statistics**

Minimum of Logged Data	4.257	Mean of logged Data	5.827
Maximum of Logged Data	7.923	SD of logged Data	0.804

**Assuming Lognormal Distribution**

<b>95% H-UCL</b>	<b>599.9</b>	90% Chebyshev (MVUE) UCL	643
95% Chebyshev (MVUE) UCL	723.6	97.5% Chebyshev (MVUE) UCL	835.4
99% Chebyshev (MVUE) UCL	1055		

**Nonparametric Distribution Free UCL Statistics**

**Data appear to follow a Discernible Distribution at 5% Significance Level**

**Manganese (cont'd)**

<b>Nonparametric Distribution Free UCLs</b>			
95% CLT UCL	597.7	95% Jackknife UCL	599.9
95% Standard Bootstrap UCL	600.3	95% Bootstrap-t UCL	649.1
95% Hall's Bootstrap UCL	662.9	95% Percentile Bootstrap UCL	606.1
95% BCA Bootstrap UCL	620.3		
90% Chebyshev(Mean, Sd) UCL	693	95% Chebyshev(Mean, Sd) UCL	788.5
97.5% Chebyshev(Mean, Sd) UCL	921.1	99% Chebyshev(Mean, Sd) UCL	1182

**Suggested UCL to Use**

95% H-UCL 599.9

Note: Suggestions regarding the selection of a 95% UCL are provided to help the user to select the most appropriate 95% UCL.

These recommendations are based upon the results of the simulation studies summarized in Singh, Singh, and Iaci (2002) and Singh and Singh (2003). However, simulations results will not cover all Real World data sets.

For additional insight the user may want to consult a statistician.

**ProUCL computes and outputs H-statistic based UCLs for historical reasons only.**

**H-statistic often results in unstable (both high and low) values of UCL95 as shown in examples in the Technical Guide.**

**It is therefore recommended to avoid the use of H-statistic based 95% UCLs.**

**Use of nonparametric methods are preferred to compute UCL95 for skewed data sets which do not follow a gamma distribution.**

Mercury

**General Statistics**

Total Number of Observations	172	Number of Distinct Observations	107
Number of Detects	159	Number of Non-Detects	13
Number of Distinct Detects	100	Number of Distinct Non-Detects	10
Minimum Detect	0.009	Minimum Non-Detect	0.014
Maximum Detect	16.3	Maximum Non-Detect	0.053
Variance Detects	3.947	Percent Non-Detects	7.558%
Mean Detects	1.339	SD Detects	1.987
Median Detects	0.3	CV Detects	1.484
Skewness Detects	3.278	Kurtosis Detects	19.37
Mean of Logged Detects	-0.969	SD of Logged Detects	1.798

**Normal GOF Test on Detects Only**

Shapiro Wilk Test Statistic	0.685	<b>Normal GOF Test on Detected Observations Only</b>
5% Shapiro Wilk P Value	0	Detected Data Not Normal at 5% Significance Level
Lilliefors Test Statistic	0.252	<b>Lilliefors GOF Test</b>
5% Lilliefors Critical Value	0.0703	Detected Data Not Normal at 5% Significance Level

**Detected Data Not Normal at 5% Significance Level**

**Kaplan-Meier (KM) Statistics using Normal Critical Values and other Nonparametric UCLs**

Mean	1.239	Standard Error of Mean	0.148
SD	1.936	95% KM (BCA) UCL	1.512
95% KM (t) UCL	1.484	95% KM (Percentile Bootstrap) UCL	1.497
95% KM (z) UCL	1.483	95% KM Bootstrap t UCL	1.539
90% KM Chebyshev UCL	1.683	95% KM Chebyshev UCL	1.885
97.5% KM Chebyshev UCL	2.164	99% KM Chebyshev UCL	2.712

**Gamma GOF Tests on Detected Observations Only**

A-D Test Statistic	5.039	<b>Anderson-Darling GOF Test</b>
5% A-D Critical Value	0.82	Detected Data Not Gamma Distributed at 5% Significance Level
K-S Test Statistic	0.161	<b>Kolmogorov-Smirnov GOF</b>
5% K-S Critical Value	0.0785	Detected Data Not Gamma Distributed at 5% Significance Level

**Detected Data Not Gamma Distributed at 5% Significance Level**

**Gamma Statistics on Detected Data Only**

k hat (MLE)	0.503	k star (bias corrected MLE)	0.498
Theta hat (MLE)	2.661	Theta star (bias corrected MLE)	2.689
nu hat (MLE)	160	nu star (bias corrected)	158.3
MLE Mean (bias corrected)	1.339	MLE Sd (bias corrected)	1.897

**Gamma Kaplan-Meier (KM) Statistics**

k hat (KM)	0.41	nu hat (KM)	141
Approximate Chi Square Value (140.95, $\alpha$ )	114.5	Adjusted Chi Square Value (140.95, $\beta$ )	114.3
95% Gamma Approximate KM-UCL (use when $n \geq 50$ )	1.525	95% Gamma Adjusted KM-UCL (use when $n < 50$ )	1.528

**Gamma ROS Statistics using Imputed Non-Detects**

GROS may not be used when data set has > 50% NDs with many tied observations at multiple DLs

GROS may not be used when kstar of detected data is small such as < 0.1

For such situations, GROS method tends to yield inflated values of UCLs and BTVs

For gamma distributed detected data, BTVs and UCLs may be computed using gamma distribution on KM estimates

Minimum	0.009	Mean	1.238
Maximum	16.3	Median	0.22
SD	1.942	CV	1.568
k hat (MLE)	0.444	k star (bias corrected MLE)	0.44
Theta hat (MLE)	2.79	Theta star (bias corrected MLE)	2.814
nu hat (MLE)	152.7	nu star (bias corrected)	151.4
MLE Mean (bias corrected)	1.238	MLE Sd (bias corrected)	1.867
		Adjusted Level of Significance ( $\beta$ )	0.0486
Approximate Chi Square Value (151.37, $\alpha$ )	123.9	Adjusted Chi Square Value (151.37, $\beta$ )	123.7
95% Gamma Approximate UCL (use when $n \geq 50$ )	1.512	95% Gamma Adjusted UCL (use when $n < 50$ )	1.515

Mercury (cont'd)

**Lognormal GOF Test on Detected Observations Only**

Lilliefors Test Statistic	0.118	<b>Lilliefors GOF Test</b>
5% Lilliefors Critical Value	0.0703	Detected Data Not Lognormal at 5% Significance Level

**Detected Data Not Lognormal at 5% Significance Level**

**Lognormal ROS Statistics Using Imputed Non-Detects**

Mean in Original Scale	1.239	Mean in Log Scale	-1.2
SD in Original Scale	1.942	SD in Log Scale	1.912
95% t UCL (assumes normality of ROS data)	1.484	95% Percentile Bootstrap UCL	1.482
95% BCA Bootstrap UCL	1.522	95% Bootstrap t UCL	1.532
95% H-UCL (Log ROS)	2.947		

**DL/2 Statistics**

**DL/2 Normal**

Mean in Original Scale	1.239
SD in Original Scale	1.942
95% t UCL (Assumes normality)	1.484

**DL/2 Log-Transformed**

Mean in Log Scale	-1.2
SD in Log Scale	1.91
95% H-Stat UCL	2.936

**DL/2 is not a recommended method, provided for comparisons and historical reasons**

**Nonparametric Distribution Free UCL Statistics**

**Data do not follow a Discernible Distribution at 5% Significance Level**

**Suggested UCL to Use**

97.5% KM (Chebyshev) UCL	2.164
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Note: Suggestions regarding the selection of a 95% UCL are provided to help the user to select the most appropriate 95% UCL.

Recommendations are based upon data size, data distribution, and skewness.

These recommendations are based upon the results of the simulation studies summarized in Singh, Maichle, and Lee (2006).

However, simulations results will not cover all Real World data sets; for additional insight the user may want to consult a statistician.

**Methoxychlor**

**General Statistics**

Total Number of Observations	50	Number of Distinct Observations	38
Number of Detects	15	Number of Non-Detects	35
Number of Distinct Detects	15	Number of Distinct Non-Detects	24
Minimum Detect	8	Minimum Non-Detect	7.7
Maximum Detect	190	Maximum Non-Detect	1000
Variance Detects	4033	Percent Non-Detects	70%
Mean Detects	74.93	SD Detects	63.51
Median Detects	49	CV Detects	0.848
Skewness Detects	0.614	Kurtosis Detects	-1.165
Mean of Logged Detects	3.867	SD of Logged Detects	1.069

**Normal GOF Test on Detects Only**

Shapiro Wilk Test Statistic	0.878	<b>Shapiro Wilk GOF Test</b>
5% Shapiro Wilk Critical Value	0.881	Detected Data Not Normal at 5% Significance Level
Lilliefors Test Statistic	0.192	<b>Lilliefors GOF Test</b>
5% Lilliefors Critical Value	0.229	Detected Data appear Normal at 5% Significance Level

**Detected Data appear Approximate Normal at 5% Significance Level**

**Kaplan-Meier (KM) Statistics using Normal Critical Values and other Nonparametric UCLs**

Mean	35.49	Standard Error of Mean	7.903
SD	48.13	95% KM (BCA) UCL	49.41
95% KM (t) UCL	48.74	95% KM (Percentile Bootstrap) UCL	48.48
95% KM (z) UCL	48.49	95% KM Bootstrap t UCL	52.56
90% KM Chebyshev UCL	59.2	95% KM Chebyshev UCL	69.94
97.5% KM Chebyshev UCL	84.85	99% KM Chebyshev UCL	114.1

**Gamma GOF Tests on Detected Observations Only**

A-D Test Statistic	0.416	<b>Anderson-Darling GOF Test</b>
5% A-D Critical Value	0.758	Detected data appear Gamma Distributed at 5% Significance Level
K-S Test Statistic	0.139	<b>Kolmogorov-Smirnov GOF</b>
5% K-S Critical Value	0.227	Detected data appear Gamma Distributed at 5% Significance Level

**Detected data appear Gamma Distributed at 5% Significance Level**

**Gamma Statistics on Detected Data Only**

k hat (MLE)	1.252	k star (bias corrected MLE)	1.046
Theta hat (MLE)	59.83	Theta star (bias corrected MLE)	71.61
nu hat (MLE)	37.57	nu star (bias corrected)	31.39
MLE Mean (bias corrected)	74.93	MLE Sd (bias corrected)	73.25

**Gamma Kaplan-Meier (KM) Statistics**

k hat (KM)	0.544	nu hat (KM)	54.39
Approximate Chi Square Value (54.39, $\alpha$ )	38.45	Adjusted Chi Square Value (54.39, $\beta$ )	38.05
95% Gamma Approximate KM-UCL (use when $n \geq 50$ )	50.21	95% Gamma Adjusted KM-UCL (use when $n < 50$ )	50.74

**Gamma ROS Statistics using Imputed Non-Detects**

GROS may not be used when data set has > 50% NDs with many tied observations at multiple DLs

GROS may not be used when kstar of detected data is small such as < 0.1

For such situations, GROS method tends to yield inflated values of UCLs and BTVs

For gamma distributed detected data, BTVs and UCLs may be computed using gamma distribution on KM estimates

Minimum	0.01	Mean	26.41
Maximum	190	Median	10.32
SD	47.17	CV	1.786
k hat (MLE)	0.25	k star (bias corrected MLE)	0.248
Theta hat (MLE)	105.7	Theta star (bias corrected MLE)	106.4
nu hat (MLE)	24.99	nu star (bias corrected)	24.82
MLE Mean (bias corrected)	26.41	MLE Sd (bias corrected)	53.01
		Adjusted Level of Significance ( $\beta$ )	0.0452
Approximate Chi Square Value (24.82, $\alpha$ )	14.47	Adjusted Chi Square Value (24.82, $\beta$ )	14.24
95% Gamma Approximate UCL (use when $n \geq 50$ )	45.29	95% Gamma Adjusted UCL (use when $n < 50$ )	46.04

Methoxychlor (cont'd)

**Lognormal GOF Test on Detected Observations Only**

Shapiro Wilk Test Statistic	0.928	<b>Shapiro Wilk GOF Test</b>
5% Shapiro Wilk Critical Value	0.881	Detected Data appear Lognormal at 5% Significance Level
Lilliefors Test Statistic	0.139	<b>Lilliefors GOF Test</b>
5% Lilliefors Critical Value	0.229	Detected Data appear Lognormal at 5% Significance Level

**Detected Data appear Lognormal at 5% Significance Level**

**Lognormal ROS Statistics Using Imputed Non-Detects**

Mean in Original Scale	31.03	Mean in Log Scale	2.829
SD in Original Scale	44.89	SD in Log Scale	1
95% t UCL (assumes normality of ROS data)	41.67	95% Percentile Bootstrap UCL	42.12
95% BCA Bootstrap UCL	44.2	95% Bootstrap t UCL	44.92
95% H-UCL (Log ROS)	39		

**UCLs using Lognormal Distribution and KM Estimates when Detected data are Lognormally Distributed**

KM Mean (logged)	2.965	95% H-UCL (KM -Log)	43.43
KM SD (logged)	0.98	95% Critical H Value (KM-Log)	2.323
KM Standard Error of Mean (logged)	0.185		

**DL/2 Statistics**

**DL/2 Normal**

Mean in Original Scale	73.3
SD in Original Scale	106.9
95% t UCL (Assumes normality)	98.63

**DL/2 Log-Transformed**

Mean in Log Scale	3.489
SD in Log Scale	1.262
95% H-Stat UCL	117

**DL/2 is not a recommended method, provided for comparisons and historical reasons**

**Nonparametric Distribution Free UCL Statistics**

**Detected Data appear Approximate Normal Distributed at 5% Significance Level**

**Suggested UCL to Use**

95% KM (t) UCL	48.74	95% KM (Percentile Bootstrap) UCL	48.48
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Note: Suggestions regarding the selection of a 95% UCL are provided to help the user to select the most appropriate 95% UCL.

Recommendations are based upon data size, data distribution, and skewness.

These recommendations are based upon the results of the simulation studies summarized in Singh, Maichle, and Lee (2006).

However, simulations results will not cover all Real World data sets; for additional insight the user may want to consult a statistician.



Nickel

General Statistics			
Total Number of Observations	50	Number of Distinct Observations	48
		Number of Missing Observations	0
Minimum	2.8	Mean	29.31
Maximum	97	Median	19.5
SD	23.61	Std. Error of Mean	3.338
Coefficient of Variation	0.805	Skewness	1.01
Normal GOF Test			
Shapiro Wilk Test Statistic	0.88	Shapiro Wilk GOF Test	
5% Shapiro Wilk Critical Value	0.947	Data Not Normal at 5% Significance Level	
Lilliefors Test Statistic	0.191	Lilliefors GOF Test	
5% Lilliefors Critical Value	0.125	Data Not Normal at 5% Significance Level	
Data Not Normal at 5% Significance Level			
Assuming Normal Distribution			
95% Normal UCL		95% UCLs (Adjusted for Skewness)	
95% Student's-t UCL	34.91	95% Adjusted-CLT UCL (Chen-1995)	35.31
		95% Modified-t UCL (Johnson-1978)	34.99
Gamma GOF Test			
A-D Test Statistic	0.68	Anderson-Darling Gamma GOF Test	
5% A-D Critical Value	0.768	Detected data appear Gamma Distributed at 5% Significance Level	
K-S Test Statistic	0.13	Kolmogrov-Smirnoff Gamma GOF Test	
5% K-S Critical Value	0.128	Data Not Gamma Distributed at 5% Significance Level	
Detected data follow Appr. Gamma Distribution at 5% Significance Level			
Gamma Statistics			
k hat (MLE)	1.451	k star (bias corrected MLE)	1.377
Theta hat (MLE)	20.2	Theta star (bias corrected MLE)	21.28
nu hat (MLE)	145.1	nu star (bias corrected)	137.7
MLE Mean (bias corrected)	29.31	MLE Sd (bias corrected)	24.98
		Approximate Chi Square Value (0.05)	111.6
Adjusted Level of Significance	0.0452	Adjusted Chi Square Value	110.9
Assuming Gamma Distribution			
95% Approximate Gamma UCL (use when n>=50)	36.17	95% Adjusted Gamma UCL (use when n<50)	36.4
Lognormal GOF Test			
Shapiro Wilk Test Statistic	0.94	Shapiro Wilk Lognormal GOF Test	
5% Shapiro Wilk Critical Value	0.947	Data Not Lognormal at 5% Significance Level	
Lilliefors Test Statistic	0.16	Lilliefors Lognormal GOF Test	
5% Lilliefors Critical Value	0.125	Data Not Lognormal at 5% Significance Level	
Data Not Lognormal at 5% Significance Level			
Lognormal Statistics			
Minimum of Logged Data	1.03	Mean of logged Data	2.995
Maximum of Logged Data	4.575	SD of logged Data	0.959
Assuming Lognormal Distribution			
95% H-UCL	43.4	90% Chebyshev (MVUE) UCL	46.07
95% Chebyshev (MVUE) UCL	52.78	97.5% Chebyshev (MVUE) UCL	62.09
99% Chebyshev (MVUE) UCL	80.38		
Nonparametric Distribution Free UCL Statistics			
Data appear to follow a Discernible Distribution at 5% Significance Level			

**Nickel (cont'd)**

**Nonparametric Distribution Free UCLs**

95% CLT UCL	34.8	95% Jackknife UCL	34.91
95% Standard Bootstrap UCL	34.74	95% Bootstrap-t UCL	35.11
95% Hall's Bootstrap UCL	35.49	95% Percentile Bootstrap UCL	35.03
95% BCA Bootstrap UCL	35.2		
90% Chebyshev(Mean, Sd) UCL	39.33	95% Chebyshev(Mean, Sd) UCL	43.86
97.5% Chebyshev(Mean, Sd) UCL	50.16	99% Chebyshev(Mean, Sd) UCL	62.53

**Suggested UCL to Use**

95% Approximate Gamma UCL 36.17

Note: Suggestions regarding the selection of a 95% UCL are provided to help the user to select the most appropriate 95% UCL.

These recommendations are based upon the results of the simulation studies summarized in Singh, Singh, and Iaci (2002) and Singh and Singh (2003). However, simulations results will not cover all Real World data sets.

For additional insight the user may want to consult a statistician.

**Selenium**

**General Statistics**

Total Number of Observations	50	Number of Distinct Observations	36
Number of Detects	24	Number of Non-Detects	26
Number of Distinct Detects	19	Number of Distinct Non-Detects	19
Minimum Detect	0.39	Minimum Non-Detect	0.26
Maximum Detect	5.3	Maximum Non-Detect	10.4
Variance Detects	1.506	Percent Non-Detects	52%
Mean Detects	1.983	SD Detects	1.227
Median Detects	2	CV Detects	0.619
Skewness Detects	0.887	Kurtosis Detects	0.845
Mean of Logged Detects	0.475	SD of Logged Detects	0.703

**Normal GOF Test on Detects Only**

Shapiro Wilk Test Statistic	0.933	<b>Shapiro Wilk GOF Test</b>
5% Shapiro Wilk Critical Value	0.916	Detected Data appear Normal at 5% Significance Level
Lilliefors Test Statistic	0.122	<b>Lilliefors GOF Test</b>
5% Lilliefors Critical Value	0.181	Detected Data appear Normal at 5% Significance Level

**Detected Data appear Normal at 5% Significance Level**

**Kaplan-Meier (KM) Statistics using Normal Critical Values and other Nonparametric UCLs**

Mean	1.665	Standard Error of Mean	0.2
SD	1.11	95% KM (BCA) UCL	1.998
95% KM (t) UCL	2.001	95% KM (Percentile Bootstrap) UCL	1.988
95% KM (z) UCL	1.995	95% KM Bootstrap t UCL	2.024
90% KM Chebyshev UCL	2.266	95% KM Chebyshev UCL	2.538
97.5% KM Chebyshev UCL	2.916	99% KM Chebyshev UCL	3.658

**Gamma GOF Tests on Detected Observations Only**

A-D Test Statistic	0.303	<b>Anderson-Darling GOF Test</b>
5% A-D Critical Value	0.753	Detected data appear Gamma Distributed at 5% Significance Level
K-S Test Statistic	0.13	<b>Kolmogorov-Smirnov GOF</b>
5% K-S Critical Value	0.18	Detected data appear Gamma Distributed at 5% Significance Level

**Detected data appear Gamma Distributed at 5% Significance Level**

**Gamma Statistics on Detected Data Only**

k hat (MLE)	2.542	k star (bias corrected MLE)	2.252
Theta hat (MLE)	0.78	Theta star (bias corrected MLE)	0.881
nu hat (MLE)	122	nu star (bias corrected)	108.1
MLE Mean (bias corrected)	1.983	MLE Sd (bias corrected)	1.321

**Gamma Kaplan-Meier (KM) Statistics**

k hat (KM)	2.251	nu hat (KM)	225.1
Approximate Chi Square Value (225.14, $\alpha$ )	191.4	Adjusted Chi Square Value (225.14, $\beta$ )	190.5
95% Gamma Approximate KM-UCL (use when $n \geq 50$ )	1.959	95% Gamma Adjusted KM-UCL (use when $n < 50$ )	1.968

**Gamma ROS Statistics using Imputed Non-Detects**

GROS may not be used when data set has > 50% NDs with many tied observations at multiple DLs

GROS may not be used when kstar of detected data is small such as < 0.1

For such situations, GROS method tends to yield inflated values of UCLs and BTVs

For gamma distributed detected data, BTVs and UCLs may be computed using gamma distribution on KM estimates

Minimum	0.25	Mean	1.608
Maximum	5.3	Median	1.406
SD	0.968	CV	0.602
k hat (MLE)	3.025	k star (bias corrected MLE)	2.857
Theta hat (MLE)	0.532	Theta star (bias corrected MLE)	0.563
nu hat (MLE)	302.5	nu star (bias corrected)	285.7
MLE Mean (bias corrected)	1.608	MLE Sd (bias corrected)	0.951
		Adjusted Level of Significance ( $\beta$ )	0.0452
Approximate Chi Square Value (285.68, $\alpha$ )	247.5	Adjusted Chi Square Value (285.68, $\beta$ )	246.5
95% Gamma Approximate UCL (use when $n \geq 50$ )	1.856	95% Gamma Adjusted UCL (use when $n < 50$ )	1.864

**Selenium (cont'd)**

**Lognormal GOF Test on Detected Observations Only**

Shapiro Wilk Test Statistic	0.955	<b>Shapiro Wilk GOF Test</b>
5% Shapiro Wilk Critical Value	0.916	Detected Data appear Lognormal at 5% Significance Level
Lilliefors Test Statistic	0.163	<b>Lilliefors GOF Test</b>
5% Lilliefors Critical Value	0.181	Detected Data appear Lognormal at 5% Significance Level

**Detected Data appear Lognormal at 5% Significance Level**

**Lognormal ROS Statistics Using Imputed Non-Detects**

Mean in Original Scale	1.55	Mean in Log Scale	0.268
SD in Original Scale	0.976	SD in Log Scale	0.595
95% t UCL (assumes normality of ROS data)	1.781	95% Percentile Bootstrap UCL	1.777
95% BCA Bootstrap UCL	1.823	95% Bootstrap t UCL	1.84
95% H-UCL (Log ROS)	1.842		

**UCLs using Lognormal Distribution and KM Estimates when Detected data are Lognormally Distributed**

KM Mean (logged)	0.241	95% H-UCL (KM -Log)	2.231
KM SD (logged)	0.798	95% Critical H Value (KM-Log)	2.136
KM Standard Error of Mean (logged)	0.157		

**DL/2 Statistics**

**DL/2 Normal**

Mean in Original Scale	1.938
SD in Original Scale	1.127
95% t UCL (Assumes normality)	2.205

**DL/2 Log-Transformed**

Mean in Log Scale	0.452
SD in Log Scale	0.754
95% H-Stat UCL	2.615

**DL/2 is not a recommended method, provided for comparisons and historical reasons**

**Nonparametric Distribution Free UCL Statistics**

**Detected Data appear Normal Distributed at 5% Significance Level**

**Suggested UCL to Use**

95% KM (t) UCL	2.001	95% KM (Percentile Bootstrap) UCL	1.988
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Note: Suggestions regarding the selection of a 95% UCL are provided to help the user to select the most appropriate 95% UCL.

Recommendations are based upon data size, data distribution, and skewness.

These recommendations are based upon the results of the simulation studies summarized in Singh, Maichle, and Lee (2006).

However, simulations results will not cover all Real World data sets; for additional insight the user may want to consult a statistician.

**Silver**

**General Statistics**

Total Number of Observations	45	Number of Distinct Observations	35
Number of Detects	25	Number of Non-Detects	20
Number of Distinct Detects	21	Number of Distinct Non-Detects	18
Minimum Detect	0.33	Minimum Non-Detect	0.78
Maximum Detect	7	Maximum Non-Detect	5.9
Variance Detects	3.179	Percent Non-Detects	44.44%
Mean Detects	2.655	SD Detects	1.783
Median Detects	2.7	CV Detects	0.671
Skewness Detects	0.906	Kurtosis Detects	0.924
Mean of Logged Detects	0.707	SD of Logged Detects	0.823

**Normal GOF Test on Detects Only**

Shapiro Wilk Test Statistic	0.897	<b>Shapiro Wilk GOF Test</b>
5% Shapiro Wilk Critical Value	0.918	Detected Data Not Normal at 5% Significance Level
Lilliefors Test Statistic	0.14	<b>Lilliefors GOF Test</b>
5% Lilliefors Critical Value	0.177	Detected Data appear Normal at 5% Significance Level
Detected Data appear Approximate Normal at 5% Significance Level		

**Kaplan-Meier (KM) Statistics using Normal Critical Values and other Nonparametric UCLs**

Mean	1.776	Standard Error of Mean	0.257
SD	1.658	95% KM (BCA) UCL	2.233
95% KM (t) UCL	2.208	95% KM (Percentile Bootstrap) UCL	2.229
95% KM (z) UCL	2.199	95% KM Bootstrap t UCL	2.303
90% KM Chebyshev UCL	2.547	95% KM Chebyshev UCL	2.896
97.5% KM Chebyshev UCL	3.38	99% KM Chebyshev UCL	4.331

**Gamma GOF Tests on Detected Observations Only**

A-D Test Statistic	0.732	<b>Anderson-Darling GOF Test</b>
5% A-D Critical Value	0.756	Detected data appear Gamma Distributed at 5% Significance Level
K-S Test Statistic	0.222	<b>Kolmogorov-Smirnov GOF</b>
5% K-S Critical Value	0.177	Detected Data Not Gamma Distributed at 5% Significance Level
Detected data follow Appr. Gamma Distribution at 5% Significance Level		

**Gamma Statistics on Detected Data Only**

k hat (MLE)	2.006	k star (bias corrected MLE)	1.792
Theta hat (MLE)	1.324	Theta star (bias corrected MLE)	1.482
nu hat (MLE)	100.3	nu star (bias corrected)	89.58
MLE Mean (bias corrected)	2.655	MLE Sd (bias corrected)	1.984

**Gamma Kaplan-Meier (KM) Statistics**

k hat (KM)	1.147	nu hat (KM)	103.3
Approximate Chi Square Value (103.27, $\alpha$ )	80.82	Adjusted Chi Square Value (103.27, $\beta$ )	80.16
95% Gamma Approximate KM-UCL (use when $n \geq 50$ )	2.27	95% Gamma Adjusted KM-UCL (use when $n < 50$ )	2.289

**Gamma ROS Statistics using Imputed Non-Detects**

GROS may not be used when data set has > 50% NDs with many tied observations at multiple DLs

GROS may not be used when kstar of detected data is small such as < 0.1

For such situations, GROS method tends to yield inflated values of UCLs and BTVs

For gamma distributed detected data, BTVs and UCLs may be computed using gamma distribution on KM estimates

Minimum	0.186	Mean	1.743
Maximum	7	Median	0.864
SD	1.681	CV	0.964
k hat (MLE)	1.318	k star (bias corrected MLE)	1.245
Theta hat (MLE)	1.322	Theta star (bias corrected MLE)	1.399
nu hat (MLE)	118.7	nu star (bias corrected)	112.1
MLE Mean (bias corrected)	1.743	MLE Sd (bias corrected)	1.562
		Adjusted Level of Significance ( $\beta$ )	0.0447
Approximate Chi Square Value (112.08, $\alpha$ )	88.64	Adjusted Chi Square Value (112.08, $\beta$ )	87.95
95% Gamma Approximate UCL (use when $n \geq 50$ )	2.204	95% Gamma Adjusted UCL (use when $n < 50$ )	2.221

**Silver (cont'd)**

**Lognormal GOF Test on Detected Observations Only**

Shapiro Wilk Test Statistic	0.915	<b>Shapiro Wilk GOF Test</b>
5% Shapiro Wilk Critical Value	0.918	Detected Data Not Lognormal at 5% Significance Level
Lilliefors Test Statistic	0.259	<b>Lilliefors GOF Test</b>
5% Lilliefors Critical Value	0.177	Detected Data Not Lognormal at 5% Significance Level

**Detected Data Not Lognormal at 5% Significance Level**

**Lognormal ROS Statistics Using Imputed Non-Detects**

Mean in Original Scale	1.8	Mean in Log Scale	0.245
SD in Original Scale	1.637	SD in Log Scale	0.811
95% t UCL (assumes normality of ROS data)	2.21	95% Percentile Bootstrap UCL	2.214
95% BCA Bootstrap UCL	2.294	95% Bootstrap t UCL	2.331
95% H-UCL (Log ROS)	2.315		

**DL/2 Statistics**

<b>DL/2 Normal</b>		<b>DL/2 Log-Transformed</b>	
Mean in Original Scale	1.788	Mean in Log Scale	0.159
SD in Original Scale	1.688	SD in Log Scale	0.934
95% t UCL (Assumes normality)	2.211	95% H-Stat UCL	2.504

**DL/2 is not a recommended method, provided for comparisons and historical reasons**

**Nonparametric Distribution Free UCL Statistics**

**Detected Data appear Approximate Normal Distributed at 5% Significance Level**

**Suggested UCL to Use**

95% KM (t) UCL	2.208	95% KM (Percentile Bootstrap) UCL	2.229
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Note: Suggestions regarding the selection of a 95% UCL are provided to help the user to select the most appropriate 95% UCL.

Recommendations are based upon data size, data distribution, and skewness.

These recommendations are based upon the results of the simulation studies summarized in Singh, Maichle, and Lee (2006).

However, simulations results will not cover all Real World data sets; for additional insight the user may want to consult a statistician.

**Vanadium**

General Statistics			
Total Number of Observations	50	Number of Distinct Observations	47
		Number of Missing Observations	0
Minimum	4	Mean	17.37
Maximum	32.4	Median	18.25
SD	8.07	Std. Error of Mean	1.141
Coefficient of Variation	0.465	Skewness	-0.0621
Normal GOF Test			
Shapiro Wilk Test Statistic	0.941	Shapiro Wilk GOF Test	
5% Shapiro Wilk Critical Value	0.947	Data Not Normal at 5% Significance Level	
Lilliefors Test Statistic	0.104	Lilliefors GOF Test	
5% Lilliefors Critical Value	0.125	Data appear Normal at 5% Significance Level	
Data appear Approximate Normal at 5% Significance Level			
Assuming Normal Distribution			
95% Normal UCL		95% UCLs (Adjusted for Skewness)	
95% Student's-t UCL	19.28	95% Adjusted-CLT UCL (Chen-1995)	19.23
		95% Modified-t UCL (Johnson-1978)	19.28
Gamma GOF Test			
A-D Test Statistic	1.19	Anderson-Darling Gamma GOF Test	
5% A-D Critical Value	0.754	Data Not Gamma Distributed at 5% Significance Level	
K-S Test Statistic	0.132	Kolmogrov-Smirnoff Gamma GOF Test	
5% K-S Critical Value	0.126	Data Not Gamma Distributed at 5% Significance Level	
Data Not Gamma Distributed at 5% Significance Level			
Gamma Statistics			
k hat (MLE)	3.728	k star (bias corrected MLE)	3.518
Theta hat (MLE)	4.658	Theta star (bias corrected MLE)	4.937
nu hat (MLE)	372.8	nu star (bias corrected)	351.8
MLE Mean (bias corrected)	17.37	MLE Sd (bias corrected)	9.259
		Approximate Chi Square Value (0.05)	309.3
Adjusted Level of Significance	0.0452	Adjusted Chi Square Value	308.1
Assuming Gamma Distribution			
95% Approximate Gamma UCL (use when n>=50))	19.75	95% Adjusted Gamma UCL (use when n<50)	19.83
Lognormal GOF Test			
Shapiro Wilk Test Statistic	0.894	Shapiro Wilk Lognormal GOF Test	
5% Shapiro Wilk Critical Value	0.947	Data Not Lognormal at 5% Significance Level	
Lilliefors Test Statistic	0.146	Lilliefors Lognormal GOF Test	
5% Lilliefors Critical Value	0.125	Data Not Lognormal at 5% Significance Level	
Data Not Lognormal at 5% Significance Level			
Lognormal Statistics			
Minimum of Logged Data	1.386	Mean of logged Data	2.714
Maximum of Logged Data	3.478	SD of logged Data	0.581
Assuming Lognormal Distribution			
95% H-UCL	21.01	90% Chebyshev (MVUE) UCL	22.48
95% Chebyshev (MVUE) UCL	24.6	97.5% Chebyshev (MVUE) UCL	27.54
99% Chebyshev (MVUE) UCL	33.32		
Nonparametric Distribution Free UCL Statistics			
Data appear to follow a Discernible Distribution at 5% Significance Level			

Vanadium (cont'd)

Nonparametric Distribution Free UCLs			
95% CLT UCL	19.24	95% Jackknife UCL	19.28
95% Standard Bootstrap UCL	19.21	95% Bootstrap-t UCL	19.23
95% Hall's Bootstrap UCL	19.3	95% Percentile Bootstrap UCL	19.19
95% BCA Bootstrap UCL	19.16		
90% Chebyshev(Mean, Sd) UCL	20.79	95% Chebyshev(Mean, Sd) UCL	22.34
97.5% Chebyshev(Mean, Sd) UCL	24.49	99% Chebyshev(Mean, Sd) UCL	28.72

**Suggested UCL to Use**

95% Student's-t UCL 19.28

Note: Suggestions regarding the selection of a 95% UCL are provided to help the user to select the most appropriate 95% UCL.

These recommendations are based upon the results of the simulation studies summarized in Singh, Singh, and Iaci (2002) and Singh and Singh (2003). However, simulations results will not cover all Real World data sets.

For additional insight the user may want to consult a statistician.

**Note: For highly negatively-skewed data, confidence limits (e.g., Chen, Johnson, Lognormal, and Gamma) may not be reliable. Chen's and Johnson's methods provide adjustments for positively skewed data sets.**



**Zinc**

General Statistics			
Total Number of Observations	50	Number of Distinct Observations	50
		Number of Missing Observations	0
Minimum	9.8	Mean	308.2
Maximum	1010	Median	181.5
SD	292.4	Std. Error of Mean	41.35
Coefficient of Variation	0.949	Skewness	0.732
Normal GOF Test			
Shapiro Wilk Test Statistic	0.856	Shapiro Wilk GOF Test	
5% Shapiro Wilk Critical Value	0.947	Data Not Normal at 5% Significance Level	
Lilliefors Test Statistic	0.192	Lilliefors GOF Test	
5% Lilliefors Critical Value	0.125	Data Not Normal at 5% Significance Level	
Data Not Normal at 5% Significance Level			
Assuming Normal Distribution			
95% Normal UCL		95% UCLs (Adjusted for Skewness)	
95% Student's-t UCL	377.5	95% Adjusted-CLT UCL (Chen-1995)	380.8
		95% Modified-t UCL (Johnson-1978)	378.2
Gamma GOF Test			
A-D Test Statistic	1.32	Anderson-Darling Gamma GOF Test	
5% A-D Critical Value	0.788	Data Not Gamma Distributed at 5% Significance Level	
K-S Test Statistic	0.143	Kolmogrov-Smirnoff Gamma GOF Test	
5% K-S Critical Value	0.13	Data Not Gamma Distributed at 5% Significance Level	
Data Not Gamma Distributed at 5% Significance Level			
Gamma Statistics			
k hat (MLE)	0.857	k star (bias corrected MLE)	0.819
Theta hat (MLE)	359.5	Theta star (bias corrected MLE)	376.2
nu hat (MLE)	85.74	nu star (bias corrected)	81.92
MLE Mean (bias corrected)	308.2	MLE Sd (bias corrected)	340.5
		Approximate Chi Square Value (0.05)	62.07
Adjusted Level of Significance	0.0452	Adjusted Chi Square Value	61.55
Assuming Gamma Distribution			
95% Approximate Gamma UCL (use when n>=50))	406.8	95% Adjusted Gamma UCL (use when n<50)	410.2
Lognormal GOF Test			
Shapiro Wilk Test Statistic	0.901	Shapiro Wilk Lognormal GOF Test	
5% Shapiro Wilk Critical Value	0.947	Data Not Lognormal at 5% Significance Level	
Lilliefors Test Statistic	0.147	Lilliefors Lognormal GOF Test	
5% Lilliefors Critical Value	0.125	Data Not Lognormal at 5% Significance Level	
Data Not Lognormal at 5% Significance Level			
Lognormal Statistics			
Minimum of Logged Data	2.282	Mean of logged Data	5.045
Maximum of Logged Data	6.918	SD of logged Data	1.358
Assuming Lognormal Distribution			
95% H-UCL	666.4	90% Chebyshev (MVUE) UCL	656.3
95% Chebyshev (MVUE) UCL	782.7	97.5% Chebyshev (MVUE) UCL	958.2
99% Chebyshev (MVUE) UCL	1303		
Nonparametric Distribution Free UCL Statistics			
Data do not follow a Discernible Distribution (0.05)			

**Zinc (cont'd)**

<b>Nonparametric Distribution Free UCLs</b>			
95% CLT UCL	376.2	95% Jackknife UCL	377.5
95% Standard Bootstrap UCL	377.7	95% Bootstrap-t UCL	382.6
95% Hall's Bootstrap UCL	377.7	95% Percentile Bootstrap UCL	378
95% BCA Bootstrap UCL	382.2		
90% Chebyshev(Mean, Sd) UCL	432.3	95% Chebyshev(Mean, Sd) UCL	488.5
97.5% Chebyshev(Mean, Sd) UCL	566.4	99% Chebyshev(Mean, Sd) UCL	719.7

**Suggested UCL to Use**

95% Chebyshev (Mean, Sd) UCL 488.5

Note: Suggestions regarding the selection of a 95% UCL are provided to help the user to select the most appropriate 95% UCL.

These recommendations are based upon the results of the simulation studies summarized in Singh, Singh, and Iaci (2002) and Singh and Singh (2003). However, simulations results will not cover all Real World data sets.

For additional insight the user may want to consult a statistician.

**UCL Statistics for Data Sets with Non-Detects**

User Selected Options

Date/Time of Computation 12/12/2014 11:45:10 AM  
From File Sediment inputs and ProUCL outputs QCd MKB for Tier 2.xls  
Full Precision OFF  
Confidence Coefficient 95%  
Number of Bootstrap Operations 2000

**4,4'-DDD**

**General Statistics**

Total Number of Observations	40	Number of Distinct Observations	34
Number of Detects	17	Number of Non-Detects	23
Number of Distinct Detects	16	Number of Distinct Non-Detects	18
Minimum Detect	0.4	Minimum Non-Detect	3.7
Maximum Detect	220	Maximum Non-Detect	24
Variance Detects	4701	Percent Non-Detects	57.5%
Mean Detects	45.26	SD Detects	68.57
Median Detects	15	CV Detects	1.515
Skewness Detects	1.834	Kurtosis Detects	2.315
Mean of Logged Detects	2.395	SD of Logged Detects	2.072

**Normal GOF Test on Detects Only**

Shapiro Wilk Test Statistic	0.687	<b>Shapiro Wilk GOF Test</b>
5% Shapiro Wilk Critical Value	0.892	Detected Data Not Normal at 5% Significance Level
Lilliefors Test Statistic	0.316	<b>Lilliefors GOF Test</b>
5% Lilliefors Critical Value	0.215	Detected Data Not Normal at 5% Significance Level

**Detected Data Not Normal at 5% Significance Level**

**Kaplan-Meier (KM) Statistics using Normal Critical Values and other Nonparametric UCLs**

Mean	19.91	Standard Error of Mean	7.917
SD	48.55	95% KM (BCA) UCL	34.08
<b>95% KM (t) UCL</b>	<b>33.24</b>	95% KM (Percentile Bootstrap) UCL	33.4
95% KM (z) UCL	32.93	95% KM Bootstrap t UCL	44.41
90% KM Chebyshev UCL	43.66	95% KM Chebyshev UCL	54.42
97.5% KM Chebyshev UCL	69.35	99% KM Chebyshev UCL	98.68

**Gamma GOF Tests on Detected Observations Only**

A-D Test Statistic	0.343	<b>Anderson-Darling GOF Test</b>
5% A-D Critical Value	0.808	Detected data appear Gamma Distributed at 5% Significance Level
K-S Test Statistic	0.139	<b>Kolmogrov-Smirnov GOF</b>
5% K-S Critical Value	0.222	Detected data appear Gamma Distributed at 5% Significance Level

**Detected data appear Gamma Distributed at 5% Significance Level**

**Gamma Statistics on Detected Data Only**

k hat (MLE)	0.455	k star (bias corrected MLE)	0.414
Theta hat (MLE)	99.52	Theta star (bias corrected MLE)	109.4
nu hat (MLE)	15.46	nu star (bias corrected)	14.07
MLE Mean (bias corrected)	45.26	MLE Sd (bias corrected)	70.37

**Gamma Kaplan-Meier (KM) Statistics**

k hat (KM)	0.168	nu hat (KM)	13.45
Approximate Chi Square Value (13.45, $\alpha$ )	6.196	Adjusted Chi Square Value (13.45, $\beta$ )	6.011
95% Gamma Approximate KM-UCL (use when $n \geq 50$ )	43.21	<b>95% Gamma Adjusted KM-UCL (use when <math>n &lt; 50</math>)</b>	<b>44.54</b>

4,4'-DDD (cont'd)

**Gamma ROS Statistics using Imputed Non-Detects**

GROS may not be used when data set has > 50% NDs with many tied observations at multiple DLs

GROS may not be used when kstar of detected data is small such as < 0.1

For such situations, GROS method tends to yield inflated values of UCLs and BTVs

For gamma distributed detected data, BTVs and UCLs may be computed using gamma distribution on KM estimates

Minimum	0.01	Mean	19.24
Maximum	220	Median	0.01
SD	49.42	CV	2.568
k hat (MLE)	0.165	k star (bias corrected MLE)	0.169
Theta hat (MLE)	116.5	Theta star (bias corrected MLE)	113.5
nu hat (MLE)	13.21	nu star (bias corrected)	13.56
MLE Mean (bias corrected)	19.24	MLE Sd (bias corrected)	46.74
		Adjusted Level of Significance ( $\beta$ )	0.044
Approximate Chi Square Value (13.56, $\alpha$ )	6.269	Adjusted Chi Square Value (13.56, $\beta$ )	6.083
95% Gamma Approximate UCL (use when n>=50)	41.61	95% Gamma Adjusted UCL (use when n<50)	42.88

**Lognormal GOF Test on Detected Observations Only**

Shapiro Wilk Test Statistic	0.94	<b>Shapiro Wilk GOF Test</b>
5% Shapiro Wilk Critical Value	0.892	Detected Data appear Lognormal at 5% Significance Level
Lilliefors Test Statistic	0.112	<b>Lilliefors GOF Test</b>
5% Lilliefors Critical Value	0.215	Detected Data appear Lognormal at 5% Significance Level

Detected Data appear Lognormal at 5% Significance Level

**Lognormal ROS Statistics Using Imputed Non-Detects**

Mean in Original Scale	19.87	Mean in Log Scale	1.004
SD in Original Scale	49.17	SD in Log Scale	1.839
95% t UCL (assumes normality of ROS data)	32.97	95% Percentile Bootstrap UCL	33.14
95% BCA Bootstrap UCL	36.71	95% Bootstrap t UCL	45.86
95% H-UCL (Log ROS)	41.86		

**UCLs using Lognormal Distribution and KM Estimates when Detected data are Lognormally Distributed**

KM Mean (logged)	0.902	95% H-UCL (KM -Log)	47.81
KM SD (logged)	1.919	95% Critical H Value (KM-Log)	3.654
KM Standard Error of Mean (logged)	0.367		

**DL/2 Statistics**

DL/2 Normal		DL/2 Log-Transformed	
Mean in Original Scale	21	Mean in Log Scale	1.599
SD in Original Scale	48.76	SD in Log Scale	1.529
95% t UCL (Assumes normality)	33.99	95% H-Stat UCL	33.93

DL/2 is not a recommended method, provided for comparisons and historical reasons

**Nonparametric Distribution Free UCL Statistics**

Detected Data appear Gamma Distributed at 5% Significance Level

**Suggested UCL to Use**

95% KM (t) UCL	33.24	95% GROS Adjusted Gamma UCL	42.88
95% Adjusted Gamma KM-UCL	44.54		

Note: Suggestions regarding the selection of a 95% UCL are provided to help the user to select the most appropriate 95% UCL.

Recommendations are based upon data size, data distribution, and skewness.

These recommendations are based upon the results of the simulation studies summarized in Singh, Maichle, and Lee (2006).

However, simulations results will not cover all Real World data sets; for additional insight the user may want to consult a statistician.

4,4'-DDE

**General Statistics**

Total Number of Observations	41	Number of Distinct Observations	33
Number of Detects	20	Number of Non-Detects	21
Number of Distinct Detects	18	Number of Distinct Non-Detects	16
Minimum Detect	0.71	Minimum Non-Detect	3.7
Maximum Detect	200	Maximum Non-Detect	24
Variance Detects	2587	Percent Non-Detects	51.22%
Mean Detects	36.38	SD Detects	50.87
Median Detects	20	CV Detects	1.398
Skewness Detects	2.144	Kurtosis Detects	4.941
Mean of Logged Detects	2.523	SD of Logged Detects	1.712

**Normal GOF Test on Detects Only**

Shapiro Wilk Test Statistic	0.722	<b>Shapiro Wilk GOF Test</b>
5% Shapiro Wilk Critical Value	0.905	Detected Data Not Normal at 5% Significance Level
Lilliefors Test Statistic	0.281	<b>Lilliefors GOF Test</b>
5% Lilliefors Critical Value	0.198	Detected Data Not Normal at 5% Significance Level

**Detected Data Not Normal at 5% Significance Level**

**Kaplan-Meier (KM) Statistics using Normal Critical Values and other Nonparametric UCLs**

Mean	18.73	Standard Error of Mean	6.204
SD	38.69	95% KM (BCA) UCL	29.2
95% KM (t) UCL	29.18	95% KM (Percentile Bootstrap) UCL	29.71
95% KM (z) UCL	28.93	95% KM Bootstrap t UCL	36.54
90% KM Chebyshev UCL	37.34	95% KM Chebyshev UCL	45.77
97.5% KM Chebyshev UCL	57.47	99% KM Chebyshev UCL	80.46

**Gamma GOF Tests on Detected Observations Only**

A-D Test Statistic	0.336	<b>Anderson-Darling GOF Test</b>
5% A-D Critical Value	0.795	Detected data appear Gamma Distributed at 5% Significance Level
K-S Test Statistic	0.125	<b>Kolmogrov-Smirnoff GOF</b>
5% K-S Critical Value	0.204	Detected data appear Gamma Distributed at 5% Significance Level

**Detected data appear Gamma Distributed at 5% Significance Level**

**Gamma Statistics on Detected Data Only**

k hat (MLE)	0.58	k star (bias corrected MLE)	0.526
Theta hat (MLE)	62.77	Theta star (bias corrected MLE)	69.17
nu hat (MLE)	23.18	nu star (bias corrected)	21.04
MLE Mean (bias corrected)	36.38	MLE Sd (bias corrected)	50.17

**Gamma Kaplan-Meier (KM) Statistics**

k hat (KM)	0.234	nu hat (KM)	19.22
Approximate Chi Square Value (19.22, $\alpha$ )	10.28	Adjusted Chi Square Value (19.22, $\beta$ )	10.04
95% Gamma Approximate KM-UCL (use when $n \geq 50$ )	35.03	95% Gamma Adjusted KM-UCL (use when $n < 50$ )	35.86

**Gamma ROS Statistics using Imputed Non-Detects**

GROS may not be used when data set has > 50% NDs with many tied observations at multiple DLs

GROS may not be used when kstar of detected data is small such as < 0.1

For such situations, GROS method tends to yield inflated values of UCLs and BTVs

For gamma distributed detected data, BTVs and UCLs may be computed using gamma distribution on KM estimates

Minimum	0.01	Mean	17.75
Maximum	200	Median	0.01
SD	39.6	CV	2.23
k hat (MLE)	0.186	k star (bias corrected MLE)	0.189
Theta hat (MLE)	95.52	Theta star (bias corrected MLE)	94.17
nu hat (MLE)	15.24	nu star (bias corrected)	15.46
MLE Mean (bias corrected)	17.75	MLE Sd (bias corrected)	40.89
		Adjusted Level of Significance ( $\beta$ )	0.0441
Approximate Chi Square Value (15.46, $\alpha$ )	7.582	Adjusted Chi Square Value (15.46, $\beta$ )	7.38
95% Gamma Approximate UCL (use when $n \geq 50$ )	36.2	95% Gamma Adjusted UCL (use when $n < 50$ )	37.19

4,4'-DDE (cont'd)

**Lognormal GOF Test on Detected Observations Only**

Shapiro Wilk Test Statistic	0.956	<b>Shapiro Wilk GOF Test</b>
5% Shapiro Wilk Critical Value	0.905	Detected Data appear Lognormal at 5% Significance Level
Lilliefors Test Statistic	0.158	<b>Lilliefors GOF Test</b>
5% Lilliefors Critical Value	0.198	Detected Data appear Lognormal at 5% Significance Level

**Detected Data appear Lognormal at 5% Significance Level**

**Lognormal ROS Statistics Using Imputed Non-Detects**

Mean in Original Scale	18.75	Mean in Log Scale	1.528
SD in Original Scale	39.15	SD in Log Scale	1.566
95% t UCL (assumes normality of ROS data)	29.05	95% Percentile Bootstrap UCL	29.23
95% BCA Bootstrap UCL	33.35	95% Bootstrap t UCL	37.4
95% H-UCL (Log ROS)	33.36		

**UCLs using Lognormal Distribution and KM Estimates when Detected data are Lognormally Distributed**

KM Mean (logged)	1.46	95% H-UCL (KM -Log)	35.8
KM SD (logged)	1.623	95% Critical H Value (KM-Log)	3.119
KM Standard Error of Mean (logged)	0.295		

**DL/2 Statistics**

**DL/2 Normal**

Mean in Original Scale	19.39
SD in Original Scale	38.9
95% t UCL (Assumes normality)	29.62

**DL/2 Log-Transformed**

Mean in Log Scale	1.766
SD in Log Scale	1.43
95% H-Stat UCL	31.08

**DL/2 is not a recommended method, provided for comparisons and historical reasons**

**Nonparametric Distribution Free UCL Statistics**

**Detected Data appear Gamma Distributed at 5% Significance Level**

**Suggested UCL to Use**

95% KM (t) UCL	29.18	95% GROS Adjusted Gamma UCL	37.19
95% Adjusted Gamma KM-UCL	35.86		

Note: Suggestions regarding the selection of a 95% UCL are provided to help the user to select the most appropriate 95% UCL.

Recommendations are based upon data size, data distribution, and skewness.

These recommendations are based upon the results of the simulation studies summarized in Singh, Maichle, and Lee (2006).

However, simulations results will not cover all Real World data sets; for additional insight the user may want to consult a statistician.

4,4'-DDT

**General Statistics**

Total Number of Observations	43	Number of Distinct Observations	37
Number of Detects	22	Number of Non-Detects	21
Number of Distinct Detects	21	Number of Distinct Non-Detects	18
Minimum Detect	0.43	Minimum Non-Detect	3.6
Maximum Detect	3000	Maximum Non-Detect	160
Variance Detects	403665	Percent Non-Detects	48.84%
Mean Detects	162.4	SD Detects	635.3
Median Detects	7.75	CV Detects	3.913
Skewness Detects	4.654	Kurtosis Detects	21.75
Mean of Logged Detects	2.649	SD of Logged Detects	1.789

**Normal GOF Test on Detects Only**

Shapiro Wilk Test Statistic	0.262	<b>Shapiro Wilk GOF Test</b>
5% Shapiro Wilk Critical Value	0.911	Detected Data Not Normal at 5% Significance Level
Lilliefors Test Statistic	0.443	<b>Lilliefors GOF Test</b>
5% Lilliefors Critical Value	0.189	Detected Data Not Normal at 5% Significance Level

**Detected Data Not Normal at 5% Significance Level**

**Kaplan-Meier (KM) Statistics using Normal Critical Values and other Nonparametric UCLs**

Mean	84.55	Standard Error of Mean	70.42
SD	451.1	95% KM (BCA) UCL	227
95% KM (t) UCL	203	95% KM (Percentile Bootstrap) UCL	221.7
95% KM (z) UCL	200.4	95% KM Bootstrap t UCL	1710
90% KM Chebyshev UCL	295.8	95% KM Chebyshev UCL	391.5
97.5% KM Chebyshev UCL	524.3	99% KM Chebyshev UCL	785.2

**Gamma GOF Tests on Detected Observations Only**

A-D Test Statistic	3.619	<b>Anderson-Darling GOF Test</b>
5% A-D Critical Value	0.855	Detected Data Not Gamma Distributed at 5% Significance Level
K-S Test Statistic	0.331	<b>Kolmogrov-Smirnoff GOF</b>
5% K-S Critical Value	0.202	Detected Data Not Gamma Distributed at 5% Significance Level

**Detected Data Not Gamma Distributed at 5% Significance Level**

**Gamma Statistics on Detected Data Only**

k hat (MLE)	0.285	k star (bias corrected MLE)	0.276
Theta hat (MLE)	569.9	Theta star (bias corrected MLE)	587.5
nu hat (MLE)	12.54	nu star (bias corrected)	12.16
MLE Mean (bias corrected)	162.4	MLE Sd (bias corrected)	308.8

**Gamma Kaplan-Meier (KM) Statistics**

k hat (KM)	0.0351	nu hat (KM)	3.021
Approximate Chi Square Value (3.02, $\alpha$ )	0.379	Adjusted Chi Square Value (3.02, $\beta$ )	0.352
95% Gamma Approximate KM-UCL (use when $n \geq 50$ )	674.5	95% Gamma Adjusted KM-UCL (use when $n < 50$ )	726.5

**Gamma (KM) may not be used when k hat (KM) is < 0.1**

**Gamma ROS Statistics using Imputed Non-Detects**

**GROS may not be used when data set has > 50% NDs with many tied observations at multiple DLs**

**GROS may not be used when kstar of detected data is small such as < 0.1**

**For such situations, GROS method tends to yield inflated values of UCLs and BTVs**

**For gamma distributed detected data, BTVs and UCLs may be computed using gamma distribution on KM estimates**

Minimum	0.01	Mean	83.07
Maximum	3000	Median	0.43
SD	456.7	CV	5.498
k hat (MLE)	0.145	k star (bias corrected MLE)	0.151
Theta hat (MLE)	571.7	Theta star (bias corrected MLE)	551.3
nu hat (MLE)	12.5	nu star (bias corrected)	12.96
MLE Mean (bias corrected)	83.07	MLE Sd (bias corrected)	214
		Adjusted Level of Significance ( $\beta$ )	0.0444
Approximate Chi Square Value (12.96, $\alpha$ )	5.865	Adjusted Chi Square Value (12.96, $\beta$ )	5.699
95% Gamma Approximate UCL (use when $n \geq 50$ )	183.5	95% Gamma Adjusted UCL (use when $n < 50$ )	188.9

4,4'-DDT (cont'd)

**Lognormal GOF Test on Detected Observations Only**

Shapiro Wilk Test Statistic	0.879	<b>Shapiro Wilk GOF Test</b>
5% Shapiro Wilk Critical Value	0.911	Detected Data Not Lognormal at 5% Significance Level
Lilliefors Test Statistic	0.229	<b>Lilliefors GOF Test</b>
5% Lilliefors Critical Value	0.189	Detected Data Not Lognormal at 5% Significance Level

**Detected Data Not Lognormal at 5% Significance Level**

**Lognormal ROS Statistics Using Imputed Non-Detects**

Mean in Original Scale	83.64	Mean in Log Scale	1.332
SD in Original Scale	456.6	SD in Log Scale	1.916
95% t UCL (assumes normality of ROS data)	200.8	95% Percentile Bootstrap UCL	221.3
95% BCA Bootstrap UCL	358.3	95% Bootstrap t UCL	2041
95% H-UCL (Log ROS)	67.69		

**DL/2 Statistics**

**DL/2 Normal**

Mean in Original Scale	87.38
SD in Original Scale	456.1
95% t UCL (Assumes normality)	204.4

**DL/2 Log-Transformed**

Mean in Log Scale	1.99
SD in Log Scale	1.618
95% H-Stat UCL	59.08

**DL/2 is not a recommended method, provided for comparisons and historical reasons**

**Nonparametric Distribution Free UCL Statistics**

**Data do not follow a Discernible Distribution at 5% Significance Level**

**Suggested UCL to Use**

97.5% KM (Chebyshev) UCL 524.3

Note: Suggestions regarding the selection of a 95% UCL are provided to help the user to select the most appropriate 95% UCL.

Recommendations are based upon data size, data distribution, and skewness.

These recommendations are based upon the results of the simulation studies summarized in Singh, Maichle, and Lee (2006).

However, simulations results will not cover all Real World data sets; for additional insight the user may want to consult a statistician.



4-Methylphenol (p-Cresol)

General Statistics

Total Number of Observations	34	Number of Distinct Observations	26
Number of Detects	16	Number of Non-Detects	18
Number of Distinct Detects	14	Number of Distinct Non-Detects	14
Minimum Detect	20	Minimum Non-Detect	210
Maximum Detect	4000	Maximum Non-Detect	1200
Variance Detects	1446081	Percent Non-Detects	52.94%
Mean Detects	551.9	SD Detects	1203
Median Detects	100	CV Detects	2.179
Skewness Detects	2.552	Kurtosis Detects	5.399
Mean of Logged Detects	4.917	SD of Logged Detects	1.49

Normal GOF Test on Detects Only

Shapiro Wilk Test Statistic	0.473	<b>Shapiro Wilk GOF Test</b>
5% Shapiro Wilk Critical Value	0.887	Detected Data Not Normal at 5% Significance Level
Lilliefors Test Statistic	0.432	<b>Lilliefors GOF Test</b>
5% Lilliefors Critical Value	0.222	Detected Data Not Normal at 5% Significance Level

Detected Data Not Normal at 5% Significance Level

Kaplan-Meier (KM) Statistics using Normal Critical Values and other Nonparametric UCLs

Mean	307.6	Standard Error of Mean	147.8
SD	832.6	<b>95% KM (BCA) UCL</b>	<b>553.3</b>
95% KM (t) UCL	557.8	95% KM (Percentile Bootstrap) UCL	556.6
95% KM (z) UCL	550.8	95% KM Bootstrap t UCL	2194
90% KM Chebyshev UCL	751.2	95% KM Chebyshev UCL	952.1
97.5% KM Chebyshev UCL	1231	99% KM Chebyshev UCL	1779

Gamma GOF Tests on Detected Observations Only

A-D Test Statistic	2.222	<b>Anderson-Darling GOF Test</b>
5% A-D Critical Value	0.805	Detected Data Not Gamma Distributed at 5% Significance Level
K-S Test Statistic	0.358	<b>Kolmogrov-Smirnoff GOF</b>
5% K-S Critical Value	0.228	Detected Data Not Gamma Distributed at 5% Significance Level

Detected Data Not Gamma Distributed at 5% Significance Level

Gamma Statistics on Detected Data Only

k hat (MLE)	0.461	k star (bias corrected MLE)	0.416
Theta hat (MLE)	1198	Theta star (bias corrected MLE)	1327
nu hat (MLE)	14.74	nu star (bias corrected)	13.31
MLE Mean (bias corrected)	551.9	MLE Sd (bias corrected)	855.9

Gamma Kaplan-Meier (KM) Statistics

k hat (KM)	0.137	nu hat (KM)	9.284
Approximate Chi Square Value (9.28, $\alpha$ )	3.499	Adjusted Chi Square Value (9.28, $\beta$ )	3.325
95% Gamma Approximate KM-UCL (use when $n \geq 50$ )	816.2	95% Gamma Adjusted KM-UCL (use when $n < 50$ )	858.9

Gamma ROS Statistics using Imputed Non-Detects

GROS may not be used when data set has > 50% NDs with many tied observations at multiple DLs

GROS may not be used when kstar of detected data is small such as < 0.1

For such situations, GROS method tends to yield inflated values of UCLs and BTVs

For gamma distributed detected data, BTVs and UCLs may be computed using gamma distribution on KM estimates

Minimum	0.01	Mean	275.3
Maximum	4000	Median	50
SD	854	CV	3.102
k hat (MLE)	0.164	k star (bias corrected MLE)	0.169
Theta hat (MLE)	1681	Theta star (bias corrected MLE)	1629
nu hat (MLE)	11.14	nu star (bias corrected)	11.49
MLE Mean (bias corrected)	275.3	MLE Sd (bias corrected)	669.7
		Adjusted Level of Significance ( $\beta$ )	0.0422
Approximate Chi Square Value (11.49, $\alpha$ )	4.892	Adjusted Chi Square Value (11.49, $\beta$ )	4.68
95% Gamma Approximate UCL (use when $n \geq 50$ )	646.4	95% Gamma Adjusted UCL (use when $n < 50$ )	675.8

4-Methylphenol (p-Cresol) (cont'd)

**Lognormal GOF Test on Detected Observations Only**

Shapiro Wilk Test Statistic	0.856	<b>Shapiro Wilk GOF Test</b>
5% Shapiro Wilk Critical Value	0.887	Detected Data Not Lognormal at 5% Significance Level
Lilliefors Test Statistic	0.263	<b>Lilliefors GOF Test</b>
5% Lilliefors Critical Value	0.222	Detected Data Not Lognormal at 5% Significance Level

**Detected Data Not Lognormal at 5% Significance Level**

**Lognormal ROS Statistics Using Imputed Non-Detects**

Mean in Original Scale	307.1	Mean in Log Scale	4.661
SD in Original Scale	844.2	SD in Log Scale	1.066
95% t UCL (assumes normality of ROS data)	552.2	95% Percentile Bootstrap UCL	575.7
95% BCA Bootstrap UCL	705.6	95% Bootstrap t UCL	3181
95% H-UCL (Log ROS)	298.4		

**DL/2 Statistics**

**DL/2 Normal**

Mean in Original Scale	368.9
SD in Original Scale	833.8
95% t UCL (Assumes normality)	610.8

**DL/2 Log-Transformed**

Mean in Log Scale	5.079
SD in Log Scale	1.063
95% H-Stat UCL	451

**DL/2 is not a recommended method, provided for comparisons and historical reasons**

**Nonparametric Distribution Free UCL Statistics**

**Data do not follow a Discernible Distribution at 5% Significance Level**

**Suggested UCL to Use**

95% KM (BCA) UCL	553.3
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Note: Suggestions regarding the selection of a 95% UCL are provided to help the user to select the most appropriate 95% UCL.

Recommendations are based upon data size, data distribution, and skewness.

These recommendations are based upon the results of the simulation studies summarized in Singh, Maichle, and Lee (2006).

However, simulations results will not cover all Real World data sets; for additional insight the user may want to consult a statistician.

alpha-Chlordane

General Statistics

Total Number of Observations	41	Number of Distinct Observations	30
Number of Detects	21	Number of Non-Detects	20
Number of Distinct Detects	18	Number of Distinct Non-Detects	12
Minimum Detect	0.58	Minimum Non-Detect	1.8
Maximum Detect	38	Maximum Non-Detect	12
Variance Detects	128.2	Percent Non-Detects	48.78%
Mean Detects	8.87	SD Detects	11.32
Median Detects	5.2	CV Detects	1.277
Skewness Detects	1.798	Kurtosis Detects	2.205
Mean of Logged Detects	1.494	SD of Logged Detects	1.207

Normal GOF Test on Detects Only

Shapiro Wilk Test Statistic	0.704	<b>Shapiro Wilk GOF Test</b>
5% Shapiro Wilk Critical Value	0.908	Detected Data Not Normal at 5% Significance Level
Lilliefors Test Statistic	0.284	<b>Lilliefors GOF Test</b>
5% Lilliefors Critical Value	0.193	Detected Data Not Normal at 5% Significance Level

Detected Data Not Normal at 5% Significance Level

Kaplan-Meier (KM) Statistics using Normal Critical Values and other Nonparametric UCLs

Mean	5.257	Standard Error of Mean	1.407
SD	8.758	<b>95% KM (BCA) UCL</b>	<b>7.841</b>
95% KM (t) UCL	7.626	95% KM (Percentile Bootstrap) UCL	7.634
95% KM (z) UCL	7.571	95% KM Bootstrap t UCL	9.109
90% KM Chebyshev UCL	9.477	95% KM Chebyshev UCL	11.39
97.5% KM Chebyshev UCL	14.04	99% KM Chebyshev UCL	19.25

Gamma GOF Tests on Detected Observations Only

A-D Test Statistic	0.811	<b>Anderson-Darling GOF Test</b>
5% A-D Critical Value	0.777	Detected Data Not Gamma Distributed at 5% Significance Level
K-S Test Statistic	0.18	<b>Kolmogrov-Smirnoff GOF</b>
5% K-S Critical Value	0.196	Detected data appear Gamma Distributed at 5% Significance Level

Detected data follow Appr. Gamma Distribution at 5% Significance Level

Gamma Statistics on Detected Data Only

k hat (MLE)	0.854	k star (bias corrected MLE)	0.764
Theta hat (MLE)	10.39	Theta star (bias corrected MLE)	11.61
nu hat (MLE)	35.87	nu star (bias corrected)	32.08
MLE Mean (bias corrected)	8.87	MLE Sd (bias corrected)	10.15

Gamma Kaplan-Meier (KM) Statistics

k hat (KM)	0.36	nu hat (KM)	29.55
Approximate Chi Square Value (29.55, $\alpha$ )	18.14	Adjusted Chi Square Value (29.55, $\beta$ )	17.81
95% Gamma Approximate KM-UCL (use when $n \geq 50$ )	8.565	<b>95% Gamma Adjusted KM-UCL (use when <math>n &lt; 50</math>)</b>	<b>8.722</b>

Gamma ROS Statistics using Imputed Non-Detects

GROS may not be used when data set has > 50% NDs with many tied observations at multiple DLs

GROS may not be used when kstar of detected data is small such as < 0.1

For such situations, GROS method tends to yield inflated values of UCLs and BTVs

For gamma distributed detected data, BTVs and UCLs may be computed using gamma distribution on KM estimates

Minimum	0.01	Mean	4.661
Maximum	38	Median	1
SD	9.135	CV	1.96
k hat (MLE)	0.27	k star (bias corrected MLE)	0.266
Theta hat (MLE)	17.28	Theta star (bias corrected MLE)	17.51
nu hat (MLE)	22.12	nu star (bias corrected)	21.83
MLE Mean (bias corrected)	4.661	MLE Sd (bias corrected)	9.033
		Adjusted Level of Significance ( $\beta$ )	0.0441
Approximate Chi Square Value (21.83, $\alpha$ )	12.21	Adjusted Chi Square Value (21.83, $\beta$ )	11.95
95% Gamma Approximate UCL (use when $n \geq 50$ )	8.332	<b>95% Gamma Adjusted UCL (use when <math>n &lt; 50</math>)</b>	<b>8.516</b>

alpha-Chlordane (cont'd)

**Lognormal GOF Test on Detected Observations Only**

Shapiro Wilk Test Statistic	0.956	<b>Shapiro Wilk GOF Test</b>
5% Shapiro Wilk Critical Value	0.908	Detected Data appear Lognormal at 5% Significance Level
Lilliefors Test Statistic	0.135	<b>Lilliefors GOF Test</b>
5% Lilliefors Critical Value	0.193	Detected Data appear Lognormal at 5% Significance Level

**Detected Data appear Lognormal at 5% Significance Level**

**Lognormal ROS Statistics Using Imputed Non-Detects**

Mean in Original Scale	5.262	Mean in Log Scale	0.915
SD in Original Scale	8.85	SD in Log Scale	1.081
95% t UCL (assumes normality of ROS data)	7.59	95% Percentile Bootstrap UCL	7.621
95% BCA Bootstrap UCL	8.235	95% Bootstrap t UCL	9.128
95% H-UCL (Log ROS)	6.799		

**UCLs using Lognormal Distribution and KM Estimates when Detected data are Lognormally Distributed**

KM Mean (logged)	0.896	95% H-UCL (KM -Log)	6.736
KM SD (logged)	1.087	95% Critical H Value (KM-Log)	2.449
KM Standard Error of Mean (logged)	0.19		

**DL/2 Statistics**

**DL/2 Normal**

Mean in Original Scale	5.425
SD in Original Scale	8.829
95% t UCL (Assumes normality)	7.747

**DL/2 Log-Transformed**

Mean in Log Scale	0.961
SD in Log Scale	1.086
95% H-Stat UCL	7.183

**DL/2 is not a recommended method, provided for comparisons and historical reasons**

**Nonparametric Distribution Free UCL Statistics**

**Detected Data appear Approximate Gamma Distributed at 5% Significance Level**

**Suggested UCL to Use**

95% KM (BCA) UCL	7.841	95% GROS Adjusted Gamma UCL	8.516
95% Adjusted Gamma KM-UCL	8.722		

Note: Suggestions regarding the selection of a 95% UCL are provided to help the user to select the most appropriate 95% UCL.

Recommendations are based upon data size, data distribution, and skewness.

These recommendations are based upon the results of the simulation studies summarized in Singh, Maichle, and Lee (2006).

However, simulations results will not cover all Real World data sets; for additional insight the user may want to consult a statistician.

**Benzo(k)fluoranthene**

**General Statistics**

Total Number of Observations	42	Number of Distinct Observations	34
Number of Detects	28	Number of Non-Detects	14
Number of Distinct Detects	25	Number of Distinct Non-Detects	12
Minimum Detect	36	Minimum Non-Detect	370
Maximum Detect	4800	Maximum Non-Detect	2900
Variance Detects	1500271	Percent Non-Detects	33.33%
Mean Detects	1165	SD Detects	1225
Median Detects	735	CV Detects	1.052
Skewness Detects	1.705	Kurtosis Detects	2.336
Mean of Logged Detects	6.531	SD of Logged Detects	1.137

**Normal GOF Test on Detects Only**

Shapiro Wilk Test Statistic	0.782	<b>Shapiro Wilk GOF Test</b>
5% Shapiro Wilk Critical Value	0.924	Detected Data Not Normal at 5% Significance Level
Lilliefors Test Statistic	0.271	<b>Lilliefors GOF Test</b>
5% Lilliefors Critical Value	0.167	Detected Data Not Normal at 5% Significance Level

**Detected Data Not Normal at 5% Significance Level**

**Kaplan-Meier (KM) Statistics using Normal Critical Values and other Nonparametric UCLs**

Mean	874	Standard Error of Mean	171.7
SD	1079	<b>95% KM (BCA) UCL</b>	<b>1173</b>
95% KM (t) UCL	1163	95% KM (Percentile Bootstrap) UCL	1160
95% KM (z) UCL	1156	95% KM Bootstrap t UCL	1244
90% KM Chebyshev UCL	1389	95% KM Chebyshev UCL	1622
97.5% KM Chebyshev UCL	1946	99% KM Chebyshev UCL	2582

**Gamma GOF Tests on Detected Observations Only**

A-D Test Statistic	0.382	<b>Anderson-Darling GOF Test</b>
5% A-D Critical Value	0.772	Detected data appear Gamma Distributed at 5% Significance Level
K-S Test Statistic	0.145	<b>Kolmogrov-Smirnoff GOF</b>
5% K-S Critical Value	0.17	Detected data appear Gamma Distributed at 5% Significance Level

**Detected data appear Gamma Distributed at 5% Significance Level**

**Gamma Statistics on Detected Data Only**

k hat (MLE)	1.081	k star (bias corrected MLE)	0.989
Theta hat (MLE)	1077	Theta star (bias corrected MLE)	1178
nu hat (MLE)	60.52	nu star (bias corrected)	55.37
MLE Mean (bias corrected)	1165	MLE Sd (bias corrected)	1171

**Gamma Kaplan-Meier (KM) Statistics**

k hat (KM)	0.656	nu hat (KM)	55.14
Approximate Chi Square Value (55.14, $\alpha$ )	39.07	Adjusted Chi Square Value (55.14, $\beta$ )	38.59
95% Gamma Approximate KM-UCL (use when $n \geq 50$ )	1233	<b>95% Gamma Adjusted KM-UCL (use when <math>n &lt; 50</math>)</b>	<b>1249</b>

**Gamma ROS Statistics using Imputed Non-Detects**

GROS may not be used when data set has > 50% NDs with many tied observations at multiple DLs

GROS may not be used when kstar of detected data is small such as < 0.1

For such situations, GROS method tends to yield inflated values of UCLs and BTVs

For gamma distributed detected data, BTVs and UCLs may be computed using gamma distribution on KM estimates

Minimum	0.01	Mean	810.9
Maximum	4800	Median	400
SD	1119	CV	1.38
k hat (MLE)	0.28	k star (bias corrected MLE)	0.276
Theta hat (MLE)	2899	Theta star (bias corrected MLE)	2942
nu hat (MLE)	23.49	nu star (bias corrected)	23.15
MLE Mean (bias corrected)	810.9	MLE Sd (bias corrected)	1545
		Adjusted Level of Significance ( $\beta$ )	0.0443
Approximate Chi Square Value (23.15, $\alpha$ )	13.2	Adjusted Chi Square Value (23.15, $\beta$ )	12.93
95% Gamma Approximate UCL (use when $n \geq 50$ )	1422	<b>95% Gamma Adjusted UCL (use when <math>n &lt; 50</math>)</b>	<b>1451</b>

**Benzo(k)fluoranthene (cont'd)**

**Lognormal GOF Test on Detected Observations Only**

Shapiro Wilk Test Statistic	0.973	<b>Shapiro Wilk GOF Test</b>
5% Shapiro Wilk Critical Value	0.924	Detected Data appear Lognormal at 5% Significance Level
Lilliefors Test Statistic	0.107	<b>Lilliefors GOF Test</b>
5% Lilliefors Critical Value	0.167	Detected Data appear Lognormal at 5% Significance Level

**Detected Data appear Lognormal at 5% Significance Level**

**Lognormal ROS Statistics Using Imputed Non-Detects**

Mean in Original Scale	852.7	Mean in Log Scale	6.137
SD in Original Scale	1091	SD in Log Scale	1.107
95% t UCL (assumes normality of ROS data)	1136	95% Percentile Bootstrap UCL	1143
95% BCA Bootstrap UCL	1188	95% Bootstrap t UCL	1259
95% H-UCL (Log ROS)	1312		

**UCLs using Lognormal Distribution and KM Estimates when Detected data are Lognormally Distributed**

KM Mean (logged)	6.114	95% H-UCL (KM -Log)	1529
KM SD (logged)	1.207	95% Critical H Value (KM-Log)	2.596
KM Standard Error of Mean (logged)	0.219		

**DL/2 Statistics**

**DL/2 Normal**

Mean in Original Scale	927
SD in Original Scale	1077
95% t UCL (Assumes normality)	1207

**DL/2 Log-Transformed**

Mean in Log Scale	6.289
SD in Log Scale	1.074
95% H-Stat UCL	1442

**DL/2 is not a recommended method, provided for comparisons and historical reasons**

**Nonparametric Distribution Free UCL Statistics**

**Detected Data appear Gamma Distributed at 5% Significance Level**

**Suggested UCL to Use**

95% KM (BCA) UCL	1173	95% GROS Adjusted Gamma UCL	1451
95% Adjusted Gamma KM-UCL	1249		

Note: Suggestions regarding the selection of a 95% UCL are provided to help the user to select the most appropriate 95% UCL.

Recommendations are based upon data size, data distribution, and skewness.

These recommendations are based upon the results of the simulation studies summarized in Singh, Maichle, and Lee (2006).

However, simulations results will not cover all Real World data sets; for additional insight the user may want to consult a statistician.

beta-Chlordane

General Statistics

Total Number of Observations	38	Number of Distinct Observations	24
Number of Detects	8	Number of Non-Detects	30
Number of Distinct Detects	7	Number of Distinct Non-Detects	18
Minimum Detect	0.12	Minimum Non-Detect	1.9
Maximum Detect	120	Maximum Non-Detect	83
Variance Detects	3290	Percent Non-Detects	78.95%
Mean Detects	48.47	SD Detects	57.36
Median Detects	17.1	CV Detects	1.184
Skewness Detects	0.56	Kurtosis Detects	-2.186
Mean of Logged Detects	2.253	SD of Logged Detects	2.565

Normal GOF Test on Detects Only

Shapiro Wilk Test Statistic	0.738	<b>Shapiro Wilk GOF Test</b>
5% Shapiro Wilk Critical Value	0.818	Detected Data Not Normal at 5% Significance Level
Lilliefors Test Statistic	0.28	<b>Lilliefors GOF Test</b>
5% Lilliefors Critical Value	0.313	Detected Data appear Normal at 5% Significance Level

Detected Data appear Approximate Normal at 5% Significance Level

Kaplan-Meier (KM) Statistics using Normal Critical Values and other Nonparametric UCLs

Mean	10.96	Standard Error of Mean	5.454
SD	31.35	95% KM (BCA) UCL	20.72
95% KM (t) UCL	20.16	95% KM (Percentile Bootstrap) UCL	20.3
95% KM (z) UCL	19.93	95% KM Bootstrap t UCL	22.4
90% KM Chebyshev UCL	27.32	95% KM Chebyshev UCL	34.73
97.5% KM Chebyshev UCL	45.02	99% KM Chebyshev UCL	65.22

Gamma GOF Tests on Detected Observations Only

A-D Test Statistic	0.53	<b>Anderson-Darling GOF Test</b>
5% A-D Critical Value	0.779	Detected data appear Gamma Distributed at 5% Significance Level
K-S Test Statistic	0.239	<b>Kolmogrov-Smirnoff GOF</b>
5% K-S Critical Value	0.313	Detected data appear Gamma Distributed at 5% Significance Level

Detected data appear Gamma Distributed at 5% Significance Level

Gamma Statistics on Detected Data Only

k hat (MLE)	0.404	k star (bias corrected MLE)	0.336
Theta hat (MLE)	120.1	Theta star (bias corrected MLE)	144.4
nu hat (MLE)	6.457	nu star (bias corrected)	5.369
MLE Mean (bias corrected)	48.47	MLE Sd (bias corrected)	83.66

Gamma Kaplan-Meier (KM) Statistics

k hat (KM)	0.122	nu hat (KM)	9.278
Approximate Chi Square Value (9.28, $\alpha$ )	3.495	Adjusted Chi Square Value (9.28, $\beta$ )	3.349
95% Gamma Approximate KM-UCL (use when $n \geq 50$ )	29.08	95% Gamma Adjusted KM-UCL (use when $n < 50$ )	30.35

Gamma ROS Statistics using Imputed Non-Detects

GROS may not be used when data set has > 50% NDs with many tied observations at multiple DLs

GROS may not be used when kstar of detected data is small such as < 0.1

For such situations, GROS method tends to yield inflated values of UCLs and BTVs

For gamma distributed detected data, BTVs and UCLs may be computed using gamma distribution on KM estimates

Minimum	0.01	Mean	10.21
Maximum	120	Median	0.01
SD	31.99	CV	3.133
k hat (MLE)	0.141	k star (bias corrected MLE)	0.148
Theta hat (MLE)	72.25	Theta star (bias corrected MLE)	69.12
nu hat (MLE)	10.74	nu star (bias corrected)	11.23
MLE Mean (bias corrected)	10.21	MLE Sd (bias corrected)	26.57
		Adjusted Level of Significance ( $\beta$ )	0.0434
Approximate Chi Square Value (11.23, $\alpha$ )	4.722	Adjusted Chi Square Value (11.23, $\beta$ )	4.548
95% Gamma Approximate UCL (use when $n \geq 50$ )	24.28	95% Gamma Adjusted UCL (use when $n < 50$ )	25.21

beta-Chlordane (cont'd)

**Lognormal GOF Test on Detected Observations Only**

Shapiro Wilk Test Statistic	0.889	<b>Shapiro Wilk GOF Test</b>
5% Shapiro Wilk Critical Value	0.818	Detected Data appear Lognormal at 5% Significance Level
Lilliefors Test Statistic	0.205	<b>Lilliefors GOF Test</b>
5% Lilliefors Critical Value	0.313	Detected Data appear Lognormal at 5% Significance Level

**Detected Data appear Lognormal at 5% Significance Level**

**Lognormal ROS Statistics Using Imputed Non-Detects**

Mean in Original Scale	10.64	Mean in Log Scale	-0.295
SD in Original Scale	31.85	SD in Log Scale	1.933
95% t UCL (assumes normality of ROS data)	19.36	95% Percentile Bootstrap UCL	19.38
95% BCA Bootstrap UCL	23.61	95% Bootstrap t UCL	23.48
95% H-UCL (Log ROS)	15.35		

**UCLs using Lognormal Distribution and KM Estimates when Detected data are Lognormally Distributed**

KM Mean (logged)	-0.1	95% H-UCL (KM -Log)	22.49
KM SD (logged)	1.994	95% Critical H Value (KM-Log)	3.736
KM Standard Error of Mean (logged)	0.78		

**DL/2 Statistics**

**DL/2 Normal**

Mean in Original Scale	13.12
SD in Original Scale	31.86
95% t UCL (Assumes normality)	21.83

**DL/2 Log-Transformed**

Mean in Log Scale	0.942
SD in Log Scale	1.532
95% H-Stat UCL	18.01

**DL/2 is not a recommended method, provided for comparisons and historical reasons**

**Nonparametric Distribution Free UCL Statistics**

**Detected Data appear Approximate Normal Distributed at 5% Significance Level**

**Suggested UCL to Use**

95% KM (t) UCL	20.16	95% KM (Percentile Bootstrap) UCL	20.3
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Note: Suggestions regarding the selection of a 95% UCL are provided to help the user to select the most appropriate 95% UCL.

Recommendations are based upon data size, data distribution, and skewness.

These recommendations are based upon the results of the simulation studies summarized in Singh, Maichle, and Lee (2006).

However, simulations results will not cover all Real World data sets; for additional insight the user may want to consult a statistician.



**Dibenzo(a,h)anthracene**

**General Statistics**

Total Number of Observations	42	Number of Distinct Observations	31
Number of Detects	24	Number of Non-Detects	18
Number of Distinct Detects	19	Number of Distinct Non-Detects	14
Minimum Detect	27	Minimum Non-Detect	270
Maximum Detect	410	Maximum Non-Detect	2400
Variance Detects	9656	Percent Non-Detects	42.86%
Mean Detects	137.2	SD Detects	98.27
Median Detects	120	CV Detects	0.716
Skewness Detects	1.583	Kurtosis Detects	2.346
Mean of Logged Detects	4.698	SD of Logged Detects	0.693

**Normal GOF Test on Detects Only**

Shapiro Wilk Test Statistic	0.837	<b>Shapiro Wilk GOF Test</b>
5% Shapiro Wilk Critical Value	0.916	Detected Data Not Normal at 5% Significance Level
Lilliefors Test Statistic	0.2	<b>Lilliefors GOF Test</b>
5% Lilliefors Critical Value	0.181	Detected Data Not Normal at 5% Significance Level

**Detected Data Not Normal at 5% Significance Level**

**Kaplan-Meier (KM) Statistics using Normal Critical Values and other Nonparametric UCLs**

Mean	132.3	Standard Error of Mean	17.79
SD	90.43	95% KM (BCA) UCL	164.6
95% KM (t) UCL	162.3	95% KM (Percentile Bootstrap) UCL	163.3
95% KM (z) UCL	161.6	95% KM Bootstrap t UCL	170.7
90% KM Chebyshev UCL	185.7	95% KM Chebyshev UCL	209.9
97.5% KM Chebyshev UCL	243.4	99% KM Chebyshev UCL	309.3

**Gamma GOF Tests on Detected Observations Only**

A-D Test Statistic	0.309	<b>Anderson-Darling GOF Test</b>
5% A-D Critical Value	0.753	Detected data appear Gamma Distributed at 5% Significance Level
K-S Test Statistic	0.115	<b>Kolmogrov-Smirnoff GOF</b>
5% K-S Critical Value	0.18	Detected data appear Gamma Distributed at 5% Significance Level

**Detected data appear Gamma Distributed at 5% Significance Level**

**Gamma Statistics on Detected Data Only**

k hat (MLE)	2.398	k star (bias corrected MLE)	2.126
Theta hat (MLE)	57.21	Theta star (bias corrected MLE)	64.52
nu hat (MLE)	115.1	nu star (bias corrected)	102
MLE Mean (bias corrected)	137.2	MLE Sd (bias corrected)	94.08

**Gamma Kaplan-Meier (KM) Statistics**

k hat (KM)	2.142	nu hat (KM)	179.9
Approximate Chi Square Value (179.92, $\alpha$ )	149.9	Adjusted Chi Square Value (179.92, $\beta$ )	148.9
95% Gamma Approximate KM-UCL (use when $n \geq 50$ )	158.9	95% Gamma Adjusted KM-UCL (use when $n < 50$ )	159.9

**Gamma ROS Statistics using Imputed Non-Detects**

GROS may not be used when data set has > 50% NDs with many tied observations at multiple DLs

GROS may not be used when kstar of detected data is small such as < 0.1

For such situations, GROS method tends to yield inflated values of UCLs and BTVs

For gamma distributed detected data, BTVs and UCLs may be computed using gamma distribution on KM estimates

Minimum	27	Mean	126.8
Maximum	410	Median	114.1
SD	76.24	CV	0.601
k hat (MLE)	3.683	k star (bias corrected MLE)	3.436
Theta hat (MLE)	34.42	Theta star (bias corrected MLE)	36.9
nu hat (MLE)	309.4	nu star (bias corrected)	288.6
MLE Mean (bias corrected)	126.8	MLE Sd (bias corrected)	68.4
		Adjusted Level of Significance ( $\beta$ )	0.0443
Approximate Chi Square Value (288.59, $\alpha$ )	250.2	Adjusted Chi Square Value (288.59, $\beta$ )	249
95% Gamma Approximate UCL (use when $n \geq 50$ )	146.2	95% Gamma Adjusted UCL (use when $n < 50$ )	146.9

**Dibenzo(a,h)anthracene (cont'd)**

**Lognormal GOF Test on Detected Observations Only**

Shapiro Wilk Test Statistic	0.979	<b>Shapiro Wilk GOF Test</b>
5% Shapiro Wilk Critical Value	0.916	Detected Data appear Lognormal at 5% Significance Level
Lilliefors Test Statistic	0.0928	<b>Lilliefors GOF Test</b>
5% Lilliefors Critical Value	0.181	Detected Data appear Lognormal at 5% Significance Level

**Detected Data appear Lognormal at 5% Significance Level**

**Lognormal ROS Statistics Using Imputed Non-Detects**

Mean in Original Scale	123.6	Mean in Log Scale	4.673
SD in Original Scale	76.48	SD in Log Scale	0.536
95% t UCL (assumes normality of ROS data)	143.5	95% Percentile Bootstrap UCL	142.7
95% BCA Bootstrap UCL	148.1	95% Bootstrap t UCL	150.6
95% H-UCL (Log ROS)	145.1		

**UCLs using Lognormal Distribution and KM Estimates when Detected data are Lognormally Distributed**

KM Mean (logged)	4.674	95% H-UCL (KM -Log)	164.4
KM SD (logged)	0.661	95% Critical H Value (KM-Log)	2.025
KM Standard Error of Mean (logged)	0.135		

**DL/2 Statistics**

**DL/2 Normal**

Mean in Original Scale	223
SD in Original Scale	209.8
95% t UCL (Assumes normality)	277.5

**DL/2 Log-Transformed**

Mean in Log Scale	5.101
SD in Log Scale	0.79
95% H-Stat UCL	292.1

**DL/2 is not a recommended method, provided for comparisons and historical reasons**

**Nonparametric Distribution Free UCL Statistics**

**Detected Data appear Gamma Distributed at 5% Significance Level**

**Suggested UCL to Use**

95% KM (t) UCL	162.3	95% GROS Adjusted Gamma UCL	146.9
95% Adjusted Gamma KM-UCL	159.9		

Note: Suggestions regarding the selection of a 95% UCL are provided to help the user to select the most appropriate 95% UCL.

Recommendations are based upon data size, data distribution, and skewness.

These recommendations are based upon the results of the simulation studies summarized in Singh, Maichle, and Lee (2006).

However, simulations results will not cover all Real World data sets; for additional insight the user may want to consult a statistician.

**Dieldrin**

**General Statistics**

Total Number of Observations	42	Number of Distinct Observations	31
Number of Detects	10	Number of Non-Detects	32
Number of Distinct Detects	8	Number of Distinct Non-Detects	24
Minimum Detect	5.8	Minimum Non-Detect	3.6
Maximum Detect	200	Maximum Non-Detect	30
Variance Detects	4415	Percent Non-Detects	76.19%
Mean Detects	56.88	SD Detects	66.45
Median Detects	25.5	CV Detects	1.168
Skewness Detects	1.55	Kurtosis Detects	1.434
Mean of Logged Detects	3.433	SD of Logged Detects	1.175

**Normal GOF Test on Detects Only**

Shapiro Wilk Test Statistic	0.76	<b>Shapiro Wilk GOF Test</b>
5% Shapiro Wilk Critical Value	0.842	Detected Data Not Normal at 5% Significance Level
Lilliefors Test Statistic	0.263	<b>Lilliefors GOF Test</b>
5% Lilliefors Critical Value	0.28	Detected Data appear Normal at 5% Significance Level

**Detected Data appear Approximate Normal at 5% Significance Level**

**Kaplan-Meier (KM) Statistics using Normal Critical Values and other Nonparametric UCLs**

Mean	16.36	Standard Error of Mean	6.216
SD	38.21	95% KM (BCA) UCL	27.96
95% KM (t) UCL	26.82	95% KM (Percentile Bootstrap) UCL	27.51
95% KM (z) UCL	26.59	95% KM Bootstrap t UCL	41.88
90% KM Chebyshev UCL	35.01	95% KM Chebyshev UCL	43.46
97.5% KM Chebyshev UCL	55.18	99% KM Chebyshev UCL	78.21

**Gamma GOF Tests on Detected Observations Only**

A-D Test Statistic	0.555	<b>Anderson-Darling GOF Test</b>
5% A-D Critical Value	0.75	Detected data appear Gamma Distributed at 5% Significance Level
K-S Test Statistic	0.244	<b>Kolmogrov-Smirnoff GOF</b>
5% K-S Critical Value	0.274	Detected data appear Gamma Distributed at 5% Significance Level

**Detected data appear Gamma Distributed at 5% Significance Level**

**Gamma Statistics on Detected Data Only**

k hat (MLE)	0.954	k star (bias corrected MLE)	0.735
Theta hat (MLE)	59.6	Theta star (bias corrected MLE)	77.42
nu hat (MLE)	19.09	nu star (bias corrected)	14.69
MLE Mean (bias corrected)	56.88	MLE Sd (bias corrected)	66.36

**Gamma Kaplan-Meier (KM) Statistics**

k hat (KM)	0.183	nu hat (KM)	15.41
Approximate Chi Square Value (15.41, $\alpha$ )	7.546	Adjusted Chi Square Value (15.41, $\beta$ )	7.35
95% Gamma Approximate KM-UCL (use when $n \geq 50$ )	33.41	95% Gamma Adjusted KM-UCL (use when $n < 50$ )	34.3

**Gamma ROS Statistics using Imputed Non-Detects**

GROS may not be used when data set has > 50% NDs with many tied observations at multiple DLs

GROS may not be used when kstar of detected data is small such as < 0.1

For such situations, GROS method tends to yield inflated values of UCLs and BTVs

For gamma distributed detected data, BTVs and UCLs may be computed using gamma distribution on KM estimates

Minimum	0.01	Mean	13.55
Maximum	200	Median	0.01
SD	39.63	CV	2.924
k hat (MLE)	0.146	k star (bias corrected MLE)	0.151
Theta hat (MLE)	93.01	Theta star (bias corrected MLE)	89.65
nu hat (MLE)	12.24	nu star (bias corrected)	12.7
MLE Mean (bias corrected)	13.55	MLE Sd (bias corrected)	34.85
		Adjusted Level of Significance ( $\beta$ )	0.0443
Approximate Chi Square Value (12.70, $\alpha$ )	5.69	Adjusted Chi Square Value (12.70, $\beta$ )	5.522
95% Gamma Approximate UCL (use when $n \geq 50$ )	30.24	95% Gamma Adjusted UCL (use when $n < 50$ )	31.16

**Dieldrin (cont'd)**

**Lognormal GOF Test on Detected Observations Only**

Shapiro Wilk Test Statistic	0.926	<b>Shapiro Wilk GOF Test</b>
5% Shapiro Wilk Critical Value	0.842	Detected Data appear Lognormal at 5% Significance Level
Lilliefors Test Statistic	0.213	<b>Lilliefors GOF Test</b>
5% Lilliefors Critical Value	0.28	Detected Data appear Lognormal at 5% Significance Level

**Detected Data appear Lognormal at 5% Significance Level**

**Lognormal ROS Statistics Using Imputed Non-Detects**

Mean in Original Scale	13.97	Mean in Log Scale	0.22
SD in Original Scale	39.48	SD in Log Scale	1.993
95% t UCL (assumes normality of ROS data)	24.23	95% Percentile Bootstrap UCL	24.21
95% BCA Bootstrap UCL	29.14	95% Bootstrap t UCL	41.69
95% H-UCL (Log ROS)	28.23		

**UCLs using Lognormal Distribution and KM Estimates when Detected data are Lognormally Distributed**

KM Mean (logged)	1.805	95% H-UCL (KM -Log)	16.08
KM SD (logged)	1.066	95% Critical H Value (KM-Log)	2.43
KM Standard Error of Mean (logged)	0.174		

**DL/2 Statistics**

**DL/2 Normal**

Mean in Original Scale	16.04
SD in Original Scale	38.85
95% t UCL (Assumes normality)	26.13

**DL/2 Log-Transformed**

Mean in Log Scale	1.597
SD in Log Scale	1.25
95% H-Stat UCL	18.1

**DL/2 is not a recommended method, provided for comparisons and historical reasons**

**Nonparametric Distribution Free UCL Statistics**

**Detected Data appear Approximate Normal Distributed at 5% Significance Level**

**Suggested UCL to Use**

95% KM (t) UCL	26.82	95% KM (Percentile Bootstrap) UCL	27.51
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Note: Suggestions regarding the selection of a 95% UCL are provided to help the user to select the most appropriate 95% UCL.

Recommendations are based upon data size, data distribution, and skewness.

These recommendations are based upon the results of the simulation studies summarized in Singh, Maichle, and Lee (2006).

However, simulations results will not cover all Real World data sets; for additional insight the user may want to consult a statistician.

Endosulfan I

**General Statistics**

Total Number of Observations	42	Number of Distinct Observations	29
Number of Detects	12	Number of Non-Detects	30
Number of Distinct Detects	11	Number of Distinct Non-Detects	19
Minimum Detect	1.4	Minimum Non-Detect	1.8
Maximum Detect	44	Maximum Non-Detect	83
Variance Detects	251.7	Percent Non-Detects	71.43%
Mean Detects	13.41	SD Detects	15.87
Median Detects	6.5	CV Detects	1.183
Skewness Detects	1.434	Kurtosis Detects	0.6
Mean of Logged Detects	1.962	SD of Logged Detects	1.186

**Normal GOF Test on Detects Only**

Shapiro Wilk Test Statistic	0.727	<b>Shapiro Wilk GOF Test</b>
5% Shapiro Wilk Critical Value	0.859	Detected Data Not Normal at 5% Significance Level
Lilliefors Test Statistic	0.31	<b>Lilliefors GOF Test</b>
5% Lilliefors Critical Value	0.256	Detected Data Not Normal at 5% Significance Level

**Detected Data Not Normal at 5% Significance Level**

**Kaplan-Meier (KM) Statistics using Normal Critical Values and other Nonparametric UCLs**

Mean	5.101	Standard Error of Mean	1.614
SD	9.848	95% KM (BCA) UCL	7.94
95% KM (t) UCL	7.818	95% KM (Percentile Bootstrap) UCL	7.916
95% KM (z) UCL	7.756	95% KM Bootstrap t UCL	11.2
90% KM Chebyshev UCL	9.944	95% KM Chebyshev UCL	12.14
97.5% KM Chebyshev UCL	15.18	99% KM Chebyshev UCL	21.16

**Gamma GOF Tests on Detected Observations Only**

A-D Test Statistic	0.581	<b>Anderson-Darling GOF Test</b>
5% A-D Critical Value	0.76	Detected data appear Gamma Distributed at 5% Significance Level
K-S Test Statistic	0.181	<b>Kolmogrov-Smirnoff GOF</b>
5% K-S Critical Value	0.253	Detected data appear Gamma Distributed at 5% Significance Level

**Detected data appear Gamma Distributed at 5% Significance Level**

**Gamma Statistics on Detected Data Only**

k hat (MLE)	0.92	k star (bias corrected MLE)	0.746
Theta hat (MLE)	14.57	Theta star (bias corrected MLE)	17.98
nu hat (MLE)	22.08	nu star (bias corrected)	17.89
MLE Mean (bias corrected)	13.41	MLE Sd (bias corrected)	15.53

**Gamma Kaplan-Meier (KM) Statistics**

k hat (KM)	0.268	nu hat (KM)	22.54
Approximate Chi Square Value (22.54, $\alpha$ )	12.74	Adjusted Chi Square Value (22.54, $\beta$ )	12.48
95% Gamma Approximate KM-UCL (use when $n \geq 50$ )	9.022	95% Gamma Adjusted KM-UCL (use when $n < 50$ )	9.213

**Gamma ROS Statistics using Imputed Non-Detects**

GROS may not be used when data set has > 50% NDs with many tied observations at multiple DLs

GROS may not be used when kstar of detected data is small such as < 0.1

For such situations, GROS method tends to yield inflated values of UCLs and BTVs

For gamma distributed detected data, BTVs and UCLs may be computed using gamma distribution on KM estimates

Minimum	0.01	Mean	3.838
Maximum	44	Median	0.01
SD	10.25	CV	2.671
k hat (MLE)	0.183	k star (bias corrected MLE)	0.186
Theta hat (MLE)	20.96	Theta star (bias corrected MLE)	20.64
nu hat (MLE)	15.38	nu star (bias corrected)	15.62
MLE Mean (bias corrected)	3.838	MLE Sd (bias corrected)	8.901
		Adjusted Level of Significance ( $\beta$ )	0.0443
Approximate Chi Square Value (15.62, $\alpha$ )	7.693	Adjusted Chi Square Value (15.62, $\beta$ )	7.494
95% Gamma Approximate UCL (use when $n \geq 50$ )	7.792	95% Gamma Adjusted UCL (use when $n < 50$ )	7.998

Endosulfan I (cont'd)

**Lognormal GOF Test on Detected Observations Only**

Shapiro Wilk Test Statistic	0.936	<b>Shapiro Wilk GOF Test</b>
5% Shapiro Wilk Critical Value	0.859	Detected Data appear Lognormal at 5% Significance Level
Lilliefors Test Statistic	0.12	<b>Lilliefors GOF Test</b>
5% Lilliefors Critical Value	0.256	Detected Data appear Lognormal at 5% Significance Level

**Detected Data appear Lognormal at 5% Significance Level**

**Lognormal ROS Statistics Using Imputed Non-Detects**

Mean in Original Scale	4.741	Mean in Log Scale	0.663
SD in Original Scale	9.926	SD in Log Scale	1.108
95% t UCL (assumes normality of ROS data)	7.318	95% Percentile Bootstrap UCL	7.348
95% BCA Bootstrap UCL	8.149	95% Bootstrap t UCL	10.42
95% H-UCL (Log ROS)	5.505		

**UCLs using Lognormal Distribution and KM Estimates when Detected data are Lognormally Distributed**

KM Mean (logged)	0.895	95% H-UCL (KM -Log)	5.37
KM SD (logged)	0.945	95% Critical H Value (KM-Log)	2.298
KM Standard Error of Mean (logged)	0.162		

**DL/2 Statistics**

**DL/2 Normal**

Mean in Original Scale	6.438
SD in Original Scale	11.53
95% t UCL (Assumes normality)	9.432

**DL/2 Log-Transformed**

Mean in Log Scale	0.96
SD in Log Scale	1.175
95% H-Stat UCL	8.334

**DL/2 is not a recommended method, provided for comparisons and historical reasons**

**Nonparametric Distribution Free UCL Statistics**

**Detected Data appear Gamma Distributed at 5% Significance Level**

**Suggested UCL to Use**

95% KM (t) UCL	7.818	95% GROS Adjusted Gamma UCL	7.998
95% Adjusted Gamma KM-UCL	9.213		

Note: Suggestions regarding the selection of a 95% UCL are provided to help the user to select the most appropriate 95% UCL.

Recommendations are based upon data size, data distribution, and skewness.

These recommendations are based upon the results of the simulation studies summarized in Singh, Maichle, and Lee (2006).

However, simulations results will not cover all Real World data sets; for additional insight the user may want to consult a statistician.

Endrin

**General Statistics**

Total Number of Observations	42	Number of Distinct Observations	36
Number of Detects	9	Number of Non-Detects	33
Number of Distinct Detects	9	Number of Distinct Non-Detects	27
Minimum Detect	0.56	Minimum Non-Detect	3.6
Maximum Detect	46	Maximum Non-Detect	160
Variance Detects	275	Percent Non-Detects	78.57%
Mean Detects	17.7	SD Detects	16.58
Median Detects	11	CV Detects	0.937
Skewness Detects	0.761	Kurtosis Detects	-1.011
Mean of Logged Detects	2.179	SD of Logged Detects	1.557

**Normal GOF Test on Detects Only**

Shapiro Wilk Test Statistic	0.863	<b>Shapiro Wilk GOF Test</b>
5% Shapiro Wilk Critical Value	0.829	Detected Data appear Normal at 5% Significance Level
Lilliefors Test Statistic	0.278	<b>Lilliefors GOF Test</b>
5% Lilliefors Critical Value	0.295	Detected Data appear Normal at 5% Significance Level

**Detected Data appear Normal at 5% Significance Level**

**Kaplan-Meier (KM) Statistics using Normal Critical Values and other Nonparametric UCLs**

Mean	4.635	Standard Error of Mean	1.73
SD	10.26	95% KM (BCA) UCL	9.102
95% KM (t) UCL	7.546	95% KM (Percentile Bootstrap) UCL	8.078
95% KM (z) UCL	7.48	95% KM Bootstrap t UCL	8.988
90% KM Chebyshev UCL	9.824	95% KM Chebyshev UCL	12.18
97.5% KM Chebyshev UCL	15.44	99% KM Chebyshev UCL	21.85

**Gamma GOF Tests on Detected Observations Only**

A-D Test Statistic	0.398	<b>Anderson-Darling GOF Test</b>
5% A-D Critical Value	0.748	Detected data appear Gamma Distributed at 5% Significance Level
K-S Test Statistic	0.18	<b>Kolmogrov-Smirnoff GOF</b>
5% K-S Critical Value	0.288	Detected data appear Gamma Distributed at 5% Significance Level

**Detected data appear Gamma Distributed at 5% Significance Level**

**Gamma Statistics on Detected Data Only**

k hat (MLE)	0.848	k star (bias corrected MLE)	0.64
Theta hat (MLE)	20.86	Theta star (bias corrected MLE)	27.67
nu hat (MLE)	15.27	nu star (bias corrected)	11.51
MLE Mean (bias corrected)	17.7	MLE Sd (bias corrected)	22.13

**Gamma Kaplan-Meier (KM) Statistics**

k hat (KM)	0.204	nu hat (KM)	17.15
Approximate Chi Square Value (17.15, $\alpha$ )	8.776	Adjusted Chi Square Value (17.15, $\beta$ )	8.562
95% Gamma Approximate KM-UCL (use when $n \geq 50$ )	9.055	95% Gamma Adjusted KM-UCL (use when $n < 50$ )	9.282

**Gamma ROS Statistics using Imputed Non-Detects**

GROS may not be used when data set has > 50% NDs with many tied observations at multiple DLs

GROS may not be used when kstar of detected data is small such as < 0.1

For such situations, GROS method tends to yield inflated values of UCLs and BTVs

For gamma distributed detected data, BTVs and UCLs may be computed using gamma distribution on KM estimates

Minimum	0.01	Mean	3.8
Maximum	46	Median	0.01
SD	10.37	CV	2.73
k hat (MLE)	0.168	k star (bias corrected MLE)	0.172
Theta hat (MLE)	22.57	Theta star (bias corrected MLE)	22.06
nu hat (MLE)	14.15	nu star (bias corrected)	14.47
MLE Mean (bias corrected)	3.8	MLE Sd (bias corrected)	9.157
		Adjusted Level of Significance ( $\beta$ )	0.0443
Approximate Chi Square Value (14.47, $\alpha$ )	6.894	Adjusted Chi Square Value (14.47, $\beta$ )	6.707
95% Gamma Approximate UCL (use when $n \geq 50$ )	7.977	95% Gamma Adjusted UCL (use when $n < 50$ )	8.199

Endrin (cont'd)

**Lognormal GOF Test on Detected Observations Only**

Shapiro Wilk Test Statistic	0.863	<b>Shapiro Wilk GOF Test</b>
5% Shapiro Wilk Critical Value	0.829	Detected Data appear Lognormal at 5% Significance Level
Lilliefors Test Statistic	0.255	<b>Lilliefors GOF Test</b>
5% Lilliefors Critical Value	0.295	Detected Data appear Lognormal at 5% Significance Level

**Detected Data appear Lognormal at 5% Significance Level**

**Lognormal ROS Statistics Using Imputed Non-Detects**

Mean in Original Scale	4.528	Mean in Log Scale	0.35
SD in Original Scale	10.11	SD in Log Scale	1.244
95% t UCL (assumes normality of ROS data)	7.153	95% Percentile Bootstrap UCL	7.382
95% BCA Bootstrap UCL	7.782	95% Bootstrap t UCL	8.574
95% H-UCL (Log ROS)	5.136		

**UCLs using Lognormal Distribution and KM Estimates when Detected data are Lognormally Distributed**

KM Mean (logged)	0.259	95% H-UCL (KM -Log)	5.113
KM SD (logged)	1.289	95% Critical H Value (KM-Log)	2.695
KM Standard Error of Mean (logged)	0.266		

**DL/2 Statistics**

**DL/2 Normal**

Mean in Original Scale	9.124
SD in Original Scale	15.62
95% t UCL (Assumes normality)	13.18

**DL/2 Log-Transformed**

Mean in Log Scale	1.442
SD in Log Scale	1.099
95% H-Stat UCL	11.82

**DL/2 is not a recommended method, provided for comparisons and historical reasons**

**Nonparametric Distribution Free UCL Statistics**

**Detected Data appear Normal Distributed at 5% Significance Level**

**Suggested UCL to Use**

95% KM (t) UCL	7.546	95% KM (Percentile Bootstrap) UCL	8.078
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Note: Suggestions regarding the selection of a 95% UCL are provided to help the user to select the most appropriate 95% UCL.

Recommendations are based upon data size, data distribution, and skewness.

These recommendations are based upon the results of the simulation studies summarized in Singh, Maichle, and Lee (2006).

However, simulations results will not cover all Real World data sets; for additional insight the user may want to consult a statistician.



Endrin ketone

General Statistics

Total Number of Observations	42	Number of Distinct Observations	35
Number of Detects	18	Number of Non-Detects	24
Number of Distinct Detects	18	Number of Distinct Non-Detects	19
Minimum Detect	2.5	Minimum Non-Detect	3.6
Maximum Detect	38	Maximum Non-Detect	160
Variance Detects	84.86	Percent Non-Detects	57.14%
Mean Detects	10.49	SD Detects	9.212
Median Detects	7.75	CV Detects	0.878
Skewness Detects	2.108	Kurtosis Detects	4.349
Mean of Logged Detects	2.086	SD of Logged Detects	0.713

Normal GOF Test on Detects Only

Shapiro Wilk Test Statistic	0.738	<b>Shapiro Wilk GOF Test</b>
5% Shapiro Wilk Critical Value	0.897	Detected Data Not Normal at 5% Significance Level
Lilliefors Test Statistic	0.268	<b>Lilliefors GOF Test</b>
5% Lilliefors Critical Value	0.209	Detected Data Not Normal at 5% Significance Level

Detected Data Not Normal at 5% Significance Level

Kaplan-Meier (KM) Statistics using Normal Critical Values and other Nonparametric UCLs

Mean	6.659	Standard Error of Mean	1.171
SD	7.057	95% KM (BCA) UCL	8.85
95% KM (t) UCL	8.63	95% KM (Percentile Bootstrap) UCL	8.701
95% KM (z) UCL	8.586	95% KM Bootstrap t UCL	9.967
90% KM Chebyshev UCL	10.17	95% KM Chebyshev UCL	11.76
97.5% KM Chebyshev UCL	13.97	99% KM Chebyshev UCL	18.31

Gamma GOF Tests on Detected Observations Only

A-D Test Statistic	0.641	<b>Anderson-Darling GOF Test</b>
5% A-D Critical Value	0.752	Detected data appear Gamma Distributed at 5% Significance Level
K-S Test Statistic	0.167	<b>Kolmogrov-Smirnoff GOF</b>
5% K-S Critical Value	0.206	Detected data appear Gamma Distributed at 5% Significance Level

Detected data appear Gamma Distributed at 5% Significance Level

Gamma Statistics on Detected Data Only

k hat (MLE)	2.038	k star (bias corrected MLE)	1.735
Theta hat (MLE)	5.151	Theta star (bias corrected MLE)	6.049
nu hat (MLE)	73.35	nu star (bias corrected)	62.46
MLE Mean (bias corrected)	10.49	MLE Sd (bias corrected)	7.967

Gamma Kaplan-Meier (KM) Statistics

k hat (KM)	0.89	nu hat (KM)	74.78
Approximate Chi Square Value (74.78, $\alpha$ )	55.86	Adjusted Chi Square Value (74.78, $\beta$ )	55.28
95% Gamma Approximate KM-UCL (use when $n \geq 50$ )	8.914	95% Gamma Adjusted KM-UCL (use when $n < 50$ )	9.008

Gamma ROS Statistics using Imputed Non-Detects

GROS may not be used when data set has > 50% NDs with many tied observations at multiple DLs

GROS may not be used when kstar of detected data is small such as < 0.1

For such situations, GROS method tends to yield inflated values of UCLs and BTVs

For gamma distributed detected data, BTVs and UCLs may be computed using gamma distribution on KM estimates

Minimum	0.01	Mean	4.978
Maximum	38	Median	2.442
SD	7.695	CV	1.546
k hat (MLE)	0.336	k star (bias corrected MLE)	0.328
Theta hat (MLE)	14.8	Theta star (bias corrected MLE)	15.16
nu hat (MLE)	28.26	nu star (bias corrected)	27.58
MLE Mean (bias corrected)	4.978	MLE Sd (bias corrected)	8.688
		Adjusted Level of Significance ( $\beta$ )	0.0443
Approximate Chi Square Value (27.58, $\alpha$ )	16.6	Adjusted Chi Square Value (27.58, $\beta$ )	16.29
95% Gamma Approximate UCL (use when $n \geq 50$ )	8.27	95% Gamma Adjusted UCL (use when $n < 50$ )	8.425

Endrin ketone (cont'd)

**Lognormal GOF Test on Detected Observations Only**

Shapiro Wilk Test Statistic	0.964	<b>Shapiro Wilk GOF Test</b>
5% Shapiro Wilk Critical Value	0.897	Detected Data appear Lognormal at 5% Significance Level
Lilliefors Test Statistic	0.121	<b>Lilliefors GOF Test</b>
5% Lilliefors Critical Value	0.209	Detected Data appear Lognormal at 5% Significance Level

**Detected Data appear Lognormal at 5% Significance Level**

**Lognormal ROS Statistics Using Imputed Non-Detects**

Mean in Original Scale	6.328	Mean in Log Scale	1.541
SD in Original Scale	6.992	SD in Log Scale	0.69
95% t UCL (assumes normality of ROS data)	8.144	95% Percentile Bootstrap UCL	8.199
95% BCA Bootstrap UCL	8.756	95% Bootstrap t UCL	10.14
95% H-UCL (Log ROS)	7.393		

**UCLs using Lognormal Distribution and KM Estimates when Detected data are Lognormally Distributed**

KM Mean (logged)	1.598	95% H-UCL (KM -Log)	7.727
KM SD (logged)	0.679	95% Critical H Value (KM-Log)	2.041
KM Standard Error of Mean (logged)	0.123		

**DL/2 Statistics**

**DL/2 Normal**

Mean in Original Scale	9.271
SD in Original Scale	14.2
95% t UCL (Assumes normality)	12.96

**DL/2 Log-Transformed**

Mean in Log Scale	1.647
SD in Log Scale	0.974
95% H-Stat UCL	11.9

**DL/2 is not a recommended method, provided for comparisons and historical reasons**

**Nonparametric Distribution Free UCL Statistics**

**Detected Data appear Gamma Distributed at 5% Significance Level**

**Suggested UCL to Use**

95% KM (t) UCL	8.63	95% GROS Adjusted Gamma UCL	8.425
95% Adjusted Gamma KM-UCL	9.008		

Note: Suggestions regarding the selection of a 95% UCL are provided to help the user to select the most appropriate 95% UCL.

Recommendations are based upon data size, data distribution, and skewness.

These recommendations are based upon the results of the simulation studies summarized in Singh, Maichle, and Lee (2006).

However, simulations results will not cover all Real World data sets; for additional insight the user may want to consult a statistician.

Heptachlor

**General Statistics**

Total Number of Observations	41	Number of Distinct Observations	24
Number of Detects	12	Number of Non-Detects	29
Number of Distinct Detects	11	Number of Distinct Non-Detects	17
Minimum Detect	2.3	Minimum Non-Detect	1.8
Maximum Detect	150	Maximum Non-Detect	83
Variance Detects	1711	Percent Non-Detects	70.73%
Mean Detects	28.22	SD Detects	41.37
Median Detects	14.9	CV Detects	1.466
Skewness Detects	2.659	Kurtosis Detects	7.925
Mean of Logged Detects	2.493	SD of Logged Detects	1.407

**Normal GOF Test on Detects Only**

Shapiro Wilk Test Statistic	0.649	<b>Shapiro Wilk GOF Test</b>
5% Shapiro Wilk Critical Value	0.859	Detected Data Not Normal at 5% Significance Level
Lilliefors Test Statistic	0.268	<b>Lilliefors GOF Test</b>
5% Lilliefors Critical Value	0.256	Detected Data Not Normal at 5% Significance Level

**Detected Data Not Normal at 5% Significance Level**

**Kaplan-Meier (KM) Statistics using Normal Critical Values and other Nonparametric UCLs**

Mean	9.75	Standard Error of Mean	4.026
SD	24.59	95% KM (BCA) UCL	17.43
95% KM (t) UCL	16.53	95% KM (Percentile Bootstrap) UCL	16.47
95% KM (z) UCL	16.37	95% KM Bootstrap t UCL	26.33
90% KM Chebyshev UCL	21.83	95% KM Chebyshev UCL	27.3
97.5% KM Chebyshev UCL	34.89	99% KM Chebyshev UCL	49.81

**Gamma GOF Tests on Detected Observations Only**

A-D Test Statistic	0.517	<b>Anderson-Darling GOF Test</b>
5% A-D Critical Value	0.769	Detected data appear Gamma Distributed at 5% Significance Level
K-S Test Statistic	0.166	<b>Kolmogrov-Smirnoff GOF</b>
5% K-S Critical Value	0.255	Detected data appear Gamma Distributed at 5% Significance Level

**Detected data appear Gamma Distributed at 5% Significance Level**

**Gamma Statistics on Detected Data Only**

k hat (MLE)	0.712	k star (bias corrected MLE)	0.59
Theta hat (MLE)	39.62	Theta star (bias corrected MLE)	47.85
nu hat (MLE)	17.09	nu star (bias corrected)	14.15
MLE Mean (bias corrected)	28.22	MLE Sd (bias corrected)	36.75

**Gamma Kaplan-Meier (KM) Statistics**

k hat (KM)	0.157	nu hat (KM)	12.89
Approximate Chi Square Value (12.89, $\alpha$ )	5.818	Adjusted Chi Square Value (12.89, $\beta$ )	5.644
95% Gamma Approximate KM-UCL (use when $n \geq 50$ )	21.6	95% Gamma Adjusted KM-UCL (use when $n < 50$ )	22.26

**Gamma ROS Statistics using Imputed Non-Detects**

GROS may not be used when data set has > 50% NDs with many tied observations at multiple DLs

GROS may not be used when kstar of detected data is small such as < 0.1

For such situations, GROS method tends to yield inflated values of UCLs and BTVs

For gamma distributed detected data, BTVs and UCLs may be computed using gamma distribution on KM estimates

Minimum	0.01	Mean	8.266
Maximum	150	Median	0.01
SD	25.29	CV	3.059
k hat (MLE)	0.164	k star (bias corrected MLE)	0.168
Theta hat (MLE)	50.54	Theta star (bias corrected MLE)	49.24
nu hat (MLE)	13.41	nu star (bias corrected)	13.76
MLE Mean (bias corrected)	8.266	MLE Sd (bias corrected)	20.17
		Adjusted Level of Significance ( $\beta$ )	0.0441
Approximate Chi Square Value (13.76, $\alpha$ )	6.41	Adjusted Chi Square Value (13.76, $\beta$ )	6.226
95% Gamma Approximate UCL (use when $n \geq 50$ )	17.75	95% Gamma Adjusted UCL (use when $n < 50$ )	18.27

Heptachlor (cont'd)

**Lognormal GOF Test on Detected Observations Only**

Shapiro Wilk Test Statistic	0.912	<b>Shapiro Wilk GOF Test</b>
5% Shapiro Wilk Critical Value	0.859	Detected Data appear Lognormal at 5% Significance Level
Lilliefors Test Statistic	0.156	<b>Lilliefors GOF Test</b>
5% Lilliefors Critical Value	0.256	Detected Data appear Lognormal at 5% Significance Level

**Detected Data appear Lognormal at 5% Significance Level**

**Lognormal ROS Statistics Using Imputed Non-Detects**

Mean in Original Scale	8.53	Mean in Log Scale	-0.159
SD in Original Scale	25.2	SD in Log Scale	2.018
95% t UCL (assumes normality of ROS data)	15.16	95% Percentile Bootstrap UCL	15.56
95% BCA Bootstrap UCL	20.7	95% Bootstrap t UCL	24.5
95% H-UCL (Log ROS)	21.04		

**UCLs using Lognormal Distribution and KM Estimates when Detected data are Lognormally Distributed**

KM Mean (logged)	1.188	95% H-UCL (KM -Log)	9.803
KM SD (logged)	1.136	95% Critical H Value (KM-Log)	2.505
KM Standard Error of Mean (logged)	0.189		

**DL/2 Statistics**

**DL/2 Normal**

Mean in Original Scale	10.77
SD in Original Scale	25.41
95% t UCL (Assumes normality)	17.45

**DL/2 Log-Transformed**

Mean in Log Scale	1.103
SD in Log Scale	1.385
95% H-Stat UCL	14.56

**DL/2 is not a recommended method, provided for comparisons and historical reasons**

**Nonparametric Distribution Free UCL Statistics**

**Detected Data appear Gamma Distributed at 5% Significance Level**

**Suggested UCL to Use**

95% KM (t) UCL	16.53	95% GROS Adjusted Gamma UCL	18.27
95% Adjusted Gamma KM-UCL	22.26		

Note: Suggestions regarding the selection of a 95% UCL are provided to help the user to select the most appropriate 95% UCL.

Recommendations are based upon data size, data distribution, and skewness.

These recommendations are based upon the results of the simulation studies summarized in Singh, Maichle, and Lee (2006).

However, simulations results will not cover all Real World data sets; for additional insight the user may want to consult a statistician.

Heptachlor Epoxide

General Statistics

Total Number of Observations	33	Number of Distinct Observations	18
Number of Detects	6	Number of Non-Detects	27
Number of Distinct Detects	5	Number of Distinct Non-Detects	15
Minimum Detect	2.3	Minimum Non-Detect	1.8
Maximum Detect	88	Maximum Non-Detect	15
Variance Detects	1788	Percent Non-Detects	81.82%
Mean Detects	33.55	SD Detects	42.28
Median Detects	10.75	CV Detects	1.26
Skewness Detects	0.876	Kurtosis Detects	-1.911
Mean of Logged Detects	2.426	SD of Logged Detects	1.774

Normal GOF Test on Detects Only

Shapiro Wilk Test Statistic	0.721	<b>Shapiro Wilk GOF Test</b>
5% Shapiro Wilk Critical Value	0.788	Detected Data Not Normal at 5% Significance Level
Lilliefors Test Statistic	0.301	<b>Lilliefors GOF Test</b>
5% Lilliefors Critical Value	0.362	Detected Data appear Normal at 5% Significance Level

Detected Data appear Approximate Normal at 5% Significance Level

Kaplan-Meier (KM) Statistics using Normal Critical Values and other Nonparametric UCLs

Mean	7.615	Standard Error of Mean	3.91
SD	20.5	95% KM (BCA) UCL	13.29
95% KM (t) UCL	14.24	95% KM (Percentile Bootstrap) UCL	14.84
95% KM (z) UCL	14.05	95% KM Bootstrap t UCL	41.56
90% KM Chebyshev UCL	19.34	95% KM Chebyshev UCL	24.66
97.5% KM Chebyshev UCL	32.03	99% KM Chebyshev UCL	46.52

Gamma GOF Tests on Detected Observations Only

A-D Test Statistic	0.7	<b>Anderson-Darling GOF Test</b>
5% A-D Critical Value	0.732	Detected data appear Gamma Distributed at 5% Significance Level
K-S Test Statistic	0.318	<b>Kolmogrov-Smirnoff GOF</b>
5% K-S Critical Value	0.347	Detected data appear Gamma Distributed at 5% Significance Level

Detected data appear Gamma Distributed at 5% Significance Level

Gamma Statistics on Detected Data Only

k hat (MLE)	0.572	k star (bias corrected MLE)	0.397
Theta hat (MLE)	58.64	Theta star (bias corrected MLE)	84.47
nu hat (MLE)	6.866	nu star (bias corrected)	4.766
MLE Mean (bias corrected)	33.55	MLE Sd (bias corrected)	53.23

Gamma Kaplan-Meier (KM) Statistics

k hat (KM)	0.138	nu hat (KM)	9.104
Approximate Chi Square Value (9.10, $\alpha$ )	3.39	Adjusted Chi Square Value (9.10, $\beta$ )	3.212
95% Gamma Approximate KM-UCL (use when $n \geq 50$ )	20.45	95% Gamma Adjusted KM-UCL (use when $n < 50$ )	21.58

Gamma ROS Statistics using Imputed Non-Detects

GROS may not be used when data set has > 50% NDs with many tied observations at multiple DLs

GROS may not be used when kstar of detected data is small such as < 0.1

For such situations, GROS method tends to yield inflated values of UCLs and BTVs

For gamma distributed detected data, BTVs and UCLs may be computed using gamma distribution on KM estimates

Minimum	0.01	Mean	6.108
Maximum	88	Median	0.01
SD	21.26	CV	3.48
k hat (MLE)	0.15	k star (bias corrected MLE)	0.156
Theta hat (MLE)	40.81	Theta star (bias corrected MLE)	39.09
nu hat (MLE)	9.879	nu star (bias corrected)	10.31
MLE Mean (bias corrected)	6.108	MLE Sd (bias corrected)	15.45
		Adjusted Level of Significance ( $\beta$ )	0.0419
Approximate Chi Square Value (10.31, $\alpha$ )	4.139	Adjusted Chi Square Value (10.31, $\beta$ )	3.939
95% Gamma Approximate UCL (use when $n \geq 50$ )	15.22	95% Gamma Adjusted UCL (use when $n < 50$ )	16

Heptachlor Epoxide (cont'd)

**Lognormal GOF Test on Detected Observations Only**

Shapiro Wilk Test Statistic	0.786	<b>Shapiro Wilk GOF Test</b>
5% Shapiro Wilk Critical Value	0.788	Detected Data Not Lognormal at 5% Significance Level
Lilliefors Test Statistic	0.303	<b>Lilliefors GOF Test</b>
5% Lilliefors Critical Value	0.362	Detected Data appear Lognormal at 5% Significance Level

**Detected Data appear Approximate Lognormal at 5% Significance Level**

**Lognormal ROS Statistics Using Imputed Non-Detects**

Mean in Original Scale	6.16	Mean in Log Scale	-2.319
SD in Original Scale	21.24	SD in Log Scale	2.695
95% t UCL (assumes normality of ROS data)	12.42	95% Percentile Bootstrap UCL	12.65
95% BCA Bootstrap UCL	16.62	95% Bootstrap t UCL	40.64
95% H-UCL (Log ROS)	39.21		

**UCLs using Lognormal Distribution and KM Estimates when Detected data are Lognormally Distributed**

KM Mean (logged)	0.942	95% H-UCL (KM -Log)	6.358
KM SD (logged)	0.986	95% Critical H Value (KM-Log)	2.422
KM Standard Error of Mean (logged)	0.189		

**DL/2 Statistics**

**DL/2 Normal**

Mean in Original Scale	7.467
SD in Original Scale	20.91
95% t UCL (Assumes normality)	13.63

**DL/2 Log-Transformed**

Mean in Log Scale	0.713
SD in Log Scale	1.172
95% H-Stat UCL	7.024

**DL/2 is not a recommended method, provided for comparisons and historical reasons**

**Nonparametric Distribution Free UCL Statistics**

**Detected Data appear Approximate Normal Distributed at 5% Significance Level**

**Suggested UCL to Use**

95% KM (t) UCL	14.24	95% KM (Percentile Bootstrap) UCL	14.84
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Note: Suggestions regarding the selection of a 95% UCL are provided to help the user to select the most appropriate 95% UCL.

Recommendations are based upon data size, data distribution, and skewness.

These recommendations are based upon the results of the simulation studies summarized in Singh, Maichle, and Lee (2006).

However, simulations results will not cover all Real World data sets; for additional insight the user may want to consult a statistician.

**Lead**

General Statistics			
Total Number of Observations	42	Number of Distinct Observations	41
		Number of Missing Observations	0
Minimum	1.5	Mean	293.7
Maximum	1200	Median	144.5
SD	332.4	Std. Error of Mean	51.3
Coefficient of Variation	1.132	Skewness	1.297
Normal GOF Test			
Shapiro Wilk Test Statistic	0.774	Shapiro Wilk GOF Test	
5% Shapiro Wilk Critical Value	0.942	Data Not Normal at 5% Significance Level	
Lilliefors Test Statistic	0.232	Lilliefors GOF Test	
5% Lilliefors Critical Value	0.137	Data Not Normal at 5% Significance Level	
Data Not Normal at 5% Significance Level			
Assuming Normal Distribution			
95% Normal UCL		95% UCLs (Adjusted for Skewness)	
95% Student's-t UCL	380.1	95% Adjusted-CLT UCL (Chen-1995)	389.1
		95% Modified-t UCL (Johnson-1978)	381.8
Gamma GOF Test			
A-D Test Statistic	0.348	Anderson-Darling Gamma GOF Test	
5% A-D Critical Value	0.8	Detected data appear Gamma Distributed at 5% Significance Level	
K-S Test Statistic	0.0863	Kolmogrov-Smirnoff Gamma GOF Test	
5% K-S Critical Value	0.143	Detected data appear Gamma Distributed at 5% Significance Level	
Detected data appear Gamma Distributed at 5% Significance Level			
Gamma Statistics			
k hat (MLE)	0.634	k star (bias corrected MLE)	0.604
Theta hat (MLE)	463.4	Theta star (bias corrected MLE)	486
nu hat (MLE)	53.25	nu star (bias corrected)	50.78
MLE Mean (bias corrected)	293.7	MLE Sd (bias corrected)	377.8
		Approximate Chi Square Value (0.05)	35.41
Adjusted Level of Significance	0.0443	Adjusted Chi Square Value	34.96
Assuming Gamma Distribution			
95% Approximate Gamma UCL (use when n>=50)	421.2	95% Adjusted Gamma UCL (use when n<50)	426.7
Lognormal GOF Test			
Shapiro Wilk Test Statistic	0.885	Shapiro Wilk Lognormal GOF Test	
5% Shapiro Wilk Critical Value	0.942	Data Not Lognormal at 5% Significance Level	
Lilliefors Test Statistic	0.128	Lilliefors Lognormal GOF Test	
5% Lilliefors Critical Value	0.137	Data appear Lognormal at 5% Significance Level	
Data appear Approximate Lognormal at 5% Significance Level			
Lognormal Statistics			
Minimum of Logged Data	0.405	Mean of logged Data	4.716
Maximum of Logged Data	7.09	SD of logged Data	1.746
Assuming Lognormal Distribution			
95% H-UCL	1260	90% Chebyshev (MVUE) UCL	993.6
95% Chebyshev (MVUE) UCL	1230	97.5% Chebyshev (MVUE) UCL	1558
99% Chebyshev (MVUE) UCL	2203		
Nonparametric Distribution Free UCL Statistics			
Data appear to follow a Discernible Distribution at 5% Significance Level			

**Lead (cont'd)**

**Nonparametric Distribution Free UCLs**

95% CLT UCL	378.1	95% Jackknife UCL	380.1
95% Standard Bootstrap UCL	377.1	95% Bootstrap-t UCL	389
95% Hall's Bootstrap UCL	390.1	95% Percentile Bootstrap UCL	379.3
95% BCA Bootstrap UCL	390.9		
90% Chebyshev(Mean, Sd) UCL	447.6	95% Chebyshev(Mean, Sd) UCL	517.3
97.5% Chebyshev(Mean, Sd) UCL	614.1	99% Chebyshev(Mean, Sd) UCL	804.1

**Suggested UCL to Use**

95% Adjusted Gamma UCL 426.7

Note: Suggestions regarding the selection of a 95% UCL are provided to help the user to select the most appropriate 95% UCL.

These recommendations are based upon the results of the simulation studies summarized in Singh, Singh, and Iaci (2002) and Singh and Singh (2003). However, simulations results will not cover all Real World data sets.

For additional insight the user may want to consult a statistician.



**Manganese**

General Statistics			
Total Number of Observations	42	Number of Distinct Observations	39
		Number of Missing Observations	0
Minimum	112	Mean	282.4
Maximum	1080	Median	254
SD	167.1	Std. Error of Mean	25.78
Coefficient of Variation	0.592	Skewness	3.039
Normal GOF Test			
Shapiro Wilk Test Statistic	0.703	Shapiro Wilk GOF Test	
5% Shapiro Wilk Critical Value	0.942	Data Not Normal at 5% Significance Level	
Lilliefors Test Statistic	0.22	Lilliefors GOF Test	
5% Lilliefors Critical Value	0.137	Data Not Normal at 5% Significance Level	
Data Not Normal at 5% Significance Level			
Assuming Normal Distribution			
95% Normal UCL		95% UCLs (Adjusted for Skewness)	
95% Student's-t UCL	325.7	95% Adjusted-CLT UCL (Chen-1995)	337.7
		95% Modified-t UCL (Johnson-1978)	327.8
Gamma GOF Test			
A-D Test Statistic	0.922	Anderson-Darling Gamma GOF Test	
5% A-D Critical Value	0.752	Data Not Gamma Distributed at 5% Significance Level	
K-S Test Statistic	0.141	Kolmogrov-Smirnoff Gamma GOF Test	
5% K-S Critical Value	0.137	Data Not Gamma Distributed at 5% Significance Level	
Data Not Gamma Distributed at 5% Significance Level			
Gamma Statistics			
k hat (MLE)	4.579	k star (bias corrected MLE)	4.268
Theta hat (MLE)	61.66	Theta star (bias corrected MLE)	66.16
nu hat (MLE)	384.6	nu star (bias corrected)	358.5
MLE Mean (bias corrected)	282.4	MLE Sd (bias corrected)	136.7
		Approximate Chi Square Value (0.05)	315.6
Adjusted Level of Significance	0.0443	Adjusted Chi Square Value	314.2
Assuming Gamma Distribution			
95% Approximate Gamma UCL (use when n>=50))	320.7	95% Adjusted Gamma UCL (use when n<50)	322.2
Lognormal GOF Test			
Shapiro Wilk Test Statistic	0.923	Shapiro Wilk Lognormal GOF Test	
5% Shapiro Wilk Critical Value	0.942	Data Not Lognormal at 5% Significance Level	
Lilliefors Test Statistic	0.109	Lilliefors Lognormal GOF Test	
5% Lilliefors Critical Value	0.137	Data appear Lognormal at 5% Significance Level	
Data appear Approximate Lognormal at 5% Significance Level			
Lognormal Statistics			
Minimum of Logged Data	4.718	Mean of logged Data	5.53
Maximum of Logged Data	6.985	SD of logged Data	0.452
Assuming Lognormal Distribution			
95% H-UCL	318.5	90% Chebyshev (MVUE) UCL	339
95% Chebyshev (MVUE) UCL	366.4	97.5% Chebyshev (MVUE) UCL	404.5
99% Chebyshev (MVUE) UCL	479.2		
Nonparametric Distribution Free UCL Statistics			
Data appear to follow a Discernible Distribution at 5% Significance Level			

**Manganese (cont'd)**

**Nonparametric Distribution Free UCLs**

95% CLT UCL	324.8	95% Jackknife UCL	325.7
95% Standard Bootstrap UCL	324.7	95% Bootstrap-t UCL	346.8
95% Hall's Bootstrap UCL	524.3	95% Percentile Bootstrap UCL	325.7
95% BCA Bootstrap UCL	339.6		
90% Chebyshev(Mean, Sd) UCL	359.7	95% Chebyshev(Mean, Sd) UCL	394.7
97.5% Chebyshev(Mean, Sd) UCL	443.4	99% Chebyshev(Mean, Sd) UCL	538.9

**Suggested UCL to Use**

95% Student's-t UCL	325.7	or 95% Modified-t UCL	327.8
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Note: Suggestions regarding the selection of a 95% UCL are provided to help the user to select the most appropriate 95% UCL.

These recommendations are based upon the results of the simulation studies summarized in Singh, Singh, and Iaci (2002) and Singh and Singh (2003). However, simulations results will not cover all Real World data sets.

For additional insight the user may want to consult a statistician.

TCDD TEQ

**General Statistics**

Total Number of Observations	8	Number of Distinct Observations	8
		Number of Missing Observations	0
Minimum	5.4000E-4	Mean	9.382
Maximum	29.64	Median	4.197
SD	11.94	Std. Error of Mean	4.22
Coefficient of Variation	1.272	Skewness	1.146

**Note: Sample size is small (e.g., <10), if data are collected using ISM approach, you should use guidance provided in ITRC Tech Reg Guide on ISM (ITRC, 2012) to compute statistics of interest. For example, you may want to use Chebyshev UCL to estimate EPC (ITRC, 2012). Chebyshev UCL can be computed using the Nonparametric and All UCL Options of ProUCL 5.0**

**Normal GOF Test**

Shapiro Wilk Test Statistic	0.785	<b>Shapiro Wilk GOF Test</b>
5% Shapiro Wilk Critical Value	0.818	Data Not Normal at 5% Significance Level
Lilliefors Test Statistic	0.271	<b>Lilliefors GOF Test</b>
5% Lilliefors Critical Value	0.313	Data appear Normal at 5% Significance Level

**Data appear Approximate Normal at 5% Significance Level**

**Assuming Normal Distribution**

**95% Normal UCL**

95% Student's-t UCL 17.38

**95% UCLs (Adjusted for Skewness)**

95% Adjusted-CLT UCL (Chen-1995)	18.15
95% Modified-t UCL (Johnson-1978)	17.66

**Gamma GOF Test**

A-D Test Statistic	0.26	<b>Anderson-Darling Gamma GOF Test</b>
5% A-D Critical Value	0.793	Detected data appear Gamma Distributed at 5% Significance Level
K-S Test Statistic	0.172	<b>Kolmogrov-Smirnov Gamma GOF Test</b>
5% K-S Critical Value	0.316	Detected data appear Gamma Distributed at 5% Significance Level

**Detected data appear Gamma Distributed at 5% Significance Level**

**Gamma Statistics**

k hat (MLE)	0.325	k star (bias corrected MLE)	0.286
Theta hat (MLE)	28.88	Theta star (bias corrected MLE)	32.76
nu hat (MLE)	5.198	nu star (bias corrected)	4.582
MLE Mean (bias corrected)	9.382	MLE Sd (bias corrected)	17.53
		Approximate Chi Square Value (0.05)	0.964
Adjusted Level of Significance	0.0195	Adjusted Chi Square Value	0.615

**Assuming Gamma Distribution**

95% Approximate Gamma UCL (use when n>=50))	44.58	95% Adjusted Gamma UCL (use when n<50)	69.85
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**Lognormal GOF Test**

Shapiro Wilk Test Statistic	0.848	<b>Shapiro Wilk Lognormal GOF Test</b>
5% Shapiro Wilk Critical Value	0.818	Data appear Lognormal at 5% Significance Level
Lilliefors Test Statistic	0.244	<b>Lilliefors Lognormal GOF Test</b>
5% Lilliefors Critical Value	0.313	Data appear Lognormal at 5% Significance Level

**Data appear Lognormal at 5% Significance Level**

**Lognormal Statistics**

Minimum of Logged Data	-7.524	Mean of logged Data	0.144
Maximum of Logged Data	3.389	SD of logged Data	3.66

**Assuming Lognormal Distribution**

95% H-UCL	3.444E+9	90% Chebyshev (MVUE) UCL	268.1
95% Chebyshev (MVUE) UCL	357.6	97.5% Chebyshev (MVUE) UCL	481.7
99% Chebyshev (MVUE) UCL	725.6		

**Nonparametric Distribution Free UCL Statistics**

**Data appear to follow a Discernible Distribution at 5% Significance Level**

TCDD TEQ (cont'd)

**Nonparametric Distribution Free UCLs**

95% CLT UCL	16.32	95% Jackknife UCL	17.38
95% Standard Bootstrap UCL	15.79	95% Bootstrap-t UCL	30.19
95% Hall's Bootstrap UCL	31.18	95% Percentile Bootstrap UCL	16.25
95% BCA Bootstrap UCL	17.6		
90% Chebyshev(Mean, Sd) UCL	22.04	95% Chebyshev(Mean, Sd) UCL	27.78
97.5% Chebyshev(Mean, Sd) UCL	35.74	99% Chebyshev(Mean, Sd) UCL	51.37

**Suggested UCL to Use**

95% Student's-t UCL 17.38

Note: Suggestions regarding the selection of a 95% UCL are provided to help the user to select the most appropriate 95% UCL.

These recommendations are based upon the results of the simulation studies summarized in Singh, Singh, and Iaci (2002) and Singh and Singh (2003). However, simulations results will not cover all Real World data sets.

For additional insight the user may want to consult a statistician.

## **APPENDIX D**

### **STATISTICAL COMPARISON OF SOIL/SEDIMENT AND PAPER RESIDUALS DATA**

## APPENDIX D

### **Statistical Comparison of Media**

Non-parametric two sample hypothesis tests (Wilcoxon-Mann-Whitney tests) were used to compare TCDD TEQ values among paper residuals, soil, and sediments. Conducting multiple comparisons (i.e., 3 comparisons) increases the probability of a Type 1 error (rejecting a true hypothesis) to 0.14 instead of the typical probability of 0.05.

Experiment-wise error rate =  $1-(1-\alpha)^{\# \text{comparisons}}$

where  $\alpha = 0.05$  and  $\# \text{comparisons} = 3$

Experiment-wise error rate = 0.14

To correct for this increase in the probability of incorrectly rejecting a true hypothesis due to comparing multiple statistical tests, the p-value for individual comparisons between sampling locations must be adjusted. A Bonferroni adjustment corrects the p-value based on the number of comparisons, as follows:

Adjusted p-value =  $\alpha / \# \text{comparisons}$

where  $\alpha = 0.05$  and  $\# \text{comparisons} = 3$

This results in an adjusted p-value to indicate significance between any two sets of data being compared to be 0.0167. The below table summarizes the p-values generated in ProUCL from the three sets of tests being compared. Statistical output provided on Tables D-2, D-4, and D-6. For TCDD TEQ, soil and paper residuals are not significantly different. Soil vs. sediment and sediment vs. paper residuals are statistically different.

<b>P-Values</b>	Paper Residuals	Soil
Sediment	0.00265*	0.0133*
Soil	0.145	--

\*Indicates significant p-value (accounting for Bonferroni adjustment of p-value) for Wilcoxon-Mann-Whitney two sample hypothesis tests where the null hypothesis is that the median concentrations of the two media being compared are equal.

For lead, soil and paper residuals, sediment and paper residuals, and soil and sediment are not significantly different.

<b>P-Values</b>	Paper Residuals	Soil
Sediment	0.251	0.793
Soil	0.361	--

For total PCBs, soil and paper residuals, sediment and paper residuals, and soil and sediment were all significantly different.

<b>P-Values</b>	<b>Paper Residuals</b>	<b>Soil</b>
Sediment	<0.001*	<0.001*
Soil	<0.001*	--

\*Indicates significant p-value (accounting for Bonferroni adjustment of p-value) for Wilcoxon-Mann-Whitney two sample hypothesis tests where the null hypothesis is that the median concentrations of the two media being compared are equal.

## **TABLES**



Arsenic	D_Arsenic	Cadmium	D_Cadmium	Chromium	D_Chromium	Copper	D_Copper	Lead	D_Lead	Manganese	D_Manganese	Mercury	D_Mercury	Selenium	D_Selenium	Vanadium	D_Vanadium	Zinc	D_Zinc
25.9	1	3.8	1	105	1	125	1	194	1	599	1	1.2	1	3.8	1	5.5	1	23.3	1
22.5	1	8	1	244	1	214	1	617	1	402	1	0.41	1	3	1	9.7	1	27.6	1
5.1	1	0.68	0	48.6	1	45.7	1	174	1	146	1	1.7	1	0.44	1	11	1	93	1
31.6	1	1.4	0	30.8	1	29.2	1	75.5	1	857	1	0.22	1	2.7	1	11.6	1	98.6	1
13	1	3.8	1	147	1	162	1	357	1	462	1	2.5	1	2.3	1	12.3	1	128	1
6.1	1	0.51	0	5.8	1	3.8	1	24.2	1	304	1	2.6	1	0.27	0	12.9	1	152	1
12.8	1	2.1	1	73.6	1	84	1	294	1	1340	1	1.6	1	3.6	0	14.5	1	155	1
18.9	1	10.2	1	216	1	262	1	995	1	2760	1	0.13	1	2.5	1	14.6	1	159	1
15.4	1	2.1	1	18.1	1	23.7	1	51.8	1	695	1	0.065	1	10.4	0	15.3	1	168	1
11.4	1	0.91	1	53.8	1	64.1	1	129	1	1150	1	0.097	1	0.6	1	17.1	1	180	1
13.8	1	7.7	1	208	1	227	1	723	1	104	1	0.3	1	4.6	0	17.6	1	183	1
6.7	1	0.71	1	24.6	1	43.1	1	99.8	1	342	1	0.14	1	2.6	0	18.3	1	194	1
29.7	1	1.6	1	67.9	1	63.1	1	145	1	1460	1	0.34	1	6.5	0	18.3	1	219	1
6.6	1	2.8	1	62.8	1	68.1	1	277	1	137	1	2.8	1	3	0	19.8	1	250	1
57.4	1	2.3	1	184	1	181	1	592	1	378	1	16.3	1	6.4	0	20.5	1	339	1
14.7	1	6.8	1	224	1	243	1	737	1	495	1	2.5	1	1.8	1	21.1	1	458	1
7.9	1	11.4	1	306	1	290	1	915	1	330	1	2.7	1	5.2	0	22.3	1	486	1
2.8	1	0.14	1	5.6	1	5.1	1	15.2	1	231	1	1.4	1	2.8	0	22.9	1	497	1
14.6	1	1.6	1	54.4	1	61.7	1	128	1	737	1	1.5	1	4.1	0	23.1	1	539	1
14.9	1	2.3	1	71.6	1	86.9	1	182	1	726	1	0.21	1	3.6	0	23.9	1	562	1
12.1	1	7.5	1	216	1	271	1	668	1	170	1	0.44	1	1	1	25	1	592	1
10.8	1	7	1	219	1	233	1	585	1	435	1	1.6	1	6.2	0	25.1	1	636	1
8.6	1	1.8	1	70.4	1	62.7	1	121	1	175	1	0.3	1	2.7	0	26.1	1	704	1
12.7	1	7.5	1	239	1	248	1	503	1	445	1	0.67	1	1	1	26.7	1	749	1
17	1	6.1	1	408	1	314	1	385	1	840	1	1.3	1	2.1	1	31.2	1	1010	1
22.5	1	9.1	1	232	1	267	1	782	1	433	1	0.07	1	5.3	1	23.2	1	661	1
22.2	1	8.6	1	347	1	390	1	1110	1	172	1	1.4	1	3	1	24.3	1		

TABLE D-1  
Constituents of Interest and Paper Residuals for Statistical Comparison- Soil  
Area-Wide Non-PCB Constituent Screening Evaluation

bis(2-Ethylhexyl)phthalate	D_bis(2-Ethylhexyl)phthalate	Di-n-butyl phthalate	D_Di-n-butyl phthalate	4,4'-DDT	D_4,4'-DDT	Dieldrin	D_Dieldrin	TCDD TEQ (pg/g)	D_TCDD TEQ (pg/g)
150	1	1600	0	18	1	24	1	64.679	1
170	0	93	0	49	0	54	1	335.87	1
260	1	50	1	20	1	4.9	0	110	1
870	0	870	0	8.6	0	8.6	0	287.34	1
320	1	200	1	14	0	14	0	10.4545	1
1100	1	71	1	57	0	57	0	278.57	1
350	0	350	0	3.6	0	3.6	0	7.3153	1
230	0	230	0	81	1	46	0	7.1368	1
480	0	480	0	200	1	230	0	25.344	1
780	0	780	0	6.1	1	7.7	0	309.96	1
66	1	630	0	160	1	6.3	0	231.12	1
300	0	300	0	18	1	22	1	121.659	1
120	0	240	0	60	1	12	0	0.64761	1
500	0	500	0	95	1	8.1	1	21.007	1
240	0	240	0	120	1	120	0	84.368	1
1100	1	1100	0	210	1	18	1	229.199	1
1100	0	320	0	120	1	150	0	47.886	1
1100	0	220	0	20	1	17	1	119.285	1
220	0	220	0	59	1	21	0	35.721	1
270	1	260	0	80	1	42	1	1.19	1
130	0	290	0	340	1	57	0	555	1
200	0	290	0	180	1	45	1	252	1
440	0	220	0	85	1	130	1	31.599	1
190	0	80	0	220	1	16	1	147.79	1
320	0	320	0	16	0	30	1	0.72316	1
190	1	1500	0	65	0	16	0	807.25	1
130	1	48	1	6.4	0	69	1	3.6264	1
420	0	420	0	25	0	4.2	0	1070.92	1
640	0	640	0	3.5	0	6.4	0	365	1
2500	0	2500	0	70	0	25	0	5.9664	1
350	0	350	0	58	0	3.5	0	1.19419	1
370	1	700	0	4.1	0	70	0	0.042	1
1200	0	280	1	4.2	0	4.1	0	6.3838	1
33	1	410	0	9.9	0	6	1	536.26	1
55	1	420	0	3.4	1	13	1	4.8711	1
1000	0	46	1	190	0	2.1	1	0.5011	1
37	1	410	0	3.8	0	190	0	2.3352	1
1300	1	3900	0	200	0	3.8	0	4.7336	1
380	0	380	0	79	0	200	0	191.0421	1
1100	1	690	1	3.6	0	130	1		1
660	1	1600	0	3.6	0	3.6	0		
31	0	360	0	4.2	0	3.6	0		
24	1	360	0	3.5	0	4.2	0		
410	0	410	0	43	0	4.3	1		
41	1	340	0	3.6	0	74	1		
2300	1	2900	1	5.8	0	3.6	0		
70	0	370	0	3.7	0	5.8	0		
53	1	30	1	3.9	0	3.7	0		
27	1	380	0			3.9	0		
63	1	390	0						

TABLE D-1  
Constituents of Interest and Paper Residuals for Statistical Comparison- Soil  
Area-Wide Non-PCB Constituent Screening Evaluation

Arsenic	D_Arsenic	Cadmium	D_Cadmium	Chromium	D_Chromium	Copper	D_Copper	Lead	D_Lead	Manganese	D_Manganese	Mercury	D_Mercury	Selenium	D_Selenium	Vanadium	D_Vanadium	Zinc	D_Zinc	bis(2-Ethylhexyl)phthalate
1.1	1	0.9	0	14.2	1	183	1	22.5	1	63	1	0.13	0	0.66	0	12.6	1	246	1	6900
0.89	1	1.1	0	85.8	1	81	1	500	1	28	1	1	1	0.47	0	13.8	1	222	1	4300
0.88	1	0.78	0	104	1	52.3	1	675	1	74.2	1	2.1	1	0.33	0	11.7	1	166	1	3200
1.7	1	2	1	26.7	1	55.3	1	56.5	1	43	1	0.17	1	0	0	14.7	1	274	1	3100
1.2	1	1.2	0	79.7	1	62.3	1	483	1	50.5	1	1.6	1	0.54	0	12.3	1	195	1	60000
3.7	1	1	0	9.6	1	98.8	1	22.2	1	56.1	1	0.16	1	0.29	0	15.8	1	304	1	2600
0.82	0	1.2	0	73.2	1	74	1	454	1	58.7	1	0.62	1	0.58	0	7.4	1	241	1	15000
1.6	1	1.6	0	56.5	1	95	1	308	1	72.8	1	0.98	1	0.52	0	12.8	1	306	1	1300
1.4	1	1.2	0	99	1	59.2	1	607	1	50.2	1	1.4	1	0.45	0	12.2	1	249	1	3700
1	1	0.78	0	151	1	73.6	1	861	1	26.3	1	0.17	1	0.67	0	17	1	329	1	670
1.6	1	1.1	0	174	1	121	1	819	1	38.1	1	1.5	1	0.6	0	24.9	1	380	1	1700
0.94	1	0.65	0	79.9	1	72.6	1	367	1	6.3	1	0.43	1	0.51	0	17.5	1	362	1	6600
1.5	1	0.96	0	133	1	98.3	1	710	1	37.7	1	2.4	1	0.52	1	11.1	1	1140	1	13000
2	1	0.66	0	26.4	1	46.1	1	101	1	13.3	1	0.1	0	0.6	0	11.1	1	247	1	3200
0.64	1	1.4	0	26.9	1	52.4	1	97.4	1	30	1	0.16	1	0.43	0	8.7	1	263	1	12000
1.6	1	1.2	0	22.2	1	113	1	106	1	15.5	1	0.28	1	0.28	0	16.6	1	470	1	4200
0.48	0	1.3	0	95.3	1	76.1	1	419	1	18.4	1	0.1	0	0.34	0	14.2	1	216	1	1500
1.3	1	0.93	0	54.2	1	59.9	1	222	1	45.9	1	0.1	0	0.28	0	12.9	1	56.6	1	4100
3.2	1	0	0	118	1	55.9	1	730	1	16.2	1	2.8	1	0	0	14	1	163	1	46000
1.2	1	0	0	157	1	85.4	1	907	1	26.4	1	4.4	1	0	0	21	1	20.9	1	9400
9.5	1	3.7	1	212	1	275	1	1440	1	167	1	2.6	1	1.6	1	16	1	74.3	1	580
1.1	1	0	0	13.7	1	95.4	1	16.5	1	8.8	1	0	0	0	0	19.3	1	95.9	1	2800
0.8	1	0	0	9.6	1	28.1	1	12.3	1	10.6	1	0	0	0	0	14.9	1	241	1	3700
1.3	1	0	0	12.2	1	53.6	1	18.9	1	38.5	1	0	0	0	0	13.3	1	198	1	1100
23.7	1	0	0	14.9	1	9.1	1	30.8	1	615	1	0.08	1	0.38	1	22.4	1	451	1	2100
4.5	1	0	0	36.6	1	30.7	1	146	1	189	1	0.75	1	0	0	17.1	1	249	1	630
3.2	1	0	0	7.4	1	24.7	1	15.1	1	195	1	0.06	1	0.43	1	8.5	1	187	1	1400
1.8	1	1.3	1	78.7	1	56.2	1	458	1	39.8	1	0.55	1	0	0	8.7	1	548	1	13000
1.5	1	0	0	100	1	46.6	1	547	1	39.7	1	1.6	1	0	0	8.4	1	317	1	13000
1.5	1	0	0	82	1	33.8	1	390	1	42.6	1	2	1	0	0	5.4	1	141	1	1300
1.3	1	0	0	85.9	1	43.8	1	371	1	39.2	1	1.8	1	0	0	4.9	1	383	1	3100
3.7	1	0.69	0	9.9	1	34.6	1	19.9	1	293	1	0.07	0	0.82	1	11.6	1	398	1	4800
1.8	1	0	0	30.8	1	48.2	1	62.1	1	63.8	1	0.24	1	0.4	1	12.4	1	697	1	280
2.8	1	0	0	56.7	1	49.6	1	303	1	53.3	1	1	1	0	0	10.9	1	170	1	2200
1.7	1	0	0	85.1	1	76.5	1	395	1	22.8	1	1.1	1	0	0	7.3	1	421	1	9200
1.8	1	1.6	1	68.7	1	54.1	1	407	1	23.9	1	0.59	1	0	0	10.1	1	312	1	3600
6.4	1	0.89	0	18.3	1	86.1	1	335	1	98.7	1	0.36	1	3.1	1	18.2	1	422	1	460
7.6	1	0.83	0	21.2	1	89.6	1	32.6	1	45.6	1	0.11	1	0.48	1	23.3	1	381	1	680
1.6	1	1.4	0	32.3	1	45.8	1	167	1	34.3	1	0.15	1	0.53	0	12.5	1	235	1	1000
1.5	1	0.81	0	42.3	1	279	1	187	1	34.1	1	1.4	1	0.45	0	18	1	224	1	33000
0.57	1	0.44	0	12	1	47.3	1	9.7	1	20.4	1	0.07	0	0.19	0	9.3	1	286	1	2000
1.1	1	0.72	0	71.6	1	80.7	1	371	1	116	1	0.74	1	0.33	0	11.7	1	346	1	5900
0.61	1	0.79	0	173	1	108	1	946	1	71.5	1	5.2	1	0.25	0	12.1	1	175	1	3900
3.1	1	0.56	0	30.6	1	156	1	140	1	70.2	1	0.63	1	0.46	0	20.8	1	48.6	1	14000
0.71	1	0.61	0	46.1	1	110	1	226	1	462	1	0.74	1	0.5	0	20.9	1	113	1	12000
0.9	1	1.3	0	88.1	1	68.8	1	499	1	80.1	1	3	1	0.63	0	11.6	1	140	1	89000
1.4	1	0.76	0	141	1	45.4	1	823	1	82.7	1	2.9	1	0.35	1	10.1	1	78.6	1	240
2.3	1	0.67	0	56.3	1	56.2	1	308	1	167	1	1.4	1	0.22	0	9.8	1	266	1	360
0.8	1	0.85	0	156	1	68.5	1	840	1	118	1	5	1	0.28	0	9.4	1	105	1	95
2.7	1	0	0	8.7	1	59.2	1	17.9	1	33	1	1.3	1	0	0	11.2	1	178	1	440
2.3	1	0	0	18.5	1	27.6	1	11.8	1	40.8	1	0	0	0	0	12.3	1	336	1	200
1.3	1	0	0	14.2	1	48.4	1	12.1	1	11.1	1	0	0	0	0	13.4	1	281	1	1700
1.7	1	1.4	1	12.5	1	49.8	1	7.8	1	11.9	1	0	0	0	0	11.1	1	247	1	8500
1.8	1	0	0	16.5	1	47.2	1	9.8	1	25.4	1	0	0	0	0	19.1	1	402	1	25000
1.8	1	1.7	1	54.8	1	62.2	1	124	1	371	1	0.38	1	0	0	16	1	375	1	2000
2.2	1	0	0	17.1	1	50.3	1	16.6	1	31.6	1	0	0	0	0	13.6	1	273	1	30000
5.9	1	0	0	25.1	1	41.1	1	34.5	1	75.5	1	0.14	1	0	0	15.6	1			5400
2	1	1.9	1	121	1	69.9	1	583	1	57.7	1	0.84	1	0.47	1	15.8	1			1200
2.3	1	1.4	1	142	1	90.4	1	676	1	67.7	1	3.9	1	0.48	1	22.3	1			2200
2.6	1	0.77	1	111	1	94.3	1	567	1	40.3	1	2.4	1	0.6	1	14.7	1			3600
2	1	1.1	1	154	1	113	1	792	1	217	1	3.1	1	0.4	1	16.9	1			500
0.73	1	0.89	0	196	1	185	1	1060	1	31.8	1	0.08	0	0.54	0	12.2	1			33000
0.49	0	0.95	1	112	1	122	1	659	1	14.1	1	0.08	0	0.52	0	13.2	1			62000

TABLE D-1  
Constituents of Interest and Paper Residuals for Statistical Comparison- Soil  
Area-Wide Non-PCB Constituent Screening Evaluation

D_bis(2-Ethylhexyl)phthalate	Di-n-Butylphthalate	D_Di-n-Butylphthalate	4,4'-DDT	D_4,4'-DDT	TCDD	D_TCDD
1	1600	1	50	0	58.769	1
0	4300	0	160	1	9.91158	1
1	4000	0	170	1	0.98901	1
1	5200	0	250	0	586.354	1
0	60000	0	230	1	604.126	1
1	43000	0	380	1	681.549	1
1	48000	0	470	1	179.3225	1
1	9700	0	480	1	17.07607	1
1	40000	0	240	0	54.19908	1
1	3300	0	94	1	170.345	1
1	2800	0	67	0	2022.883	1
0	6500	0	72	1	110.4492	1
0	13000	0	75	0	140.7958	1
1	15000	0	84	0		
1	28000	0	86	0		
1	29000	0	310	0		
1	16000	0	70	0		
1	23000	0	410	1		
0	46000	0	120	1		
0	9400	0	14	0		
1	2500	0	9.2	0		
0	2800	0	58	0		
0	1000	0	21	0		
1	1900	0	22	0		
0	2100	0	250	1		
1	8800	0	110	1		
0	1400	0	73	1		
0	13000	0	96	1		
0	13000	0	5.4	0		
1	5300	0	490	0		
1	12000	0	70	1		
1	1100	0	120	1		
1	1600	0	67	1		
0	2200	0	57	0		
0	9200	0	10	0		
0	3600	0	82	0		
1	1200	0	40	0		
0	54	1	60	0		
1	5700	0	35	0		
0	33000	0	63	1		
0	2000	0	67	1		
0	5900	0	600	1		
1	70000	0	160	1		
0	14000	0	46	0		
0	12000	0	56	0		
0	89000	0	46	0		
1	1200	0	6.2	0		
1	1200	0	6.1	1		
1	1800	0	4.7	1		
1	3700	0	15	0		
1	2000	0	170	1		
1	8700	0	91	0		
0	8500	0	110	1		
0	25000	0	100	1		
1	24000	0				
0	30000	0				
1	12000	0				
1	5500	0				
1	6600	0				
1	34000	0				
1	600	0				
0	33000	0				
0	62000	0				

**TABLE D-2**  
**Pro UCL Output: Arsenic Gehan**  
**Area-Wide Non-PCB Constituent Screening Evaluation**  
**Arsenic Gehan Sample 1 vs Sample 2 Comparison Hypothesis Test for Data Sets with Non-Detects**

User Selected Options  
Date/Time of Computation 1/7/2015 2:41:40 PM  
From File Residual Inputs for Stats.xls  
Full Precision OFF  
Confidence Coefficient 95%  
Selected Null Hypothesis Sample 1 Mean/Median = Sample 2 Mean/Median (Two Sided Alternative)  
Alternative Hypothesis Sample 1 Mean/Median  $\neq$  Sample 2 Mean/Median

**Sample 1 Data: Arsenic**

**Sample 2 Data: ArsenicR**

<b>Raw Statistics</b>		
	Sample 1	Sample 2
Number of Valid Data	50	63
Number of Non-Detects	0	3
Number of Detect Data	50	60
Minimum Non-Detect	N/A	0.48
Maximum Non-Detect	N/A	0.82
Percent Non-detects	0.00%	4.76%
Minimum Detect	2.2	0.57
Maximum Detect	57.4	23.7
Mean of Detects	13.25	2.456
Median of Detects	12.75	1.6
SD of Detects	9.901	3.254

**Sample 1 vs Sample 2 Gehan Test**

**H0: Mean of Sample 1 = Mean of background**

Gehan z Test Value 8.186  
Lower Critical z (0.025) -1.96  
Upper Critical z (0.975) 1.96  
P-Value 2.220E-16

**Conclusion with Alpha = 0.05**

**Reject H0, Conclude Sample 1  $\neq$  Sample 2**

**P-Value < alpha (0.05)**

**TABLE D-2**  
**Pro UCL Output: Cadmium Gehan**  
**Area-Wide Non-PCB Constituent Screening Evaluation**  
**Cadmium Gehan Sample 1 vs Sample 2 Comparison Hypothesis Test for Data Sets with Non-Detects**

User Selected Options  
Date/Time of Computation 1/7/2015 2:44:50 PM  
From File Residual Inputs for Stats.xls  
Full Precision OFF  
Confidence Coefficient 95%  
Selected Null Hypothesis Sample 1 Mean/Median = Sample 2 Mean/Median (Two Sided Alternative)  
Alternative Hypothesis Sample 1 Mean/Median <> Sample 2 Mean/Median

**Sample 1 Data: Cadmium**

**Sample 2 Data: CadmiumR**

<b>Raw Statistics</b>		
	Sample 1	Sample 2
Number of Valid Data	50	63
Number of Non-Detects	7	52
Number of Detect Data	43	11
Minimum Non-Detect	0.3	0
Maximum Non-Detect	1.4	1.6
Percent Non-detects	14.00%	82.54%
Minimum Detect	0.13	0.77
Maximum Detect	13.5	3.7
Mean of Detects	4.281	1.62
Median of Detects	2.8	1.4
SD of Detects	3.877	0.787

**Sample 1 vs Sample 2 Gehan Test**

**H0: Mean of Sample 1 = Mean of background**

Gehan z Test Value 6.279  
Lower Critical z (0.025) -1.96  
Upper Critical z (0.975) 1.96  
P-Value 3.413E-10

**Conclusion with Alpha = 0.05**

**Reject H0, Conclude Sample 1 <> Sample 2**

**P-Value < alpha (0.05)**

**TABLE D-2**  
**Pro UCL Output: Copper Soil**  
**Area-Wide Non-PCB Constituent Screening Evaluation**  
**Copper Wilcoxon-Mann-Whitney Sample 1 vs Sample 2 Comparison Test for Data Sets with Non-Detects**

User Selected Options  
Date/Time of Computation 1/7/2015 2:45:58 PM  
From File Residual Inputs for Stats.xls  
Full Precision OFF  
Confidence Coefficient 95%  
Selected Null Hypothesis Sample 1 Mean/Median = Sample 2 Mean/Median (2 Sided Alternative)  
Alternative Hypothesis Sample 1 Mean/Median <> Sample 2 Mean/Median

**Sample 1 Data: Copper**

**Sample 2 Data: CopperR**

<b>Raw Statistics</b>		
	Sample 1	Sample 2
Number of Valid Data	50	63
Number of Non-Detects	0	0
Number of Detect Data	50	63
Minimum Non-Detect	N/A	N/A
Maximum Non-Detect	N/A	N/A
Percent Non-detects	0.00%	0.00%
Minimum Detect	1.5	9.1
Maximum Detect	390	279
Mean of Detects	123.5	77.41
Median of Detects	66.1	62.2
SD of Detects	120.7	50.11

**Wilcoxon-Mann-Whitney (WMW) Test**

**H0: Mean/Median of Sample 1 = Mean/Median of Sample 2**

Sample 1 Rank Sum W-Stat 2896  
WMW U-Stat 1621  
Standardized WMW U-Stat 0.263  
Mean (U) 1575  
SD(U) - Adj ties 173  
Lower Approximate U-Stat Critical Value (0.025) -1.96  
Upper Approximate U-Stat Critical Value (0.975) 1.96  
P-Value (Adjusted for Ties) 0.793

**Conclusion with Alpha = 0.05**

**Do Not Reject H0, Conclude Sample 1 = Sample 2**

**P-Value >= alpha (0.05)**

**TABLE D-2**  
**Pro UCL Output: Chromium Soil**  
**Area-Wide Non-PCB Constituent Screening Evaluation**  
**Chromium Wilcoxon-Mann-Whitney Sample 1 vs Sample 2 Comparison Test for Data Sets with Non-Detects**

User Selected Options  
Date/Time of Computation 1/7/2015 2:45:17 PM  
From File Residual Inputs for Stats.xls  
Full Precision OFF  
Confidence Coefficient 95%  
Selected Null Hypothesis Sample 1 Mean/Median = Sample 2 Mean/Median (2 Sided Alternative)  
Alternative Hypothesis Sample 1 Mean/Median <> Sample 2 Mean/Median

**Sample 1 Data: Chromium**

**Sample 2 Data: ChromiumR**

<b>Raw Statistics</b>		
	Sample 1	Sample 2
Number of Valid Data	50	63
Number of Non-Detects	0	0
Number of Detect Data	50	63
Minimum Non-Detect	N/A	N/A
Maximum Non-Detect	N/A	N/A
Percent Non-detects	0.00%	0.00%
Minimum Detect	4	7.4
Maximum Detect	449	212
Mean of Detects	120.2	69.57
Median of Detects	69.15	56.5
SD of Detects	119.9	54.76

**Wilcoxon-Mann-Whitney (WMW) Test**

**H0: Mean/Median of Sample 1 = Mean/Median of Sample 2**

Sample 1 Rank Sum W-Stat	3048
WMW U-Stat	1773
Standardized WMW U-Stat	1.142
Mean (U)	1575
SD(U) - Adj ties	173
Lower Approximate U-Stat Critical Value (0.025)	-1.96
Upper Approximate U-Stat Critical Value (0.975)	1.96
P-Value (Adjusted for Ties)	0.254

**Conclusion with Alpha = 0.05**

**Do Not Reject H0, Conclude Sample 1 = Sample 2**

**P-Value >= alpha (0.05)**



**TABLE D-2**  
**Pro UCL Output: Mercury Gehan**  
**Area-Wide Non-PCB Constituent Screening Evaluation**  
**Mercury Gehan Sample 1 vs Sample 2 Comparison Hypothesis Test for Data Sets with Non-Detects**

User Selected Options  
Date/Time of Computation 1/7/2015 2:49:20 PM  
From File Residual Inputs for Stats.xls  
Full Precision OFF  
Confidence Coefficient 95%  
Selected Null Hypothesis Sample 1 Mean/Median = Sample 2 Mean/Median (Two Sided Alternative)  
Alternative Hypothesis Sample 1 Mean/Median <> Sample 2 Mean/Median

**Sample 1 Data: Mercury**

**Sample 2 Data: MercuryR**

<b>Raw Statistics</b>		
	Sample 1	Sample 2
Number of Valid Data	172	63
Number of Non-Detects	13	16
Number of Detect Data	159	47
Minimum Non-Detect	0.014	0
Maximum Non-Detect	0.053	0.13
Percent Non-detects	7.56%	25.40%
Minimum Detect	0.009	0.06
Maximum Detect	16.3	5.2
Mean of Detects	1.339	1.409
Median of Detects	0.3	1
SD of Detects	1.987	1.333

**Sample 1 vs Sample 2 Gehan Test**

**H0: Mean of Sample 1 = Mean of background**

Gehan z Test Value	-0.249
Lower Critical z (0.025)	-1.96
Upper Critical z (0.975)	1.96
P-Value	0.803

**Conclusion with Alpha = 0.05**

**Do Not Reject H0, Conclude Sample 1 = Sample 2**

**P-Value >= alpha (0.05)**

**TABLE D-2**  
**Pro UCL Output: Manganese Soil**  
**Area-Wide Non-PCB Constituent Screening Evaluation**  
**Manganese Wilcoxon-Mann-Whitney Sample 1 vs Sample 2 Comparison Test for Data Sets with Non-Detects**

User Selected Options  
Date/Time of Computation 1/7/2015 2:48:35 PM  
From File Residual Inputs for Stats.xls  
Full Precision OFF  
Confidence Coefficient 95%  
Selected Null Hypothesis Sample 1 Mean/Median = Sample 2 Mean/Median (2 Sided Alternative)  
Alternative Hypothesis Sample 1 Mean/Median <> Sample 2 Mean/Median

**Sample 1 Data: Manganese**

**Sample 2 Data: ManganeseR**

Raw Statistics		
	Sample 1	Sample 2
Number of Valid Data	50	63
Number of Non-Detects	0	0
Number of Detect Data	50	63
Minimum Non-Detect	N/A	N/A
Maximum Non-Detect	N/A	N/A
Percent Non-detects	0.00%	0.00%
Minimum Detect	70.6	6.3
Maximum Detect	2760	615
Mean of Detects	482	80.03
Median of Detects	317	42.6
SD of Detects	497.2	108.4

**Wilcoxon-Mann-Whitney (WMW) Test**

**H0: Mean/Median of Sample 1 = Mean/Median of Sample 2**

Sample 1 Rank Sum W-Stat 4224  
WMW U-Stat 2949  
Standardized WMW U-Stat 7.943  
Mean (U) 1575  
SD(U) - Adj ties 173  
Lower Approximate U-Stat Critical Value (0.025) -1.96  
Upper Approximate U-Stat Critical Value (0.975) 1.96  
P-Value (Adjusted for Ties) 1.977E-15

**Conclusion with Alpha = 0.05**

**Reject H0, Conclude Sample 1 <> Sample 2**

**P-Value < alpha (0.05)**

**TABLE D-2**  
**Pro UCL Output: Lead Soil**  
**Area-Wide Non-PCB Constituent Screening Evaluation**  
**Lead Wilcoxon-Mann-Whitney Sample 1 vs Sample 2 Comparison Test for Data Sets with Non-Detects**

User Selected Options  
Date/Time of Computation 1/7/2015 2:48:05 PM  
From File Residual Inputs for Stats.xls  
Full Precision OFF  
Confidence Coefficient 95%  
Selected Null Hypothesis Sample 1 Mean/Median = Sample 2 Mean/Median (2 Sided Alternative)  
Alternative Hypothesis Sample 1 Mean/Median <> Sample 2 Mean/Median

**Sample 1 Data: Lead**

**Sample 2 Data: LeadR**

<b>Raw Statistics</b>		
	Sample 1	Sample 2
Number of Valid Data	50	63
Number of Non-Detects	0	0
Number of Detect Data	50	63
Minimum Non-Detect	N/A	N/A
Maximum Non-Detect	N/A	N/A
Percent Non-detects	0.00%	0.00%
Minimum Detect	2.9	7.8
Maximum Detect	1200	1440
Mean of Detects	318.4	358
Median of Detects	178	308
SD of Detects	333.2	332.1

**Wilcoxon-Mann-Whitney (WMW) Test**

**H0: Mean/Median of Sample 1 = Mean/Median of Sample 2**

Sample 1 Rank Sum W-Stat 2692  
WMW U-Stat 1417  
Standardized WMW U-Stat -0.913  
Mean (U) 1575  
SD(U) - Adj ties 173  
Lower Approximate U-Stat Critical Value (0.025) -1.96  
Upper Approximate U-Stat Critical Value (0.975) 1.96  
P-Value (Adjusted for Ties) 0.361

**Conclusion with Alpha = 0.05**

**Do Not Reject H0, Conclude Sample 1 = Sample 2**

**P-Value >= alpha (0.05)**

**TABLE D-2**  
**Pro UCL Output: Selenium Gehan**  
**Area-Wide Non-PCB Constituent Screening Evaluation**  
**Selenium Gehan Sample 1 vs Sample 2 Comparison Hypothesis Test for Data Sets with Non-Detects**

User Selected Options  
Date/Time of Computation 1/7/2015 2:50:55 PM  
From File Residual Inputs for Stats.xls  
Full Precision OFF  
Confidence Coefficient 95%  
Selected Null Hypothesis Sample 1 Mean/Median = Sample 2 Mean/Median (Two Sided Alternative)  
Alternative Hypothesis Sample 1 Mean/Median  $\neq$  Sample 2 Mean/Median

**Sample 1 Data: Selenium**

**Sample 2 Data: SeleniumR**

<b>Raw Statistics</b>		
	Sample 1	Sample 2
Number of Valid Data	50	63
Number of Non-Detects	26	50
Number of Detect Data	24	13
Minimum Non-Detect	0.26	0
Maximum Non-Detect	10.4	0.67
Percent Non-detects	52.00%	79.37%
Minimum Detect	0.39	0.35
Maximum Detect	5.3	3.1
Mean of Detects	1.983	0.772
Median of Detects	2	0.48
SD of Detects	1.227	0.774

**Sample 1 vs Sample 2 Gehan Test**

**H0: Mean of Sample 1 = Mean of background**

Gehan z Test Value 6.196  
Lower Critical z (0.025) -1.96  
Upper Critical z (0.975) 1.96  
P-Value 5.788E-10

**Conclusion with Alpha = 0.05**

**Reject H0, Conclude Sample 1  $\neq$  Sample 2**

**P-Value < alpha (0.05)**

**TABLE D-2**  
**Pro UCL Output: Vanadium Soil**  
**Area-Wide Non-PCB Constituent Screening Evaluation**  
**Vanadium Wilcoxon-Mann-Whitney Sample 1 vs Sample 2 Comparison Test for Data Sets with Non-Detects**

User Selected Options  
Date/Time of Computation 1/7/2015 2:52:42 PM  
From File Residual Inputs for Stats.xls  
Full Precision OFF  
Confidence Coefficient 95%  
Selected Null Hypothesis Sample 1 Mean/Median = Sample 2 Mean/Median (2 Sided Alternative)  
Alternative Hypothesis Sample 1 Mean/Median <> Sample 2 Mean/Median

**Sample 1 Data: Vanadium**

**Sample 2 Data: VanadiumR**

<b>Raw Statistics</b>		
	Sample 1	Sample 2
Number of Valid Data	50	63
Number of Non-Detects	0	0
Number of Detect Data	50	63
Minimum Non-Detect	N/A	N/A
Maximum Non-Detect	N/A	N/A
Percent Non-detects	0.00%	0.00%
Minimum Detect	4	4.9
Maximum Detect	32.4	24.9
Mean of Detects	17.37	13.79
Median of Detects	18.25	12.9
SD of Detects	8.07	4.369

**Wilcoxon-Mann-Whitney (WMW) Test**

**H0: Mean/Median of Sample 1 = Mean/Median of Sample 2**

Sample 1 Rank Sum W-Stat	3273
WMW U-Stat	1998
Standardized WMW U-Stat	2.443
Mean (U)	1575
SD(U) - Adj ties	173
Lower Approximate U-Stat Critical Value (0.025)	-1.96
Upper Approximate U-Stat Critical Value (0.975)	1.96
P-Value (Adjusted for Ties)	0.0146

**Conclusion with Alpha = 0.05**

**Reject H0, Conclude Sample 1 <> Sample 2**

**P-Value < alpha (0.05)**

**TABLE D-2**  
**Pro UCL Output: Zinc Soil**  
**Area-Wide Non-PCB Constituent Screening Evaluation**  
**Zinc Wilcoxon-Mann-Whitney Sample 1 vs Sample 2 Comparison Test for Data Sets with Non-Detects**

User Selected Options  
Date/Time of Computation 1/7/2015 2:53:19 PM  
From File Residual Inputs for Stats.xls  
Full Precision OFF  
Confidence Coefficient 95%  
Selected Null Hypothesis Sample 1 Mean/Median = Sample 2 Mean/Median (2 Sided Alternative)  
Alternative Hypothesis Sample 1 Mean/Median <> Sample 2 Mean/Median

**Sample 1 Data: Zinc**

**Sample 2 Data: ZincR**

<b>Raw Statistics</b>		
	Sample 1	Sample 2
Number of Valid Data	50	56
Number of Non-Detects	0	0
Number of Detect Data	50	56
Minimum Non-Detect	N/A	N/A
Maximum Non-Detect	N/A	N/A
Percent Non-detects	0.00%	0.00%
Minimum Detect	9.8	20.9
Maximum Detect	1010	1140
Mean of Detects	308.2	279.4
Median of Detects	181.5	249
SD of Detects	292.4	174.2

**Wilcoxon-Mann-Whitney (WMW) Test**

**H0: Mean/Median of Sample 1 = Mean/Median of Sample 2**

Sample 1 Rank Sum W-Stat 2546  
WMW U-Stat 1271  
Standardized WMW U-Stat -0.82  
Mean (U) 1400  
SD(U) - Adj ties 158  
Lower Approximate U-Stat Critical Value (0.025) -1.96  
Upper Approximate U-Stat Critical Value (0.975) 1.96  
P-Value (Adjusted for Ties) 0.412

**Conclusion with Alpha = 0.05**

**Do Not Reject H0, Conclude Sample 1 = Sample 2**

**P-Value >= alpha (0.05)**

TABLE D-2

Pro UCL Output: bis(2-Ethylhexyl)phthalate Gehan

Area-Wide Non-PCB Constituent Screening Evaluation

bis(2-Ethylhexyl)phthalate Gehan Sample 1 vs Sample 2 Comparison Hypothesis Test for Data Sets with Non-Detects

User Selected Options

Date/Time of Computation 1/7/2015 2:43:48 PM  
From File Residual Inputs for Stats.xls  
Full Precision OFF  
Confidence Coefficient 95%  
Selected Null Hypothesis Sample 1 Mean/Median = Sample 2 Mean/Median (Two Sided Alternative)  
Alternative Hypothesis Sample 1 Mean/Median <> Sample 2 Mean/Median

Sample 1 Data: bis(2-Ethylhexyl)phthalate

Sample 2 Data: bis(2-Ethylhexyl)phthalateR

Raw Statistics

	Sample 1	Sample 2
Number of Valid Data	50	63
Number of Non-Detects	28	27
Number of Detect Data	22	36
Minimum Non-Detect	31	680
Maximum Non-Detect	2500	89000
Percent Non-detects	56.00%	42.86%
Minimum Detect	24	95
Maximum Detect	2300	15000
Mean of Detects	438.6	2729
Median of Detects	170	1700
SD of Detects	589.1	3160

Sample 1 vs Sample 2 Gehan Test

H0: Mean of Sample 1 = Mean of background

Gehan z Test Value -6.443  
Lower Critical z (0.025) -1.96  
Upper Critical z (0.975) 1.96  
P-Value 1.170E-10

Conclusion with Alpha = 0.05

Reject H0, Conclude Sample 1 <> Sample 2

P-Value < alpha (0.05)

**TABLE D-2**  
**Pro UCL Output: Di-n-butyl phthalate Gehan**  
**Area-Wide Non-PCB Constituent Screening Evaluation**  
**Di-n-butyl phthalate Gehan Sample 1 vs Sample 2 Comparison Hypothesis Test for Data Sets with Non-Detects**

User Selected Options  
Date/Time of Computation 1/7/2015 2:47:30 PM  
From File Residual Inputs for Stats.xls  
Full Precision OFF  
Confidence Coefficient 95%  
Selected Null Hypothesis Sample 1 Mean/Median = Sample 2 Mean/Median (Two Sided Alternative)  
Alternative Hypothesis Sample 1 Mean/Median <> Sample 2 Mean/Median

**Sample 1 Data: Di-n-butyl phthalate**

**Sample 2 Data: Di-n-ButylphthalateR**

<b>Raw Statistics</b>		
	Sample 1	Sample 2
Number of Valid Data	50	63
Number of Non-Detects	41	61
Number of Detect Data	9	2
Minimum Non-Detect	80	600
Maximum Non-Detect	3900	89000
Percent Non-detects	82.00%	96.83%
Minimum Detect	30	54
Maximum Detect	2900	1600
Mean of Detects	479.4	827
Median of Detects	71	827
SD of Detects	932	1093

**Sample 1 vs Sample 2 Gehan Test**

**H0: Mean of Sample 1 = Mean of background**

Gehan z Test Value	-0.544
Lower Critical z (0.025)	-1.96
Upper Critical z (0.975)	1.96
P-Value	0.586

**Conclusion with Alpha = 0.05**

**Do Not Reject H0, Conclude Sample 1 = Sample 2**

**P-Value >= alpha (0.05)**



**TABLE D-2**  
**Pro UCL Output: 4,4'-DDT Soil Gehan**  
**Area-Wide Non-PCB Constituent Screening Evaluation**  
**4,4'-DDT Soil Gehan Sample 1 vs Sample 2 Comparison Hypothesis Test for Data Sets with Non-Detects**

User Selected Options  
Date/Time of Computation 1/7/2015 2:42:49 PM  
From File Residual Inputs for Stats.xls  
Full Precision OFF  
Confidence Coefficient 95%  
Selected Null Hypothesis Sample 1 Mean/Median = Sample 2 Mean/Median (Two Sided Alternative)  
Alternative Hypothesis Sample 1 Mean/Median <> Sample 2 Mean/Median

**Sample 1 Data: 4,4'-DDT**

**Sample 2 Data: 4,4'-DDTR**

<b>Raw Statistics</b>		
	Sample 1	Sample 2
Number of Valid Data	48	54
Number of Non-Detects	28	28
Number of Detect Data	20	26
Minimum Non-Detect	3.5	5.4
Maximum Non-Detect	200	490
Percent Non-detects	58.33%	51.85%
Minimum Detect	3.4	4.7
Maximum Detect	340	600
Mean of Detects	104.8	179
Median of Detects	83	115
SD of Detects	89.78	158.1

**Sample 1 vs Sample 2 Gehan Test**

**H0: Mean of Sample 1 = Mean of background**

Gehan z Test Value	-1.922
Lower Critical z (0.025)	-1.96
Upper Critical z (0.975)	1.96
P-Value	0.0546

**Conclusion with Alpha = 0.05**

**Do Not Reject H0, Conclude Sample 1 = Sample 2**

**P-Value >= alpha (0.05)**

**TABLE D-2**  
**Pro UCL Output: TCDD TEQ Soil**  
**Area-Wide Non-PCB Constituent Screening Evaluation**  
**Wilcoxon-Mann-Whitney Sample 1 vs Sample 2 Comparison Test for Uncensor Full Data Sets without NDs**

User Selected Options  
Date/Time of Computation 3/17/2015 11:59:01 AM  
From File WorkSheet.xls  
Full Precision OFF  
Confidence Coefficient 95%  
Substantial Difference 0.000  
Selected Null Hypothesis Sample 1 Mean/Median = Sample 2 Mean/Median (Two Sided Alternative)  
Alternative Hypothesis Sample 1 Mean/Median <> Sample 2 Mean/Median

**Sample 1 Data: TCDD**

**Sample 2 Data: RTCDD**

<b>Raw Statistics</b>		
	Sample 1	Sample 2
Number of Valid Observations	39	13
Number of Distinct Observations	39	13
Minimum	0.042	0.989
Maximum	1071	2023
Mean	161.9	356.7
Median	47.89	140.8
SD	238.4	556.1
SE of Mean	38.17	154.2

**Wilcoxon-Mann-Whitney (WMW) Test**

**H0: Mean/Median of Sample 1 = Mean/Median of Sample 2**

Sample 1 Rank Sum W-Stat	964
WMW U-Stat	184
Standardized WMW U-Stat	1.458
Mean (U)	253.5
SD(U) - Adj ties	47.32
Lower Approximate U-Stat Critical Value (0.025)	-1.96
Upper Approximate U-Stat Critical Value (0.975)	1.96
P-Value (Adjusted for Ties)	0.145

**Conclusion with Alpha = 0.05**

**Do Not Reject H0, Conclude Sample 1 = Sample 2**

**P-Value >= alpha (0.05)**

TABLE D-3  
Constituents of Interest and Paper Residual Data for Statistical Comparison - Sediment

Area-Wide Non-PCB Constituent Screening Evaluation											
Lead	D Lead	Endosulfan I	D Endosulfan I	TCDD TEQ	D TCDD TEQ	LeadR	D LeadR	Endosulfan IR	Endosulfan I DR	TCDDR	D TCDDR
1080	1	3.2	1	0.00054	1	22.5	1	94	0	58.769	1
270	1	1.6	1	0.34857	1	500	1	49	0	9.91158	1
45.1	1	1.4	1	3.4839	1	675	1	45	0	0.98901	1
139	1	7.4	1	4.9096	1	56.5	1	7.2	0	586.354	1
300	1	2.5	0	10.5787	1	483	1	4.7	0	604.126	1
8.2	1	3	0	29.6433	1	22.2	1	30	0	681.549	1
129	1	2.3	0	0.1205	1	454	1	11	0	179.3225	1
111	1	1.9	0	25.972	1	308	1	46	0	17.07607	1
69.9	1	1.8	0			607	1	11	0	54.19908	1
28.2	1	2.5	0			861	1	65	0	170.345	1
2.6	1	2.9	0			819	1	65	0	2022.883	1
12.4	1	11	1			367	1	27	0	110.4492	1
135	1	4.2	0			710	1	31	0	140.7958	1
596	1	2.1	0			101	1	250	0		
65.4	1	44	1			97.4	1	34	0		
723	1	4.1	1			106	1	47	0		
588	1	2.7	1			419	1	47	0		
488	1	83	0			222	1	24	0		
199	1	15	0			730	1	3.2	0		
147	1	2.8	0			907	1	4.5	0		
147	1	2.6	0			1440	1	4.4	0		
81	1	2	0			16.5	1	7.6	0		
37.7	1	2	0			12.3	1	110	0		
33.8	1	2	0			18.9	1	47	0		
11.3	1	1.9	0			30.8	1	91	0		
7.8	1	1.9	0			146	1	130	0		
1.5	1	2	0			15.1	1	26	0		
7.6	1	2.1	0			458	1	45	0		
9.3	1	2.1	0			547	1	42	0		
55.6	1	2.3	0			390	1	82	0		
142	1	2.4	0			371	1	45	0		
156	1	3.3	0			19.9	1	98	0		
290	1	3.3	0			62.1	1	100	0		
292	1	4.1	0			303	1	420	0		
439	1	4.5	0			395	1	120	0		
485	1	4.5	0			407	1	72	0		
531	1	5.6	1			335	1	35	0		
541	1	8.9	1			32.6	1	34	0		
745	1	12	0			167	1	39	0		
947	1	27	1			187	1	43	0		
1040	1	40	0			9.7	1	44	0		
1200	1	44	1			371	1	160	0		
						946	1	36	0		
						140	1	2.8	0		
						226	1	30	0		
						499	1	5.2	0		
						823	1	42	0		
						308	1	35	0		
						840	1	31	0		
						17.9	1	21	0		
						11.8	1	18	0		
						12.1	1	32	0		
						7.8	1	36	0		
						9.8	1	92	0		
						124	1	24	0		
						16.6	1	24	0		
						34.5	1	29	0		
						583	1	56	0		
						676	1	34	0		
						567	1	71	0		
						792	1	31	0		
						1060	1	34	0		
						659	1	64	0		

Prepared By/Date: SAG 1/07/15  
Checked By/Date: LSV 1/08/15

**TABLE D-4**  
**Pro UCL Output: Lead Sediment**  
**Area-Wide Non-PCB Constituent Screening Evaluation**  
**Lead Sediment Wilcoxon-Mann-Whitney Sample 1 vs Sample 2 Comparison Test for Data Sets with Non-Detects**

User Selected Options  
Date/Time of Computation 1/7/2015 2:38:14 PM  
From File Residual Inputs for Stats\_a.xls  
Full Precision OFF  
Confidence Coefficient 95%  
Selected Null Hypothesis Sample 1 Mean/Median = Sample 2 Mean/Median (2 Sided Alternative)  
Alternative Hypothesis Sample 1 Mean/Median <> Sample 2 Mean/Median

**Sample 1 Data: Lead**

**Sample 2 Data: LeadR**

<b>Raw Statistics</b>		
	Sample 1	Sample 2
Number of Valid Data	42	63
Number of Non-Detects	0	0
Number of Detect Data	42	63
Minimum Non-Detect	N/A	N/A
Maximum Non-Detect	N/A	N/A
Percent Non-detects	0.00%	0.00%
Minimum Detect	1.5	7.8
Maximum Detect	1200	1440
Mean of Detects	293.7	358
Median of Detects	144.5	308
SD of Detects	332.4	332.1

**Wilcoxon-Mann-Whitney (WMW) Test**

**H0: Mean/Median of Sample 1 = Mean/Median of Sample 2**

Sample 1 Rank Sum W-Stat 2051  
WMW U-Stat 1148  
Standardized WMW U-Stat -1.148  
Mean (U) 1323  
SD(U) - Adj ties 152.9  
Lower Approximate U-Stat Critical Value (0.025) -1.96  
Upper Approximate U-Stat Critical Value (0.975) 1.96  
P-Value (Adjusted for Ties) 0.251

**Conclusion with Alpha = 0.05**

**Do Not Reject H0, Conclude Sample 1 = Sample 2**

**P-Value >= alpha (0.05)**

**TABLE D-4**

**Pro UCL Output: TCDD Sediment**

**Area-Wide Non-PCB Constituent Screening Evaluation**

**TCDD Sediment Wilcoxon-Mann-Whitney Sample 1 vs Sample 2 Comparison Test for Data Sets with Non-Detects**

**User Selected Options**

Date/Time of Computation 1/7/2015 2:38:58 PM  
From File Residual Inputs for Stats\_a.xls  
Full Precision OFF  
Confidence Coefficient 95%  
Selected Null Hypothesis Sample 1 Mean/Median = Sample 2 Mean/Median (2 Sided Alternative)  
Alternative Hypothesis Sample 1 Mean/Median <> Sample 2 Mean/Median

**Sample 1 Data: TCDD TEQ**

**Sample 2 Data: TCDDR**

**Raw Statistics**

	Sample 1	Sample 2
Number of Valid Data	8	13
Number of Non-Detects	0	0
Number of Detect Data	8	13
Minimum Non-Detect	N/A	N/A
Maximum Non-Detect	N/A	N/A
Percent Non-detects	0.00%	0.00%
Minimum Detect	5.4000E-4	0.989
Maximum Detect	29.64	2023
Mean of Detects	9.382	356.7
Median of Detects	4.197	140.8
SD of Detects	11.94	556.1

**Wilcoxon-Mann-Whitney (WMW) Test**

**H0: Mean/Median of Sample 1 = Mean/Median of Sample 2**

Sample 1 Rank Sum W-Stat	46
WMW U-Stat	10
Mean (U)	52
SD(U) - Adj ties	13.81
Lower U-Stat Critical Value (0.025)	25
Upper U-Stat Critical Value (0.975)	79
Standardized WMW U-Stat	3.005
Approximate P-Value	0.00265

**Conclusion with Alpha = 0.05**

**Reject H0, Conclude Sample 1 <> Sample 2**

TABLE D-5  
 Constituents of Interest and Paper Residual Data for Statistical Comparison - Soil vs Sediment  
 Area-Wide Non-PCB Constituent Screening Evaluation

Lead_Soil	D_Lead_Soil	TCDD_Soil	D_TCDD_Soil	Lead_Sediment	D_Lead_Sediment	TCDD_Sediment	D_TCDD_Sediment
194	1	64.679	1	1080	1	0.00054	1
617	1	335.87	1	270	1	0.34857	1
174	1	110	1	45.1	1	3.4839	1
75.5	1	287.34	1	139	1	4.9096	1
357	1	10.4545	1	300	1	10.5787	1
24.2	1	278.57	1	8.2	1	29.6433	1
294	1	7.3153	1	129	1	0.1205	1
995	1	7.1368	1	111	1	25.972	1
51.8	1	25.344	1	69.9	1		
129	1	309.96	1	28.2	1		
723	1	231.12	1	2.6	1		
99.8	1	121.659	1	12.4	1		
145	1	0.64761	1	135	1		
277	1	21.007	1	596	1		
592	1	84.368	1	65.4	1		
737	1	229.199	1	723	1		
915	1	47.886	1	588	1		
15.2	1	119.285	1	488	1		
128	1	35.721	1	199	1		
182	1	1.19	1	147	1		
668	1	555	1	147	1		
585	1	252	1	81	1		
121	1	31.599	1	37.7	1		
503	1	147.79	1	33.8	1		
385	1	0.72316	1	11.3	1		
782	1	807.25	1	7.8	1		
1110	1	3.6264	1	1.5	1		
64.7	1	1070.92	1	7.6	1		
17.7	1	365	1	9.3	1		
455	1	5.9664	1	55.6	1		
8	1	1.19419	1	142	1		
288	1	0.042	1	156	1		
520	1	6.3938	1	290	1		
13.6	1	536.26	1	292	1		
17.5	1	4.8711	1	439	1		
1200	1	0.5011	1	485	1		
5.6	1	2.3352	1	531	1		
598	1	4.7336	1	541	1		
14.5	1	191.0421	1	745	1		
581	1			947	1		
625	1			1040	1		
15.9	1			1200	1		
8	1						
2.9	1						
14.1	1						
527	1						
12.2	1						
6.1	1						
16.7	1						
26.7	1						

Prepared By/Date: SAG 1/07/15  
 Checked By/Date: LSV 1/08/15

**TABLE D-6**

**Pro UCL Output: Lead Soil vs Lead Sediment**

**Area-Wide Non-PCB Constituent Screening Evaluation**

**Lead Soil vs Lead Sediment Wilcoxon-Mann-Whitney Sample 1 vs Sample 2 Comparison Test for Data Sets with Non-Detects**

**User Selected Options**

Date/Time of Computation 1/7/2015 3:44:28 PM  
From File Residual Inputs for Stats.xls  
Full Precision OFF  
Confidence Coefficient 95%  
Selected Null Hypothesis Sample 1 Mean/Median = Sample 2 Mean/Median (2 Sided Alternative)  
Alternative Hypothesis Sample 1 Mean/Median <> Sample 2 Mean/Median

**Sample 1 Data: Lead**

**Sample 2 Data: Pbssd**

**Raw Statistics**

	Sample 1	Sample 2
Number of Valid Data	50	42
Number of Non-Detects	0	0
Number of Detect Data	50	42
Minimum Non-Detect	N/A	N/A
Maximum Non-Detect	N/A	N/A
Percent Non-detects	0.00%	0.00%
Minimum Detect	2.9	1.5
Maximum Detect	1200	1200
Mean of Detects	318.4	293.7
Median of Detects	178	144.5
SD of Detects	333.2	332.4

**Wilcoxon-Mann-Whitney (WMW) Test**

**H0: Mean/Median of Sample 1 = Mean/Median of Sample 2**

Sample 1 Rank Sum W-Stat 2359  
WMW U-Stat 1084  
Standardized WMW U-Stat 0.263  
Mean (U) 1050  
SD(U) - Adj ties 127.6  
Lower Approximate U-Stat Critical Value (0.025) -1.96  
Upper Approximate U-Stat Critical Value (0.975) 1.96  
P-Value (Adjusted for Ties) 0.793

**Conclusion with Alpha = 0.05**

**Do Not Reject H0, Conclude Sample 1 = Sample 2**

**P-Value >= alpha (0.05)**

TABLE D-6

Pro UCL Output: TCDD TEQ Soil vs TCDD TEQ Sediment

Area-Wide Non-PCB Constituent Screening Evaluation

TCDD TEQ Soil vs TCDD TEQ Sediment Wilcoxon-Mann-Whitney Sample 1 vs Sample 2 Comparison Test for Uncensored Full Data Sets without NDs

User Selected Options  
Date/Time of Computation 3/17/2015 12:14:33 PM  
From File WorkSheet.xls  
Full Precision OFF  
Confidence Coefficient 95%  
Substantial Difference 0.000  
Selected Null Hypothesis Sample 1 Mean/Median = Sample 2 Mean/Median (Two Sided Alternative)  
Alternative Hypothesis Sample 1 Mean/Median <> Sample 2 Mean/Median

Sample 1 Data: TCDD

Sample 2 Data: TCDDsed

**Raw Statistics**

	Sample 1	Sample 2
Number of Valid Observations	39	8
Number of Distinct Observations	39	8
Minimum	0.042	5.40E-04
Maximum	1071	29.64
Mean	161.9	9.382
Median	47.89	4.197
SD	238.4	11.94
SE of Mean	38.17	4.22

**Wilcoxon-Mann-Whitney (WMW) Test**

H0: Mean/Median of Sample 1 = Mean/Median of Sample 2

Sample 1 Rank Sum W-Stat	1024
WMW U-Stat	244
Standardized WMW U-Stat	2.477
Mean (U)	156
SD(U) - Adj ties	35.33
Lower Approximate U-Stat Critical Value (0.025)	-1.96
Upper Approximate U-Stat Critical Value (0.975)	1.96
P-Value (Adjusted for Ties)	0.0133

Conclusion with Alpha = 0.05

Reject H0, Conclude Sample 1 <> Sample 2

P-Value < alpha (0.05)



TABLE D-7  
Residual, Soil, and Sediment Total PCBs Inputs for Statistical Comparison  
Area-Wide Non-PCB Constituent Screening Evaluation

TOTAL_PCBsR D	TOTAL_PCBsR	TOTAL_PCBssoil D	TOTAL_PCBssoil	TOTAL_PCBsSediment D	TOTAL_PCBsSediment
0.254	1	2.486666667	1	0.615333333	1
327	1	0.55	1	8.38	1
118	1	5.46	1	20.30333333	1
230	1	0.402	1	1.673333333	1
21.3	1	9.45	1	0.105	1
11.72	1	1.37	1	7.26	1
38	1	4.2	1	59	1
38.5	1	0.064	1	3.76	1
37.1	1	0.135	1	0.05	1
11.9	1	0.553	1	20	1
88	1	0.32	1	122	1
1.7	1	0.247	1	1.286666667	1
174	1	1.8	1	0.249333333	1
59.8	1	1.7	1	0.194666667	1
22	1	25	1	0.371333333	1
20.54	1	0.95	1	0.145	1
64	1	0.835	1	0.057	1
55	1	0.58	1	0.067666667	1
140	1	0.263	1	14.4	1
69.7	1	0.8675	1	1.627328333	1
220	1	0.78	1	0.15	1
62	1	1.1	1	0.012	1
80.4	1	1.504	1	0.011	1
1.6	1	0.1125	1	0.063	1
12	1	0.930833333	1	2.3	1
17	1	2.32	1	0.084	1
110	1	1.17	1	0.0095	1
51	1	2.2	1	0.97	1
54	1	0.29	1	0.039	1
0.9	1	0.052	1	0.052	1
0.1	1	0.35	1	0.0095	1
0.289	1	0.13	1	0.009833333	1
29.78	1	23	1	0.05	1
0.16	0	0.09	1	0.045	1
77	1	1.8	1	0.092	1
4.1	1	0.315	1	0.371833333	1
6.2	1	99	1	0.172	1
0.23	1	0.475	1	14	1
53	1	0.417	1	21.7	1
4.7	1	0.26	1	0.03	1
40	1	7.85	1	0.04	1
42	1	0.127	1	0.03	1
0.42	1	3.3	1	0.0325	1
8	1	0.543	1	0.068	1
53	1	0.4	1	0.065	1
6.4	1	0.09	1	29.4	1
14	1	0.009875	1	0.070075	1
240	1	0.02275	1	0.22	1
28	1	1.61	1	0.0215	1
310	1	0.625	1	0.0105	1
55	1	0.087	1	0.075	1
22	1	0.244166667	1	2.4	1
1.2	1	0.172	1	0.048	1
8.8	1	26.1	1	0.0095	1
0.093	1	0.064	1	0.0415	1
0.37	1	2.425833333	1	0.057	1
82	1	0.208	1	0.1	1
79	1	0.87	1	0.0095	1
6.3	1	0.279	1	0.24	1
55	1	11.6125	1	0.098	1
93	1	0.131	1	0.0135	1
58.71	1	0.032	1	0.58	1
5.6	1	0.02	1	0.86	1
47.2	1	64	1	4.09	1
0.08	0	0.1275	1	11.5	1
26.55	1	0.151	1	0.056888	1
30	1	0.145	1	0.19	1
58.2	1	0.0095	1	0.017	1
19.1	1	0.51	1	3.2	1
58.4	1	1.28	1	0.056	1
77	1	0.0000365	1	0.29	1
22	1	6.31	1	0.1	1
38	1	0.85	1	0.01	1
23.5	1	0.13	1	0.065	1
0.88	1	0.00054	1	0.0105	1
1.1	1	0.319	1	0.016	1
57	1	0.11	1	1.568625	1
4	1	4.09	1	0.06	1
3.54	1	2.36	1	0.0259	1
29.38	1	0.103	1	0.0125	1
29	1	0.2	1	0.0205	1
1	1	8.7	1	7.101083	1
140	1	1.6	1	18.16691667	1
120	1	10	1	1.099	1
52.2	1	17	1	0.726	1
6.7	1	2.47	1	0.030333333	1
5.11	1	12	1	0.123	1
28.6	1	11.1	1	0.336571429	1
		9.51	1	0.843333333	1
		0.000036	1	0.096666667	1
		0.00821	1	11.66	1
		0.041	1	0.063833333	1
		0.024	1	3.377833333	1
		0.32	1	0.065	1
		0.84	1	0.051	1
		3.1	1	0.075	1
		10.404105	1	0.081	1
		0.12	1	0.051	1
		0.078	1	0.21	1
		0.078	1	0.038	1
		42.089	1	0.14	1
		0.49	1	0.027	1
		0.028	1	0.28	1
		0.054	1	0.6	1
		0.065	1	4.31	1
		3.61	1	0.065	1
		0.168	1	0.075	1
		0.744	1	0.075	1
		21.53333333	1	3.20075	1
		1.93	1	0.031	1

TABLE D-7  
 Residual, Soil, and Sediment Total PCBs Inputs for Statistical Comparison  
 Area-Wide Non-PCB Constituent Screening Evaluation

TOTAL_PCBSR	D_TOTAL_PCBSR	TOTAL_PCBSsoil	D_TOTAL_PCBSsoil	TOTAL_PCBSsediment	D_TOTAL_PCBSsediment
0.079					1
0.14					1
0.072					1
0.084					1
0.17					1
0.15					1
0.037					1
0.017					1
0.018					1
0.0395					1
0.129750011					1
0.064					1
0.22					1
0.059					1
0.28					1
0.34					1
0.25					1
0.064					1
0.17					1
0.019					1
0.028					1
9					1
5.9					1
1.5					1
0.302					1
0.05					1
0.05					1
0.143					1
0.042					1
1.23866667					1
4.77					1
5.1					1
0.37066667					1
0.76266667					1
0.63333333					1
36.83333333					1
23.06					1
1.08666667					1
0.485					1
0.77333333					1
0.0265					1
0.0265					1
0.046					1
0.475					1
3.70666667					1
2.42					1
1.476					1
5.07166667					1
7.57					1
0.37333333					1
0.498					1

PREPARED BY/DATE: LSV 1/12/15  
 CHECKED BY/DATE: NTG 1/13/15

TABLE D-8

Pro UCL Output: Total PCBs in Residual vs Total PCBs in Sediment

Area-Wide Non-PCB Constituent Screening Evaluation

Residuals vs Sediment Wilcoxon-Mann-Whitney Sample 1 vs Sample 2 Comparison Test for Data Sets with Non-Detects

User Selected Options

Date/Time of Computation 1/12/2015 12:17:23 AM  
From File Table 2-16 inputs.xls  
Full Precision OFF  
Confidence Coefficient 95%  
Selected Null Hypothesis Sample 1 Mean/Median = Sample 2 Mean/Median (2 Sided Alternative)  
Alternative Hypothesis Sample 1 Mean/Median  $\neq$  Sample 2 Mean/Median

Sample 1 Data: TOTAL\_PCBSR

Sample 2 Data: TOTAL\_PCBSsediment

Raw Statistics

	Sample 1	Sample 2
Number of Valid Data	88	161
Number of Non-Detects	2	0
Number of Detect Data	86	161
Minimum Non-Detect	0.08	N/A
Maximum Non-Detect	0.16	N/A
Percent Non-detects	2.27%	0.00%
Minimum Detect	0.093	0.0095
Maximum Detect	327	122
Mean of Detects	51.16	3.272
Median of Detects	29.58	0.14
SD of Detects	65.88	11.79

Wilcoxon-Mann-Whitney (WMW) Test

H0: Mean/Median of Sample 1 = Mean/Median of Sample 2

Sample 1 Rank Sum W-Stat 16635  
WMW U-Stat 12719  
Standardized WMW U-Stat 10.62  
Mean (U) 7084  
SD(U) - Adj ties 543.3  
Lower Approximate U-Stat Critical Value (0.025) -1.96  
Upper Approximate U-Stat Critical Value (0.975) 1.96  
P-Value (Adjusted for Ties) 2.282E-26

Conclusion with Alpha = 0.05

Reject H0, Conclude Sample 1  $\neq$  Sample 2

P-Value < alpha (0.05)

**TABLE D-8**

**Pro UCL Output: Total PCBs in Residual vs Total PCBs in Soil**

**Area-Wide Non-PCB Constituent Screening Evaluation**

**Residuals vs Soil Wilcoxon-Mann-Whitney Sample 1 vs Sample 2 Comparison Test for Data Sets with Non-Detects**

**User Selected Options**

Date/Time of Computation 1/12/2015 12:17:00 AM  
From File Table 2-16 inputs.xls  
Full Precision OFF  
Confidence Coefficient 95%  
Selected Null Hypothesis Sample 1 Mean/Median = Sample 2 Mean/Median (2 Sided Alternative)  
Alternative Hypothesis Sample 1 Mean/Median <> Sample 2 Mean/Median

**Sample 1 Data: TOTAL\_PCBSR**

**Sample 2 Data: TOTAL\_PCBSsoil**

**Raw Statistics**

	Sample 1	Sample 2
Number of Valid Data	88	110
Number of Non-Detects	2	0
Number of Detect Data	86	110
Minimum Non-Detect	0.08	N/A
Maximum Non-Detect	0.16	N/A
Percent Non-detects	2.27%	0.00%
Minimum Detect	0.093	3.6000E-5
Maximum Detect	327	99
Mean of Detects	51.16	4.447
Median of Detects	29.58	0.527
SD of Detects	65.88	12.57

**Wilcoxon-Mann-Whitney (WMW) Test**

**H0: Mean/Median of Sample 1 = Mean/Median of Sample 2**

Sample 1 Rank Sum W-Stat 12236  
WMW U-Stat 8320  
Standardized WMW U-Stat 8.717  
Mean (U) 4840  
SD(U) - Adj ties 400.7  
Lower Approximate U-Stat Critical Value (0.025) -1.96  
Upper Approximate U-Stat Critical Value (0.975) 1.96  
P-Value (Adjusted for Ties) 2.866E-18

**Conclusion with Alpha = 0.05**

**Reject H0, Conclude Sample 1 <> Sample 2**

**P-Value < alpha (0.05)**

**TABLE D-8**

**Pro UCL Output: Total PCBs in Soil vs Total PCBs in Sediment**

**Area-Wide Non-PCB Constituent Screening Evaluation**

**Soil vs Sediment Wilcoxon-Mann-Whitney Sample 1 vs Sample 2 Comparison Test for Uncensor Full Data Sets without NDs**

User Selected Options

Date/Time of Computation 1/12/2015 12:17:50 AM  
From File Table 2-16 inputs.xls  
Full Precision OFF  
Confidence Coefficient 95%  
Substantial Difference 0.000  
Selected Null Hypothesis Sample 1 Mean/Median = Sample 2 Mean/Median (Two Sided Alternative)  
Alternative Hypothesis Sample 1 Mean/Median <> Sample 2 Mean/Median

**Sample 1 Data: TOTAL\_PCBSSoil**

**Sample 2 Data: TOTAL\_PCBSSediment**

**Raw Statistics**

	Sample 1	Sample 2
Number of Valid Observations	110	161
Number of Distinct Observations	104	135
Minimum	3.6000E-5	0.0095
Maximum	99	122
Mean	4.447	3.272
Median	0.527	0.14
SD	12.57	11.79
SE of Mean	1.198	0.929

**Wilcoxon-Mann-Whitney (WMW) Test**

**H0: Mean/Median of Sample 1 = Mean/Median of Sample 2**

Sample 1 Rank Sum W-Stat 17249  
WMW U-Stat 11144  
Standardized WMW U-Stat 3.613  
Mean (U) 8855  
SD(U) - Adj ties 633.6  
Lower Approximate U-Stat Critical Value (0.025) -1.96  
Upper Approximate U-Stat Critical Value (0.975) 1.96  
P-Value (Adjusted for Ties) 3.0286E-4

**Conclusion with Alpha = 0.05**

**Reject H0, Conclude Sample 1 <> Sample 2**

**P-Value < alpha (0.05)**

**APPENDIX E**  
**UNCERTAINTY ANALYSIS SCREENING TABLES**

**TABLE E-1**  
**Comparison of Non-Detect Non-PCB Constituents in Soil to Tier 1 Human Health and Ecological Soil Screening Levels**  
**Area-Wide Non-PCB Constituent Screening Evaluation**  
**(Constituents in bold have detection limits greater than the human health and/or ecological soil screening levels)**

Constituent	Number of Detects	Number of Samples	Units	Soil Minimum Detection Limit	Soil Maximum Detection Limit	Tier 1 Human Health Screening Levels <sup>(a)</sup>			Detection Limits Below Lowest Human Health Screening Level? (Yes/No)	Tier 1 Ecological Soil Screening Level - USEPA Region 5 <sup>(b)</sup>	Detection Limits Below Ecological Soil Screening Level? (Yes/No)
						Michigan Volatile Soil Inhalation Screening Level	Michigan Particulate Soil Inhalation Screening Level	Michigan Direct Contact Screening Level			
<b>Volatile Organic Compounds</b>											
1,1,1-Trichloroethane	0	151	µg/kg	4.5	71	3.80E+06	6.70E+10	5.00E+08	Yes	2.98E+04	Yes
1,1,2,2-Tetrachloroethane	0	147	µg/kg	4.5	71	1.00E+04	5.40E+07	5.30E+04	Yes	1.27E+02	Yes
1,1,2-Trichloroethane	0	151	µg/kg	4.5	71	1.70E+04	1.90E+08	1.80E+05	Yes	2.86E+04	Yes
1,1-Dichloroethane	0	151	µg/kg	4.5	71	2.10E+06	3.30E+10	2.70E+07	Yes	2.01E+04	Yes
1,1-Dichloroethene	0	151	µg/kg	4.5	71	1.10E+03	6.20E+07	2.00E+05	Yes	8.28E+03	Yes
1,2,3-Trichlorobenzene	0	135	µg/kg	4.5	63	NA	NA	NA	NA	2.00E+04	(c) Yes
1,2,4,5-Tetrachlorobenzene	0	38	µg/kg	210	3900	2.30E+05	6.70E+07	7.70E+07	Yes	2.02E+03	Yes
1,2,4-Trichlorobenzene	0	147	µg/kg	4.5	2500	2.80E+07	2.50E+10	9.90E+05	Yes	1.11E+04	Yes
1,2-Dibromo-3-Chloropropane	0	135	µg/kg	4.5	63	NA	NA	NA	NA	3.52E+01	Yes
1,2-Dibromoethane (Ethylene dibromide)	0	139	µg/kg	4.5	63	NA	NA	NA	NA	1.23E+03	Yes
1,2-Dichlorobenzene	0	147	µg/kg	4.5	2500	3.90E+07	1.00E+11	1.90E+07	Yes	2.96E+03	Yes
1,2-Dichloroethane	0	151	µg/kg	4.5	71	6.20E+03	1.20E+08	9.10E+04	Yes	2.12E+04	Yes
1,2-Dichloroethene (Total)	0	12	µg/kg	11	71	NA	NA	NA	NA	2.30E+04	(d) Yes
1,2-Dichloropropane	0	151	µg/kg	4.5	71	2.50E+04	2.70E+08	1.40E+05	Yes	3.27E+04	Yes
1,3-Dichlorobenzene	0	147	µg/kg	4.5	2500	7.90E+04	2.00E+08	2.00E+05	Yes	3.77E+04	Yes
1,4-Dichlorobenzene	0	147	µg/kg	4.5	2500	7.70E+04	4.00E+05	4.00E+05	Yes	5.46E+02	Yes
2-Hexanone	0	151	µg/kg	4.5	71	1.10E+06	2.70E+09	3.20E+07	Yes	1.26E+04	Yes
Benzene	0	151	µg/kg	4.5	71	1.30E+04	3.80E+08	1.80E+05	Yes	2.55E+02	Yes
Bromodichloromethane (Dichlorobromomethane)	0	151	µg/kg	4.5	71	9.10E+03	8.40E+07	1.10E+05	Yes	5.40E+02	Yes
Bromoform (Tribromomethane)	0	151	µg/kg	4.5	71	9.00E+05	2.80E+09	8.20E+05	Yes	1.59E+04	Yes
Bromomethane (Methyl bromide)	0	151	µg/kg	4.5	71	1.10E+04	3.30E+08	3.20E+05	Yes	2.35E+02	Yes
Carbon tetrachloride	0	151	µg/kg	4.5	71	3.50E+03	1.30E+08	9.60E+04	Yes	2.98E+03	Yes
Chlorobenzene	0	151	µg/kg	4.5	71	7.70E+05	4.70E+09	4.30E+06	Yes	1.31E+04	Yes
Chlorobromomethane (Bromochloromethane)	0	139	µg/kg	4.5	63	NA	NA	NA	NA	NA	NA
Chlorodibromomethane (Dibromochloromethane)	0	151	µg/kg	4.5	71	2.40E+04	1.30E+08	1.10E+05	Yes	2.05E+03	Yes
Chloroethane	0	151	µg/kg	4.5	71	3.00E+07	6.70E+11	2.60E+06	Yes	NA	NA
Chloroform	0	151	µg/kg	0.56	71	4.50E+04	1.30E+09	1.20E+06	Yes	1.19E+03	Yes
Chloromethane (Methyl chloride)	0	151	µg/kg	4.5	71	4.00E+04	4.90E+09	1.60E+06	Yes	1.04E+04	Yes
cis-1,2-Dichloroethene	0	139	µg/kg	4.5	63	NA	2.30E+09	2.50E+06	Yes	8.96E+04	(g) Yes
cis-1,3-Dichloropropene	0	151	µg/kg	4.5	71	NA	7.80E+08	1.00E+04	Yes	3.98E+02	Yes
Dichlorodifluoromethane	0	139	µg/kg	4.5	63	5.30E+07	3.30E+12	5.20E+07	Yes	3.95E+04	Yes
Ethylbenzene	0	151	µg/kg	4.5	71	7.20E+05	1.00E+10	2.20E+07	Yes	5.16E+03	Yes
Freon-113 (1,1,2-trichloro-1,2,2-trifluoroethane)	0	139	µg/kg	4.5	63	1.80E+08	5.10E+12	1.00E+09	Yes	NA	NA
Hexachloroethane	0	50	µg/kg	210	3900	5.50E+05	2.30E+08	2.30E+05	Yes	5.96E+02	Yes
Isopropylbenzene (Cumene)	0	135	µg/kg	4.5	63	1.70E+06	5.80E+09	2.50E+07	Yes	NA	NA
Methyl isobutyl ketone (4-Methyl-2-pentanone)	0	151	µg/kg	4.5	71	4.50E+07	1.40E+11	5.60E+07	Yes	4.43E+05	Yes
Methyl tertiary butyl ether (MTBE)	0	139	µg/kg	4.5	63	2.50E+07	2.00E+11	1.50E+06	Yes	NA	NA
Styrene	0	151	µg/kg	4.5	71	9.70E+05	5.50E+09	4.00E+05	Yes	4.69E+03	Yes
Tetrachloroethene (PCE)	0	151	µg/kg	4.5	71	1.70E+05	2.70E+09	2.00E+05	Yes	9.92E+03	Yes
trans-1,2-Dichloroethene	0	139	µg/kg	4.5	63	2.80E+05	4.70E+09	3.80E+06	Yes	7.84E+02	Yes
trans-1,3-Dichloropropene	0	151	µg/kg	4.5	71	1.80E+04	7.80E+08	1.00E+04	Yes	3.98E+02	Yes
Trichloroethene (TCE)	0	151	µg/kg	4.5	71	1.10E+04	1.30E+08	1.10E+05	Yes	1.24E+04	Yes
Trichlorofluoromethane	0	139	µg/kg	4.5	63	9.20E+07	3.80E+12	7.90E+07	Yes	1.64E+04	Yes
Vinyl Chloride	0	151	µg/kg	4.5	71	4.20E+03	3.50E+08	3.80E+03	Yes	6.46E+02	Yes

**TABLE E-1**  
**Comparison of Non-Detect Non-PCB Constituents in Soil to Tier 1 Human Health and Ecological Soil Screening Levels**  
**Area-Wide Non-PCB Constituent Screening Evaluation**  
**(Constituents in bold have detection limits greater than the human health and/or ecological soil screening levels)**

Constituent	Number of Detects	Number of Samples	Units	Soil Minimum Detection Limit	Soil Maximum Detection Limit	Tier 1 Human Health Screening Levels <sup>(a)</sup>			Detection Limits Below Lowest Human Health Screening Level? (Yes/No)	Tier 1 Ecological Soil Screening Level - USEPA Region 5 <sup>(b)</sup>	Detection Limits Below Ecological Soil Screening Level? (Yes/No)
						Michigan Volatile Soil Inhalation Screening Level	Michigan Particulate Soil Inhalation Screening Level	Michigan Direct Contact Screening Level			
<b>Semi-Volatile Organic Compounds</b>											
1,1-Biphenyl	0	38	µg/kg	210	3900	NA	NA	NA	NA	NA	NA
2,4,5-Trichlorophenol	0	50	µg/kg	210	9900	NA	2.30E+10	2.30E+07	Yes	1.41E+04	Yes
2,4,6-Trichlorophenol	0	50	µg/kg	210	3900	NA	1.00E+09	7.10E+05	Yes	9.94E+03	Yes
2,4-Dichlorophenol	0	50	µg/kg	210	3900	NA	5.10E+09	6.60E+05	Yes	8.75E+04	Yes
<b>2,4-Dimethylphenol</b>	0	50	µg/kg	210	3900	NA	4.70E+09	1.10E+07	Yes	1.00E+01	<b>No</b>
<b>2,4-Dinitrophenol</b>	0	50	µg/kg	400	9900	NA	NA	NA	NA	6.09E+01	<b>No</b>
2,4-Dinitrotoluene	0	50	µg/kg	210	3900	NA	1.60E+07	4.80E+04	Yes	1.28E+03	Yes
<b>2,6-Dinitrotoluene</b>	0	50	µg/kg	210	3900	NA	NA	NA	NA	3.28E+01	<b>No</b>
2-Chlorobiphenyl	0	3	µg/kg	2.2	16	NA	NA	NA	NA	NA	NA
<b>2-Chloronaphthalene</b>	0	50	µg/kg	210	3900	NA	NA	5.60E+07	Yes	1.22E+01	<b>No</b>
2-Chlorophenol	0	50	µg/kg	210	3900	9.60E+05	1.20E+09	1.40E+06	Yes	2.43E+02	Yes
2-Methylphenol (o-Cresol) <sup>(e)</sup>	0	50	µg/kg	210	3900	NA	6.70E+09	1.10E+07	Yes	4.04E+04	Yes
2-Nitroaniline	0	50	µg/kg	400	9900	NA	NA	NA	NA	7.41E+04	Yes
2-Nitrophenol	0	50	µg/kg	210	3900	NA	NA	6.30E+05	Yes	1.60E+03	Yes
3,3'-Dichlorobenzidine	0	50	µg/kg	210	3900	NA	6.50E+06	6.60E+03	Yes	6.46E+02	Yes
3+4-Methylphenol (m,p-Cresol) <sup>(e)</sup>	0	38	µg/kg	400	8000	NA	6.70E+09	1.10E+07	Yes	3.49E+03	(f) Yes
3-Nitroaniline	0	50	µg/kg	400	9900	NA	NA	NA	NA	3.16E+03	Yes
4,6-Dinitro-2-Methylphenol	0	50	µg/kg	400	9900	NA	1.30E+08	7.90E+04	Yes	NA	NA
4-Bromophenyl phenyl ether	0	50	µg/kg	210	3900	NA	NA	NA	NA	NA	NA
4-Chloro-3-Methylphenol	0	50	µg/kg	210	3900	NA	NA	4.50E+06	Yes	7.95E+03	Yes
4-Chloroaniline	0	50	µg/kg	210	3900	NA	NA	NA	NA	1.10E+03	Yes
4-Chlorophenyl phenyl ether	0	50	µg/kg	210	3900	NA	NA	NA	NA	NA	NA
4-Methylphenol (p-Cresol) <sup>(e)</sup>	0	12	µg/kg	350	2500	NA	6.70E+09	1.10E+07	Yes	1.63E+05	Yes
4-Nitroaniline	0	50	µg/kg	400	9900	NA	NA	NA	NA	2.19E+04	Yes
4-Nitrophenol	0	50	µg/kg	400	9900	NA	NA	NA	NA	5.12E+03	Yes
bis(2-Chloroethoxy)methane	0	50	µg/kg	87	3900	NA	NA	NA	NA	3.02E+02	Yes
bis(2-Chloroethyl)ether	0	50	µg/kg	210	3900	3.80E+03	9.40E+06	1.30E+04	Yes	2.37E+04	Yes
bis(2-Chloroisopropyl)ether	0	50	µg/kg	210	3900	NA	NA	NA	NA	NA	NA
Decachlorobiphenyl	0	3	µg/kg	2.2	16	NA	NA	NA	NA	NA	NA
Dimethyl phthalate	0	50	µg/kg	210	3900	NA	3.30E+09	1.00E+09	Yes	7.34E+05	Yes
Di-n-octyl phthalate	0	50	µg/kg	210	3900	NA	3.10E+10	6.90E+06	Yes	7.09E+05	Yes
<b>Hexachlorobenzene</b>	0	50	µg/kg	210	3900	1.70E+04	6.80E+06	8.90E+03	Yes	1.99E+02	<b>No</b>
<b>Hexachlorobutadiene</b>	0	50	µg/kg	210	3900	1.30E+05	1.40E+08	1.00E+05	Yes	3.98E+01	<b>No</b>
Hexachlorocyclopentadiene	0	50	µg/kg	210	3900	5.00E+04	1.30E+07	2.30E+06	Yes	7.55E+02	Yes
Nitrobenzene	0	50	µg/kg	210	3900	5.40E+04	4.70E+07	1.00E+05	Yes	1.31E+03	Yes
N-Nitrosodi-n-propylamine	0	50	µg/kg	210	3900	NA	1.60E+06	1.20E+03	Yes	NA	NA
N-Nitrosodiphenylamine	0	50	µg/kg	210	4600	NA	2.20E+09	1.70E+06	Yes	5.45E+02	Yes
<b>Pentachlorophenol</b>	0	50	µg/kg	400	9900	NA	1.00E+08	9.00E+04	Yes	1.19E+02	<b>No</b>
<b>Pesticides</b>											
Atrazine	0	38	µg/kg	210	3900	NA	NA	7.10E+04	Yes	NA	NA

**Notes:**

(a) Michigan Department of Environmental Quality, 2013. Table 2. Soil: Residential Part 201 Generic Cleanup Criteria and Screening Levels/Part 213 Risk-Based Screening Levels. December 30, 2013.

(b) USEPA, 2003. USEPA Region 5 RCRA Ecological Screening Levels. August 22, 2003.

(c) USEPA Region 5 RCRA screening level not available; ORNL soil invertebrate value. Efraymon, R.A., M.E. Will and G.W. Suter II. 1997b. *Toxicological Benchmarks for Contaminants of Potential Concern for Effects on Soil and Litter Invertebrates and Heterotrophic Process: 1997 Revision*. Prepared for the U.S. Department of Energy, Office of Environmental Management by Lockheed Martin Energy Systems, Inc. managing the Oak Ridge National Laboratory (ORNL). ES/ER/TM-126/R2, November 1997. <http://www.esd.ornl.gov/programs/ecorisk/documents/tm126r21.pdf>

(d) USEPA Region 5 RCRA screening level not available; LANL mammal value. LANL. 2012. ECORISK Database (Release 3.1). LA-UR-12-24548, Los Alamos National Laboratory, Los Alamos, New Mexico, October. <http://www.lanl.gov/community-environment/environmentalstewardship/protection/eco-risk-assessment.php>

(e) Human health screening levels are for methylphenols.

(f) Value for lowest of m- or p-cresol.

(g) USEPA Region 5 RCRA screening level not available; Sample et al. 1996 mammal value. Sample, BE, DM Opreko, GW Suter II. 1996. *Toxicological Benchmarks for Wildlife: 1996 Revision*. Oak Ridge National Laboratory. Document ES/ER/TM-86/R3. June 1996. <http://www.esd.ornl.gov/programs/ecorisk/documents/tm86r3.pdf>

NA = Not available

µg/kg = micrograms per kilogram

Prepared By/Date: RRP 11/25/14

Checked By/Date: NSR 12/1/14



**TABLE E-2**  
**Comparison of Eliminated Constituents in Soil Based on Frequency of Detection to Tier 1 Human Health and Ecological Screening Levels**  
**Area-Wide Non-PCB Constituent Screening Evaluation**

(Constituents in bold were eliminated during the Tier 1 screening due to low frequency of detection ( $\leq 10\%$ ), but have one or more detected concentrations greater than Tier 1 human health and/or ecological screening levels)

Constituent <sup>(a)</sup>	Number of Detects	Number of Samples	Frequency of Detection (FOD)	Units	Minimum Detected Concentration	Maximum Detected Concentration (MDC)	Arithmetic Mean /Kaplan Meier Mean Concentration <sup>(b)</sup>	Tier 1 Human Health Screening Levels <sup>(c)</sup>			MDC > Lowest Tier 1 Human Health Screening Level? (Yes/No)	Tier 1 Ecological Soil Screening Level- USEPA Region 5 <sup>(d)</sup>	MDC > Tier 1 Ecological Screening Level? (Yes/No)	Number of Detections > Ecological Screening Level?
								Michigan Volatile Soil Inhalation Screening Level	Michigan Particulate Soil Inhalation Screening Level	Michigan Direct Contact Screening Level				
<b>Inorganics/Metals</b>														
<b>Antimony</b>	1	50	2%	mg/kg	0.85 J	0.85 J	0.85	NA	1.30E+04	1.80E+02	No	0.142	<b>Yes</b>	1
<b>Thallium</b>	3	50	6%	mg/kg	0.41 J	1.0 J	0.434	NA	1.30E+04	3.50E+01	No	0.0569	<b>Yes</b>	3
<b>Volatile Organic Compounds</b>														
Carbon disulfide	3	151	2%	µg/kg	16	24 J	0.963	1.30E+06	4.70E+10	7.20E+06	No	94.1	No	NA
Isophorone	1	50	2%	µg/kg	1,500	1,500	239	NA	1.20E+10	4.80E+06	No	139,000	No	NA
Xylenes, Total	9	151	6%	µg/kg	1.2 J	5.3 J	3.22	4.60E+07	2.90E+11	4.10E+08	No	10,000	No	NA
<b>Semi-Volatile Organic Compounds</b>														
Butyl benzyl phthalate	5	50	10%	µg/kg	24	150 J	74.39	NA	4.70E+10	3.60E+07	No	239	No	NA
Caprolactam	2	38	5%	µg/kg	300	2,300	279	NA	6.70E+08	5.30E+07	No	NA	NA	NA
Carbazole	5	50	10%	µg/kg	11 JQ	62 JQ	44.2	NA	6.20E+07	5.30E+05	No	80,000 <sup>(e)</sup>	No	NA
Dibenzo(a,h)anthracene	1	50	2%	µg/kg	48 JQ	48 JQ	48	NA	NA	2.00E+03	No	18,400	No	NA
Dibenzofuran	4	50	8%	µg/kg	13 JQ	25 J	17.0	1.30E+05	6.70E+06	NA	No	6100	No	NA
Diethyl phthalate	1	50	2%	µg/kg	18	18	18	NA	3.30E+09	1.70E+08	No	24,800	No	NA
Phenol	1	50	2%	µg/kg	250 JQ	250 JQ	217	NA	4.00E+10	4.00E+07	No	120,000	No	NA
<b>Pesticides</b>														
<b>Chlordane (technical)</b>	2	38	5%	µg/kg	480	2,300	94.1	1.20E+06	3.10E+07	3.10E+04	No	224	<b>Yes</b>	2
Endosulfan II <sup>(f)</sup>	1	50	2%	µg/kg	2.6 J	2.6 J	2.60	NA	NA	1.40E+06	No	119	No	NA
Endosulfan sulfate	1	50	2%	µg/kg	7.7 J	7.7 J	3.70	NA	NA	NA	NA	35.8	No	NA
<b>Endrin</b>	4	49	8%	µg/kg	0.64 J	33	2.93	NA	NA	6.50E+04	No	10.1	<b>Yes</b>	2
Endrin ketone	4	50	8%	µg/kg	2.7 JQ	26 JQ	4.18	NA	NA	NA	NA	NA	NA	NA
<b>Toxaphene</b>	1	50	2%	µg/kg	1,700	1,700	90.3	NA	9.70E+06	2.00E+04	No	119	<b>Yes</b>	1

**Notes:**

Constituents in **bold** were eliminated during the Tier 1 screening due to low frequency of detection ( $\leq 10\%$ ), but have one or more detected concentrations greater than Tier 1 human health and/or ecological screening levels.

(a) Includes detected constituents in soil eliminated due to low frequency of detection ( $\leq 10\%$ ).

(b) Arithmetic Mean/Kaplan-Meier (KM) Mean calculated using USEPA's statistical program ProUCL (Version 5.0).

(c) Michigan Department of Environmental Quality, 2013. Table 2. Soil: Residential Part 201 Generic Cleanup Criteria and Screening Levels/Part 213 Risk-Based Screening Levels. December 30, 2013.

(d) USEPA, 2003. USEPA Region 5 RCRA Ecological Screening Levels. August 22, 2003.

(e) USEPA Region 5 RCRA screening level not available; Los Alamos National Laboratory (LANL) No Observed Adverse Effects Level (NOAEL)-based ecological screening level (ESL) value for mammals. LANL ECORISK Database Release 3.1 (October 2012). <http://www.lanl.gov/community-environment/environmental-stewardship/protection/eco-risk-assessment.php>.

(f) Value for Endosulfan.

FOD = Frequency of Detection

MDC = Maximum Detected Concentration

mg/kg = milligram per kilogram

µg/kg = microgram per kilogram

> = greater than

**Data Flags:**

JQ = The reported concentration is between the limit of quantitation/reporting limit and method detection limit and is considered an estimated value.

J = Value is estimated

Prepared By/Date: NSR 12/9/14

Checked By/Date: SAG 12/10/14

**TABLE E-3**  
**Comparison of Non-Detect Non-PCB Constituent Detection Limits in Sediment to Tier 1 Screening Levels**  
**Area-Wide Non-PCB Constituent Screening Evaluation**  
(Constituents in bold have detection limits greater than the human health and/or ecological sediment screening levels)

Constituent	Number of Detects	Number of Samples	Units	Sediment Minimum Detection Limit	Sediment Maximum Detection Limit	Tier 1 Human Health Screening Levels <sup>(a)</sup>			Detection Limits Below Lowest Human Health Screening Level? (Yes/No)	Tier 1 Ecological Sediment Screening Level - USEPA Region 5 <sup>(b)</sup>	Detection Limits Below Ecological Sediment Screening Level? (Yes/No)
						Michigan Volatile Soil Inhalation Screening Level	Michigan Particulate Soil Inhalation Screening Level	Michigan Direct Contact Screening Level			
<u>Inorganics/Metals</u>											
Cyanide	0	12	µg/kg	0.62	790	NA	2.50E+02	1.20E+04	Yes	0.1	No
Thallium	0	42	mg/kg	1.2	13.7	NA	1.30E+04	3.50E+01	Yes	NA	NA
<u>Volatile Organic Compounds</u>											
1,1,1-Trichloroethane	0	63	µg/kg	4.4	130	3.80E+06	6.70E+10	5.00E+08	Yes	213	Yes
1,1,2,2-Tetrachloroethane	0	62	µg/kg	4.4	130	1.00E+04	5.40E+07	5.30E+04	Yes	850	Yes
1,1,2-Trichloroethane	0	63	µg/kg	4.4	130	1.70E+04	1.90E+08	1.80E+05	Yes	518	Yes
1,1-Dichloroethane	0	69	µg/kg	4.4	130	2.10E+06	3.30E+10	2.70E+07	Yes	0.575	No
1,1-Dichloroethene	0	70	µg/kg	4.4	130	1.10E+03	6.20E+07	2.00E+05	Yes	19.4	Yes
1,2,3-Trichlorobenzene	0	40	µg/kg	4.4	59	NA	NA	NA	NA	140	(c) Yes
1,2,4,5-Tetrachlorobenzene	0	30	µg/kg	190	2400	2.30E+05	6.70E+07	7.70E+07	Yes	1252	Yes
1,2,4-Trichlorobenzene	0	53	µg/kg	4.4	2900	2.80E+07	2.50E+10	9.90E+05	Yes	5062	Yes
1,2-Dibromo-3-Chloropropane	0	40	µg/kg	4.4	59	NA	NA	NA	NA	NA	NA
1,2-Dibromoethane (Ethylene dibromide)	0	51	µg/kg	4.4	59	NA	NA	NA	NA	NA	NA
1,2-Dichlorobenzene	0	52	µg/kg	4.4	2900	3.90E+07	1.00E+11	1.90E+07	Yes	294	Yes
1,2-Dichloroethane	0	69	µg/kg	4.4	130	6.20E+03	1.20E+08	9.10E+04	Yes	260	Yes
1,2-Dichloroethene (Total)	0	12	µg/kg	11	130	NA	NA	NA	NA	210	(c) Yes
1,2-Dichloropropane	0	63	µg/kg	4.4	130	2.50E+04	2.70E+08	1.40E+05	Yes	333	Yes
1,3-Dichlorobenzene	0	52	µg/kg	4.4	2900	7.90E+04	2.00E+08	2.00E+05	Yes	1315	Yes
2-Hexanone	0	63	µg/kg	4.4	130	1.10E+06	2.70E+09	3.20E+07	Yes	58.2	Yes
Acetophenone	0	30	µg/kg	190	2400	4.40E+07	3.30E+10	4.70E+07	Yes	NA	NA
Bromodichloromethane (Dichlorobromomethane)	0	63	µg/kg	4.4	130	9.10E+03	8.40E+07	1.10E+05	Yes	NA	NA
Bromoform (Tribromomethane)	0	53	µg/kg	4.4	130	9.00E+05	2.80E+09	8.20E+05	Yes	492	Yes
Bromomethane (Methyl bromide)	0	69	µg/kg	4.4	130	1.10E+04	3.30E+08	3.20E+05	Yes	1.37	No
Caprolactam	0	30	µg/kg	190	2400	NA	6.70E+08	5.30E+07	Yes	NA	NA
Carbon tetrachloride	0	63	µg/kg	4.4	130	3.50E+03	1.30E+08	9.60E+04	Yes	1450	Yes
Chlorobromomethane (Bromochloromethane)	0	57	µg/kg	4.4	59	NA	NA	NA	NA	NA	NA
Chlorodibromomethane (Dibromochloromethane)	0	63	µg/kg	4.4	130	2.40E+04	1.30E+08	1.10E+05	Yes	NA	NA
Chloroethane	0	69	µg/kg	4.4	130	3.00E+07	6.70E+11	2.60E+06	Yes	NA	NA
Chloroform	0	70	µg/kg	4.4	130	4.50E+04	1.30E+09	1.20E+06	Yes	121	Yes
Chloromethane (Methyl chloride)	0	69	µg/kg	4.4	130	4.00E+04	4.90E+09	1.60E+06	Yes	NA	NA
cis-1,2-Dichloroethene	0	57	µg/kg	4.4	59	NA	2.30E+09	2.50E+06	Yes	NA	NA
cis-1,3-Dichloropropene	0	63	µg/kg	4.4	130	NA	7.80E+08	1.00E+04	Yes	0.025	(c) No
Dichlorodifluoromethane	0	57	µg/kg	4.4	59	5.30E+07	3.30E+12	5.20E+07	Yes	NA	NA
Freon-113 (1,1,2-trichloro-1,2,2-trifluoroethane)	0	57	µg/kg	4.4	59	1.80E+08	5.10E+12	1.00E+09	Yes	NA	NA
Hexachloroethane	0	42	µg/kg	190	2900	5.50E+05	2.30E+08	2.30E+05	Yes	584	Yes
Isopropylbenzene (Cumene)	0	50	µg/kg	4.4	59	1.70E+06	5.80E+09	2.50E+07	Yes	86	(f) Yes
Methyl acetate	0	21	µg/kg	5.2	17	NA	NA	NA	NA	NA	NA
Methyl isobutyl ketone (4-Methyl-2-pentanone)	0	63	µg/kg	4.4	130	4.50E+07	1.40E+11	5.60E+07	Yes	25.1	Yes

**TABLE E-3**  
**Comparison of Non-Detect Non-PCB Constituent Detection Limits in Sediment to Tier 1 Screening Levels**  
**Area-Wide Non-PCB Constituent Screening Evaluation**  
**(Constituents in bold have detection limits greater than the human health and/or ecological sediment screening levels)**

Constituent	Number of Detects	Number of Samples	Units	Sediment Minimum Detection Limit	Sediment Maximum Detection Limit	Tier 1 Human Health Screening Levels <sup>(a)</sup>			Detection Limits Below Lowest Human Health Screening Level? (Yes/No)	Tier 1 Ecological Sediment Screening Level - USEPA Region 5 <sup>(b)</sup>	Detection Limits Below Ecological Sediment Screening Level? (Yes/No)
						Michigan Volatile Soil Inhalation Screening Level	Michigan Particulate Soil Inhalation Screening Level	Michigan Direct Contact Screening Level			
Methyl tertiary butyl ether (MTBE)	0	57	µg/kg	4.4	59	2.50E+07	2.00E+11	1.50E+06	Yes	NA	NA
Methylcyclohexane	0	15	µg/kg	5.2	17	NA	NA	NA	NA	NA	NA
o-Xylene	0	14	µg/kg	5.2	17	4.60E+07	2.90E+11	4.10E+08	Yes	433 (h)	Yes
Styrene	0	63	µg/kg	4.4	130	9.70E+05	5.50E+09	4.00E+05	Yes	254	Yes
trans-1,2-Dichloroethene	0	57	µg/kg	4.4	59	2.80E+05	4.70E+09	3.80E+06	Yes	654	Yes
<b>trans-1,3-Dichloropropene</b>	0	63	µg/kg	4.4	130	1.80E+04	7.80E+08	1.00E+04	Yes	0.025 (i)	<b>No</b>
Trichlorofluoromethane	0	57	µg/kg	4.4	59	9.20E+07	3.80E+12	7.90E+07	Yes	NA	NA
Vinyl Chloride	0	69	µg/kg	4.4	130	4.20E+03	3.50E+08	3.80E+03	Yes	202	Yes
Xylenes, Total	0	48	µg/kg	4.4	130	4.60E+07	2.90E+11	4.10E+08	Yes	433	Yes
<u>Semi-Volatile Organic Compounds</u>											
2,2'-Oxybis(1-Chloropropane)	0	1	µg/kg	420	420	NA	NA	NA	NA	NA	NA
<b>2,3,4,6-Tetrachlorophenol</b>	0	23	µg/kg	190	870	NA	NA	NA	NA	129	<b>No</b>
2,4,5-Trichlorophenol	0	42	µg/kg	190	7300	NA	2.30E+10	2.30E+07	Yes	290 (c)	Yes
2,4,6-Trichlorophenol	0	42	µg/kg	190	2900	NA	1.00E+09	7.10E+05	Yes	208	Yes
<b>2,4-Dichlorophenol</b>	0	42	µg/kg	190	2900	NA	5.10E+09	6.60E+05	Yes	81.7	<b>No</b>
<b>2,4-Dinitrophenol</b>	0	42	µg/kg	370	7300	NA	NA	NA	NA	6.21	<b>No</b>
<b>2,4-Dinitrotoluene</b>	0	42	µg/kg	190	2900	NA	1.60E+07	4.80E+04	Yes	14.4	<b>No</b>
<b>2,6-Dinitrotoluene</b>	0	42	µg/kg	190	2900	NA	NA	NA	NA	39.8	<b>No</b>
2-Chloronaphthalene	0	42	µg/kg	190	2900	NA	NA	5.60E+07	Yes	417	Yes
<b>2-Chlorophenol</b>	0	42	µg/kg	190	2900	9.60E+05	1.20E+09	1.40E+06	Yes	31.9	<b>No</b>
2-Nitroaniline	0	42	µg/kg	370	7300	NA	NA	NA	NA	NA	NA
2-Nitrophenol	0	42	µg/kg	190	2900	NA	NA	6.30E+05	Yes	NA	NA
<b>3,3'-Dichlorobenzidine</b>	0	42	µg/kg	190	2900	NA	6.50E+06	6.60E+03	Yes	127	<b>No</b>
<b>3+4-Methylphenol (m,p-Cresol) <sup>(d)</sup></b>	0	8	µg/kg	750	4900	NA	6.70E+09	1.10E+07	Yes	20.2 (e)	<b>No</b>
3-Nitroaniline	0	43	µg/kg	370	7300	NA	NA	NA	NA	NA	NA
4,6-Dinitro-2-Methylphenol	0	42	µg/kg	370	7300	NA	1.30E+08	7.90E+04	Yes	NA	NA
4-Bromophenyl phenyl ether	0	42	µg/kg	190	2900	NA	NA	NA	NA	1550	Yes
<b>4-Chloroaniline</b>	0	42	µg/kg	190	2900	NA	NA	NA	NA	146	<b>No</b>
4-Chlorophenyl phenyl ether	0	42	µg/kg	190	2900	NA	NA	NA	NA	NA	NA
4-Nitroaniline	0	42	µg/kg	370	7300	NA	NA	NA	NA	NA	NA
<b>4-Nitrophenol</b>	0	44	µg/kg	370	7300	NA	NA	NA	NA	13.3	<b>No</b>
bis(2-Chloroethoxy)methane	0	42	µg/kg	190	2900	NA	NA	NA	NA	NA	NA
bis(2-Chloroethyl)ether	0	42	µg/kg	190	2900	3.80E+03	9.40E+06	1.30E+04	Yes	3520	Yes
bis(2-Chloroisopropyl)ether	0	42	µg/kg	190	2900	NA	NA	NA	NA	NA	NA
Diethyl phthalate	0	42	µg/kg	190	2900	NA	3.30E+09	1.70E+08	Yes	295	Yes
<b>Hexachlorobenzene</b>	0	42	µg/kg	190	2900	1.70E+04	6.80E+06	8.90E+03	Yes	20	<b>No</b>
<b>Hexachlorobutadiene</b>	0	42	µg/kg	190	2900	1.30E+05	1.40E+08	1.00E+05	Yes	26.5	<b>No</b>
Hexachlorocyclopentadiene	0	42	µg/kg	190	2900	5.00E+04	1.30E+07	2.30E+06	Yes	901	Yes
Isophorone	0	42	µg/kg	190	2900	NA	1.20E+10	4.80E+06	Yes	432	Yes

**TABLE E-3**  
**Comparison of Non-Detect Non-PCB Constituent Detection Limits in Sediment to Tier 1 Screening Levels**  
**Area-Wide Non-PCB Constituent Screening Evaluation**  
**(Constituents in bold have detection limits greater than the human health and/or ecological sediment screening levels)**

Constituent	Number of Detects	Number of Samples	Units	Sediment Minimum Detection Limit	Sediment Maximum Detection Limit	Tier 1 Human Health Screening Levels <sup>(a)</sup>			Detection Limits Below Lowest Human Health Screening Level? (Yes/No)	Tier 1 Ecological Sediment Screening Level - USEPA Region 5 <sup>(b)</sup>	Detection Limits Below Ecological Sediment Screening Level? (Yes/No)
						Michigan Volatile Soil Inhalation Screening Level	Michigan Particulate Soil Inhalation Screening Level	Michigan Direct Contact Screening Level			
<b>Nitrobenzene</b>	0	42	µg/kg	190	2900	5.40E+04	4.70E+07	1.00E+05	Yes	145	<b>No</b>
N-Nitrosodi-n-propylamine	0	42	µg/kg	190	2900	NA	1.60E+06	1.20E+03	Yes	NA	NA
N-Nitrosodiphenylamine	0	42	µg/kg	190	2900	NA	2.20E+09	1.70E+06	Yes	2,680 (f)	Yes
Pentachlorophenol	0	42	µg/kg	370	7300	NA	1.00E+08	9.00E+04	Yes	23,000	Yes
<b>Pesticides</b>											
Aldrin	0	42	µg/kg	1.8	83	5.80E+04	6.40E+05	1.00E+03	Yes	2	Yes
<b>Atrazine</b>	0	30	µg/kg	190	2400	NA	NA	7.10E+04	Yes	6.62 (f)	<b>No</b>
<b>Chlordane (technical)</b>	0	8	µg/kg	18	830	1.20E+06	3.10E+07	3.10E+04	Yes	3.24	<b>No</b>
<b>Endosulfan II<sup>(g)</sup></b>	0	40	µg/kg	3.6	160	NA	NA	1.40E+06	Yes	1.94	<b>No</b>
<b>Toxaphene</b>	0	42	µg/kg	180	8300	NA	9.70E+06	2.00E+04	Yes	0.077	<b>No</b>

Prepared By/Date: RRP 11/25/14  
Checked By/Date: NSR 12/1/14

**Notes:**

Human health soil screening levels used for sediment because sediment screening levels for human health are not available.

(a) Michigan Department of Environmental Quality, 2013. Table 2. Soil: Residential Part 201 Generic Cleanup Criteria and Screening Levels/Part 213 Risk-Based Screening Levels. December 30, 2013.

(b) USEPA, 2003. USEPA Region 5 RCRA Ecological Screening Levels. August 22, 2003.

(c) USEPA Region 5 RCRA screening level not available; Value is Threshold Effects Based ecological screening value (ESV) - equilibrium partitioning (EqP) value from NPS, 2014. NPS, 2014. NPS Protocol for the Selection and Use of Ecological Screening Values for Non-radiological Analytes, Revision 1. National Park Service Environmental Compliance and Response Branch Contaminated Sites Program. January 13, 2014.

(d) Human health screening levels are for methylphenols.

(e) Value for lowest of m- or p-cresol.

(f) USEPA Region 5 RCRA screening level not available; Value is USEPA Region III BTAG Freshwater Sediment Screening Benchmark. USEPA, 2006. USEPA Region III BTAG Freshwater Sediment Screening Benchmarks. August 2006. [http://www.epa.gov/reg3hscd/risk/eco/btag/sbv/twsed/R3\\_BTAG\\_FW\\_Sediment\\_Benchmarks\\_8-06.pdf](http://www.epa.gov/reg3hscd/risk/eco/btag/sbv/twsed/R3_BTAG_FW_Sediment_Benchmarks_8-06.pdf).

(g) Value for endosulfan which is applicable to all isomers of endosulfan.

(h) Value for total xylenes.

(i) USEPA Region 5 RCRA screening level not available; Value is Assessment and Remediation of Contaminated Sediments (ARCS) Threshold Effect Level (TEL) from Ingersoll et al. (1996). Ingersoll, C.G., P.S. Haverland, E.L. Brunson, T.J. Canfield, F.J. Dwyer, C.E. Henke, N.E. Kemble, and D.R. Mount, 1996. *Calculation and evaluation of sediment effect concentrations for the amphipod Hyalella azteca and the midge Chironomus riparius*. National Biological Service Final Report for the U.S. Environmental Protection Agency, Great Lakes National Program Office, Assessment and Remediation of Contaminated Sediment (ARCS) Project. EPA/905/R-96/008. September 1996.

NA = Not available

µg/kg = micrograms per kilogram

mg/kg = milligrams per kilogram

**TABLE E-4**  
**Tier 1 Evaluation - Step 2**  
**Comparison of Eliminated Non-PCB Constituents in Sediment Based on Frequency of Detection to Tier 1 Human Health and Ecological Screening Levels**  
**Area-Wide Non-PCB Constituent Screening Evaluation**

(Constituents in bold were eliminated during the Tier 1 screening due to low frequency of detection ( $\leq 10\%$ ), but have one or more detected concentrations greater than Tier 1 human health and/or ecological screening levels)

Constituent <sup>(a)</sup>	Number of Detects	Number of Samples	Frequency of Detection (FOD)	Units	Minimum Detected Concentration	Maximum Detected Concentration (MDC)	Arithmetic Mean /Kaplan Meier Mean Concentration <sup>(b)</sup>	Tier 1 Human Health Screening Levels <sup>(c)</sup>			MDC > Lowest Tier 1 Human Health Screening Level? (Yes/No)	Tier 1 Ecological Soil Screening Level-USEPA Region 5 <sup>(d)</sup>	MDC > Tier 1 Ecological Screening Level? (Yes/No)	Number of Detections > Ecological Screening Level?
								Michigan Volatile Soil Inhalation Screening Level	Michigan Particulate Soil Inhalation Screening Level	Michigan Direct Contact Screening Level				
Volatile Organic Compounds														
1,4-Dichlorobenzene	1	52	2%	µg/kg	0.95 J	0.95 J	0.95	7.70E+04	4.50E+08	4.00E+05	No	318	No	NA
Benzene	5	65	8%	µg/kg	2 J	5.7 J	3.02	1.30E+04	3.80E+08	1.80E+05	No	142	No	NA
Chlorobenzene	3	63	5%	µg/kg	4 J	15 J	4.22	7.70E+05	4.70E+09	4.30E+06	No	291	No	NA
Cyclohexane	1	16	6%	µg/kg	13 J	13 J	5.8	NA	NA	NA	NA	NA	NA	NA
Ethylbenzene	2	63	3%	µg/kg	0.12 J	0.27 J	0.195	7.20E+05	1.00E+10	2.20E+07	No	175	No	NA
Tetrachloroethene (PCE)	4	63	6%	µg/kg	1 J	3 J	2	1.70E+05	2.70E+09	2.00E+05	No	990	No	NA
Trichloroethene (TCE)	5	63	8%	µg/kg	4 J	14 J	4.58	1.10E+04	1.30E+08	1.10E+05	No	112	No	NA
Semi-Volatile Organic Compounds														
2,4-Dimethylphenol	1	43	2%	µg/kg	800 J	800 J	207	NA	4.70E+09	1.10E+07	No	304	Yes	1
4-Chloro-3-Methylphenol	1	42	2%	µg/kg	52	52	52	NA	NA	4.50E+06	NA	388	No	NA
Decachlorobiphenyl	11	156	7%	µg/kg	4.8	22	1.92	NA	NA	NA	NA	NA	NA	NA
Dimethyl phthalate	3	42	7%	µg/kg	56 J	250 J	96.6	NA	3.30E+09	1.00E+09	No	NA	NA	NA
Di-n-butyl phthalate	4	42	10%	µg/kg	30 J	770	61.4	NA	3.30E+09	2.70E+07	No	1114	No	NA
Pesticides														
alpha-BHC	3	42	7%	µg/kg	1.7 J	7.2	1.96	1.20E+04	1.70E+06	2.60E+03	No	6	Yes	1
beta-BHC	3	33	9%	µg/kg	2.6 JN	11 J	2.28	NA	5.90E+06	5.40E+03	No	5	Yes	1
Endosulfan sulfate	3	38	8%	µg/kg	0.44 J	4.5	1.02	NA	NA	NA	NA	34.6	No	NA
gamma-BHC (Lindane)	2	37	5%	µg/kg	2.4 J	26 JN	2.53	NA	NA	8.30E+03	No	2.37	Yes	1
Methoxychlor	2	42	5%	µg/kg	24 JN	36 J	19.0	NA	NA	1.90E+06	No	13.6	NA	NA

Prepared By/Date: SAG 12/11/14  
CHECKED BY/DATE: MKB 12/11/14

**Notes:**

(a) Includes detected constituents in sediment eliminated due to low frequency of detection ( $\leq 10\%$ ).

(b) Arithmetic Mean/Kaplan-Meier (KM) Mean calculated using USEPA's statistical program ProUCL (Version 5.0).

(c) Sediment screening values for human health are not available; soil screening values used. Michigan Department of Environmental Quality, 2013. Table 2. Soil: Residential Part 201 Generic Cleanup Criteria and Screening Levels/Part 213 Risk-Based Screening Levels. December 30, 2013.

(d) USEPA, 2003. USEPA Region 5 RCRA Ecological Screening Levels. August 22, 2003.

FOD = Frequency of Detection

MDC = Maximum Detected Concentration

µg/kg = microgram per kilogram

> = greater than

NA = Not available

**Data Flags:**

J = Value is estimated

N = Presumptive evidence of presence of material (tentative identification)

## **APPENDIX F**

### **SOURCE CONSIDERATIONS FOR SOIL AND SEDIMENT**

## APPENDIX F

### 1.0 SOURCE CONSIDERATIONS FOR SOIL AND SEDIMENT

This document discusses the approach and results of the non-PCB data screening that was conducted to identify non-PCB constituents that may be COIs for the Site. Potential sources for the non-PCB constituents identified as primary COIs and/or secondary COIs are discussed below. Source consideration is presented for informational purposes and is not an elimination step of the screening process.

#### 1.1 SOIL

The following non-PCB constituents were identified as soil primary COIs or secondary COIs in the screening evaluation:

<u>Soil Primary COIs</u>	<u>Soil Secondary COIs</u>
Lead	Arsenic
Mercury	Cadmium
BEHP	Chromium
DNBP	Copper
TCDD TEQ	Manganese
	Selenium
	Vanadium
	Zinc
	4,4'-DDT
	Dieldrin

As an urban industrialized waterway, the Kalamazoo River has been the receiving water for many chemicals from municipal, industrial, and agricultural sources for more than a century. In recent decades, source controls and water quality improvement activities have improved conditions in the Kalamazoo River. The concentrations of commonly detected constituents such as inorganic compounds, pesticides, and dioxins/furans associated with developed industrial and urban areas will remain at detectable levels even after cleanup of the Kalamazoo River is completed. In addition, common constituents may continue to be present at concentrations in soil, sediment, and fish that exceed risk-based screening values and State recommended cleanup goals.

Paper residuals are one potential source of the non-PCB constituents among others. As discussed in the Area 1 SRI Report (ARCADIS 2012), the major source of PCBs to the paper and pulp industry was recycled carbonless copy paper manufactured from 1957 to 1971. Production of this product ceased in June 1971, but recycling continued.

Carbonless copy paper (CCP) generally required deinking before reuse of the paper (cellulose) fiber at recycle paper mills. The extent of the deinking and several other process variables

varied, depending on the product qualities desired (i.e., white or natural or colored paper). In the paper recycling process, the cellulose fibers are separated, which resulted in the release of PCBs and potentially other constituents present in the recycled paper that were held within the paper web. The PCBs and other constituents were distributed between the fibers and water within the recycle process so that two categories of waste streams potentially carrying non-PCB constituents were produced, solids and water. Thus, constituents, including PCBs and other recycled paper constituents in the waste stream, were primarily associated with the waste solids (Carr et al. 1977). Waste treatment systems (clarifiers) at deinking (recycling) mills retained some waste solids; however, depending on the type of paper being produced, waste liquids and solids (clarifier overflow and underflow) were sometimes recycled back through the manufacturing process to recover solids and reduce fresh water use. Underflow from the clarifiers was pumped to sludge dewatering lagoons and sludge presses. Then, dewatered solids from the lagoons were periodically excavated and taken to various landfills in the area (Blasland, Bouck & Lee, Inc. [BB&L] 1996).

Several deinking mills operated along the Kalamazoo River. The Simpson Plainwell Mill operated the deinking process between 1957 and 1962. Allied's Bryant Mill reportedly used the process between 1957 and 1971. Deinking occurred at the King Mill until 1965 (BB&L 1994; 1995). The former Kalamazoo Mill owned by Georgia-Pacific deinked waste paper starting in the 1950s. By the mid-1960s, wastewaters from these mills were discharged to the City of Kalamazoo wastewater treatment plant for further treatment (BB&L 1996), greatly reducing the potential for discharges of contaminants to surface water. Dioxins/furans have been detected in discharges from paper mills using chlorine, sulfites, and other oxidative processes in wastewater treatment, recycling paper, and on-site combustion of paper wastes. Data collected from secondary fiber mills indicated detectable levels of TCDD in the effluents of 2 of 12 mills and detectable levels of TCDF in the effluents of 4 of the 7 mills based on monitoring data (USEPA, 1993). Berry et al. (1993) and Rappe et al. (1990) indicated that paper and paperboard products can accumulate dioxins/furans during the life cycle of those products.

Several other non-paper making sources of PCBs in the watershed have been documented (as noted in the Area 1 SRI Report (ARCADIS 2012)). Just as with PCBs, there are other potential sources of inorganic and organic compounds, pesticides, and dioxins/furans separate from the paper and pulp industry.

### **1.1.1 Sources of Inorganic Compounds**

Many inorganic compounds are naturally occurring in soils and sediment and/or are commonly associated with anthropogenic sources. As a result, these compounds may enter the Kalamazoo River by multiple transport pathways, including atmospheric sources. Potential common sources of the inorganic compounds retained as primary COIs and secondary COIs – arsenic, cadmium, chromium, copper, lead, manganese, mercury, selenium, vanadium, and zinc – are discussed below. These inorganic constituents can be found at naturally occurring levels



in soils and may also be associated with a variety of activities or sources that often occur within an urban industrialized watershed.

- Metal recycling operations may be sources of metals and other contaminants. Metal recycling occurs at recycling centers in the watershed, including some that are near the Kalamazoo River.
- Ancient glaciers that once covered Michigan are hypothesized to have carried a variety of rock from widely scattered geological locations across the State as these glaciers drifted from the northern portion to the southern portion of the State. For example, outcroppings of copper and iron formations of the Upper Peninsula have been found in southwestern Michigan (Kelley 1960). Drift materials (i.e., those of glacial origin) cover the ancient bedrock formations in Michigan with an average of 200 to 300 feet of material (Kelley 1960). The glacial drift of inorganic materials may have created elevated pockets of inorganic material across the State.
- Allegan County is a leading national producer of industrial/construction grade sand and gravel (USGS 2003). Sand and gravel is mined in open pits, and aggregate of these materials is used as road base and coverings, concrete, fill (to fill in low spots), asphalt, snow and ice control, and concrete products. Road usage of sand in winter is becoming more popular, as concerns about salt and the environment increase. Excavation of gravel pits and surface runoff of sand used for ice control on roads can impact levels of inorganics in surface water and soil in low lying areas.
- Arsenic occurs naturally in soil and is associated with various minerals including, copper and lead ore (ATSDR 2007a), iron ore, and sulfides (Thomas 2003). Many of these associated chemicals are associated with glacial drift materials. Arsenic-bearing compounds were predominantly used in the past as pesticides, primarily on cotton fields and in orchards. Presently, about 90 percent of all arsenic produced is used as a preservative for wood to make it resistant to rotting and decay. The preservative is copper chromated arsenate (CCA) and the treated wood is referred to as "pressure-treated." In 2003, U.S. manufacturers of wood preservatives containing arsenic began a voluntary transition from CCA to other wood preservatives that do not contain arsenic in wood products for certain residential uses, such as play structures, picnic tables, decks, fencing, and boardwalks; however, wood treated prior to this date could still be used and existing structures made with CCA-treated wood may still be present (ATSDR 2007a).
- Cadmium is a metal found in the earth's crust associated with zinc, lead, and copper ores. Most cadmium used in the United States is extracted as a byproduct during the production of other metals such as zinc, lead, or copper. Cadmium is also recovered from used batteries. Cadmium is emitted to soil, water, and air by non-ferrous metal mining and refining, manufacture and application of phosphate fertilizers, fossil fuel combustion, and waste incineration and disposal (ATSDR 2012a).
- Chromium is a naturally occurring element that can be found in rocks and soil and may take a variety of forms. Chromium (III) occurs naturally in the environment. Chromium (VI) and the metal chromium, chromium (0), are generally produced from anthropogenic sources. Chromium is widely used in manufacturing processes to make various metal alloys, such as stainless steel, and is used for chrome plating,

dyes and pigments, leather tanning, and wood preserving (ATSDR 2012b). Chromium is also released into the environment from the burning of natural gas, oil, or coal. Major anthropogenic sources of chromium releases include the following: electroplating, leather tanning, and textile industries to surface waters; disposal of chromium-containing commercial products and coal ash from electric utilities and other industries to soil; and improper landfill disposal of solid waste and slag produced during chromate manufacturing processes to soil, surface water, and/or groundwater (ATSDR 2012b).

- Copper is a naturally occurring element; however, copper is found throughout the environment due to anthropogenic sources. Copper is primarily used as the metal or alloy (e.g., brass, bronze, gun metal) in the manufacture of wire, sheet metal, pipe, and other metal products. Copper compounds are also commonly used in agriculture to treat plant diseases, for water treatment (including use as an algaecide), and as a preservative for wood, leather, and fabric. Mining of copper and other metals, copper smelters, and ore processing facilities are significant contributors of anthropogenic releases of copper into the environment (ATSDR 2004). Other anthropogenic sources of copper include waste dumps, domestic waste water, combustion of fossil fuels and wastes, wood production, and phosphate fertilizer production (ATSDR 2004). Copper is often found at elevated concentrations in soil near mines, smelters, industrial settings, landfills, and waste disposal sites as a result of dust settling from these industries or land-based waste disposal from mining and other copper industries (ATSDR 2004). Land-based disposal of sludge from sewage treatment plants is another common source of copper in soil (ATSDR 2004). Natural sources include atmospheric deposition, windblown dust, volcanoes, decaying vegetation, forest fires, and sea spray.
- Michigan has had a long history of being a major copper producing State, and although the highest concentration of copper ore deposits in the State are in the western portion of the upper peninsula, rock specimens from copper and iron formations of the Upper Peninsula are found in southwestern Michigan (Kelley 1960). These specimens are hypothesized to be the result of glacial drift across the State which carried rock from widely scattered geographic areas in the northern portion of the state southward across the State and deposited mineral outcrops.
- Lead is a naturally occurring element; however, lead is found throughout the environment due to anthropogenic sources. Atmospheric deposition is the largest source of lead found in soils and sediments, which are sinks for lead. Lead was historically associated with use as a gasoline additive, as a pigment in paints and dyes, and as a pesticide. Lead has been used in the production of ammunition (including bullets and shot), fishing sinkers, batteries, and metal products (solder and pipes). Due to lead's persistence in the environment and its toxicity, many anthropogenic sources have either been eliminated or highly regulated. Other anthropogenic sources of lead include the mining and smelting of ore, burning of coal and oil, and waste incineration. As past uses of lead (i.e., as a gasoline additive) are a major contributor to lead in soil, higher levels of lead are often found near sources such as roadways (ATSDR 2007b), freeways, and filling stations, of which there are many examples in the Kalamazoo River watershed. Two large freeway systems cross the watershed.

- Manganese is a naturally occurring substance found in many types of rocks and soil that does not occur in the environment as a pure metal. Rather, manganese occurs combined with other substances such as oxygen, sulfur, and chlorine. Manganese is a trace element and is necessary for good health. Manganese is used principally in steel production to improve hardness, stiffness, and strength, as well as in carbon steel, stainless steel, high-temperature steel, and tool steel, along with cast iron and superalloys. Manganese is also used in a wide variety of other products, including batteries, fertilizer, paints, and as an additive to gasoline to improve the octane rating of the gasoline (ATSDR 2012c).
- Mercury is a naturally occurring element in the environment in elemental, inorganic, and organic forms and is predominantly found in the form of metallic mercury and inorganic mercury compounds in the environment. Most soil mercury is Hg (II). Mercury is released from a variety of anthropogenic and natural sources. Anthropogenic sources of mercury to the atmosphere include coal-fired utility boilers, municipal waste combustion, commercial/industrial boilers, and medical waste incinerators. To a lesser extent, releases to soil and/or water occur from fertilizers, fungicides, solid waste disposal, and industrial wastewater from chlor-alkali production, mining operations, electroplating, leather tanning, pharmaceutical production, pulp and paper mills, and chemical, ink, and textile manufacturing (ATSDR 1999).
- Selenium is a naturally occurring, solid substance that is widely, but unevenly distributed in the earth's crust. Selenium is also commonly found in rocks and soil. Elemental selenium is commercially produced, primarily as a by-product of copper refining (ATSDR 2003). Selenium is not often found in the environment in its elemental form, but is usually combined with other substances (ATSDR 2003). Much of the selenium in rocks is combined with sulfide minerals or with silver, copper, lead, and nickel minerals.
- Vanadium is a naturally occurring element that typically combines with other elements and is found in rocks, some iron ores, and crude petroleum deposits. Vanadium is usually combined in industrial processes with other metals to produce alloys. Vanadium is primarily used to produce steel for automobile parts, springs, and ball bearings, but is also used in parts for aircraft engines. To a lesser extent, vanadium is used in making rubber, plastics, ceramics, superconductive magnets, and chemicals. Natural releases to water and soil are primarily due to rock weathering and soil erosion. Natural sources of atmospheric vanadium include continental dust, marine aerosol, and volcanic emissions. Atmospheric deposition of vanadium from the combustion of fossil fuels is the most significant anthropogenic source of vanadium. Anthropogenic sources also include leachates from mining tailings, vanadium-enriched slag heaps, municipal sewage sludge, and some fertilizers. However, natural releases to soil and water are much greater overall than anthropogenic releases to the atmosphere (ATSDR 2012d).
- Zinc is ubiquitous in the environment because it is one of the most common elements in the Earth's crust. Zinc combines with other elements to form zinc compounds, which are widely used in industry, including paints, ceramics, rubber, wood preservatives, fabric manufacturing and dyeing, and the drug industry (ATSDR 2005). Zinc metal is commonly used as a protective coating of other metals and is

also a component of various alloys (e.g., brass and bronze). Zinc metal dust is used as a catalyst in paint coatings. Zinc oxide is used in coated photocopy paper and zinc sulfate is used in paper bleaching (Goodwin 1998). The primary anthropogenic sources of zinc include mining, smelting of zinc, lead, and cadmium ores, steel production, coal burning, and burning of wastes (ATSDR 2005). Elevated concentrations of zinc in soil are primarily the result of land-based disposal of zinc wastes from metal manufacturing industries and coal ash from electric utilities, as well as sludge and fertilizer (ATSDR 2005).

Due to the number of potential sources of these inorganic constituents, the presence of these COIs within the Kalamazoo River environment is expected. They may be present in storm water, eroding soils, and atmospheric deposition entering the Kalamazoo River from point and non-point sources.

### **1.1.2 Sources of Organic Compounds**

Phthalates, such as BEHP and DNBP, are primarily used as plasticizers, which are substances commonly added to plastics to make them flexible, transparent, durable, and resilient. Phthalates are used primarily to soften polyvinyl chloride (PVC). Because phthalates are not a part of the chain of chemicals (polymers) that makes up plastics, phthalates can be released relatively easily from plastic products by extreme heat or strong solvents (ATSDR 2001). Phthalates are used in a wide range of common products, such as toothbrushes, automobile parts, tools, toys, and food packaging (ATSDR 2001). Phthalates are not naturally occurring substances in the environment. Phthalates are released to the environment during production and use and disposal at hazardous waste disposal sites or municipal landfills. The presence of organic solvents at hazardous waste sites may increase the solubility of phthalates, resulting in leaching of phthalates into soil and groundwater (ATSDR 2001). Phthalates do not persist in the environment due to rapid degradation in soil and sediment (ATSDR 2001).

### **1.1.3 Sources of Pesticides**

Pesticides, such as dieldrin and DDT, were commonly used in agricultural areas across the country.

- Dieldrin is an insecticide and a by-product of the pesticide aldrin. From 1950 to 1974, dieldrin was widely used to control insects on cotton, corn and citrus crops. Dieldrin was also used to control locusts and mosquitoes, as a wood preserve, and for termite control. Usually seen as a white or tan powder, most uses of dieldrin were banned in 1987, but may remain in the environment as a persistent chemical (USEPA 2011). Dieldrin is not a naturally occurring substance in the environment. Given the variety of land uses in the Kalamazoo River watershed, including agricultural use and the persistence of dieldrin in the environment, dieldrin may be present due to past application and uses in the surrounding areas. Releases to the environment may include runoff from previously treated soil or hazardous waste sites, improper disposal of old stocks, or atmospheric deposition (ATSDR 2002a).

- DDT is an organochlorine pesticide once widely used to control insects in agriculture and disease-carrying insects before being banned in the U.S. in 1972. DDT does not occur naturally in the environment. DDT in the environment is primarily the result of historical production and use, although DDT is still used in some countries primarily for malaria control (ATSDR 2002b). DDT is a persistent chemical and can be carried long distances in the atmosphere.

#### 1.1.4 Sources of Dioxins/Furans

While dioxin/furan compounds found within the Kalamazoo are potentially associated with paper residuals, dioxins and furans can arise from numerous anthropogenic sources. Major sources of dioxins/furans are fuel burning, metal refining, chlorine bleaching, municipal waste incineration, and chemical production (Hutzinger et al. 1985; Ballschmiter et al. 1986). While only trace levels of PCDFs are found in commercial PCB mixtures, very high temperatures (>300 degrees Celsius [ $^{\circ}\text{C}$ ]) or incomplete combustion of PCBs will increase these levels (Bowes et al. 1975; Buser 1985; Erickson et al. 1985). In the past, the production of chlorophenols and phenoxy herbicides was attributed to some localized high concentrations of dioxins on U.S. waterways. Pentachlorophenol (PCP) was a widely used fungicide in wood preservation, and certain PCPs manufactured in the United States contained polychlorinated dibenzo-p-dioxins (PCDDs) and polychlorinated dibenzo-p-furans (PCDFs) at concentrations as high as 1,000 mg/kg and 280 mg/kg, respectively (Rappe et al. 1978). Thus, dioxins/furans from PCP are the source of continuing remedial efforts at many sites across the United States and are also believed to contribute to background levels in soils (Rappe 1993).

Dioxins are formed as the result of combustion processes such as the burning of wood, coal, and oil (FDA 2008). The most significant airborne sources include waste incinerators, chemical tar burners, forest fires, wood-burning stoves, petroleum power plants, and diesel-burning vehicles (Fiedler 1996; Thomas and Spiro 1995; USEPA 2006). Additional sources include air emissions from cement kilns and wastewater releases from chlorine-bleached pulp and paper mills (Hutzinger et al. 1985; Ballschmiter et al. 1986; USEPA 2006). Paper recycling and secondary fiber mills are also reportedly sources of dioxins/furans (Rappe et al. 1990). However, several studies indicate that dioxins/furans concentrations in effluent from the paper recycling industry and secondary fiber mills (not using bleaching processes) contain lower concentrations of dioxins/furans than that found in paper mill wastes that use bleaching processes (Rappe et al. 1990, USEPA 1993, USEPA 2006). The contribution from forest and brush fires may be much higher than previously estimated and is becoming more significant to the global atmospheric load (Sheffield 1985). Burning of domestic refuse in backyard burn barrels is now considered to be the largest source of dioxin emissions to the U.S. environment (USEPA 2006). This region has contained a number of potential sources as listed above.

The levels of dioxins/furans measured in soil are expected to include contributions from background and anthropogenic combustion sources. Dioxins/furans are ubiquitous in environmental media and have been detected in urban, rural, and pristine soils throughout North

America (BC Environment 1995; USEPA 2001; Canadian Council of Ministers of the Environment [CCME] 2002; USEPA 2004; Washington State Department of Ecology [WADOE] 2011a; b). Without a known point source or specific anthropogenic contributor, ambient levels may still be at measurable concentrations because of forest fires and/or atmospheric deposition. Therefore, levels representative of background can vary considerably. The typical or “average background” level of dioxins in Michigan soils is less than 10 ng/kg TCDD TEQ (MDEQ 1999a).

Studies that include soils from remote areas generally conclude that typical soil levels are in the range of 0.2 ng/kg to 10 ng/kg. This range is based on several sources:

- In a review of available data, USEPA (2003) concluded that 9 ng/kg (TCDD TEQ) likely represented a reasonable estimate of the background concentration for areas of the United States not directly affected by industrial emissions.
- In a pilot study of rural soils in the United States (USEPA 2007), the TCDD TEQs ranged from 0.24 ng/kg to 11.49 ng/kg.
- A WADOE survey of state parks in remote areas found concentrations of dioxins soils ranging from 0.3 to 9.1 ng/kg (as TCDD TEQ) (WADOE 2011a).
- The CCME 2002 concluded that Canadian background levels of dioxin were approximately 4 ng/kg, and established a soil quality guideline based on this level. However, concentrations reported in “semi-rural” areas of Quebec were 10 ng/kg (TCDD TEQ) and ranged from non-detect to 99 ng/kg (CCME 2002, citing Trepanier 1992).

Fewer studies have characterized background concentrations in urban soils. These soils range from a concentration of 1.7 ng/kg to 110 ng/kg. This range is based on several sources.

- The WADOE conducted a study of residential areas of Seattle and found concentrations ranging from 1.7 to 110 ng/kg (TEQ), with a citywide average of 10 ng/kg (WADOE 2011b). This demonstrates that levels not attributable to a specific point source can be much higher than 10 ng/kg and even greater than 100 ng/kg.
- A University of Michigan (2008) dioxin exposure study reported a 95<sup>th</sup> percentile TCDD TEQ concentration of 9.4 ng/kg (median: 2 ng/kg, mean: 3.1 ng/kg, range: 0.2 to 18.5 ng/kg for 17 dioxin congeners excluding PCBs) in Jackson and Calhoun counties in Michigan in soils from 0-6 inches in depth. This study is based on 124 soil samples.
- Sampling of house perimeter soils (0-1 inches) in this study indicated 95<sup>th</sup> percentile concentrations of 12.2 ng/kg (median: 2.9 ng/kg, mean: 4.8 ng/kg, range: 0.3 to 64.1 ng/kg, N = 194 soil samples, for 17 dioxin congeners excluding PCBs) in Jackson and Calhoun counties in Michigan (University of Michigan 2008). Sampling of house perimeter soils (1-6 inches) in this study indicated 95<sup>th</sup> percentile concentrations of 22.2 ng/kg (median: 6.8 ng/kg, mean: 8.1 ng/kg, range: 0.7 to 31.9 ng/kg, N = 53 soil samples, for 17 dioxin congeners excluding PCBs) in Jackson and Calhoun counties in Michigan.
- An MDEQ study of statewide background dioxin concentrations in soil including sampled locations in Jackson, Calhoun, and Kalamazoo counties (MDEQ 1999b)

reported the following dioxin TEQs calculated using 1998 TEFs: 6.5 ng/kg (Loomis Park – Jackson in Jackson County), 3.6 ng/kg (Portage in Kalamazoo County), 14.9 ng/kg (Vicksburg in Kalamazoo County), and 34.7 ng/kg (Battle Creek in Calhoun County). It is uncertain if the values reported in the study are means or some other value.

As a result, TCDD TEQs and other primary COI/secondary COI concentrations above screening levels from a variety of potential sources may exist throughout the Kalamazoo River.

## 1.2 SEDIMENT

The following non-PCB constituents were identified as sediment primary COIs or secondary COIs in the screening evaluation:

### Sediment Primary COIs

TCDD TEQ

### Sediment Secondary COIs

Lead

Benzo(k)fluoranthene

Dibenzo(a,h)anthracene

Endosulfan I

As discussed above in Section 1.1, non-paper making sources of PCBs in the Kalamazoo watershed have been documented (as noted in the Area 1 SRI Report (ARCADIS 2012). Just as with PCBs, there are other potential sources of inorganic compounds, PAHs, pesticides, and dioxins/furans separate from the paper and pulp industry.

- The sources for dioxins and furans in environmental media were presented in detail above. Several sediment and soil surveys of dioxins/furans concentrations in the United States have been conducted and reported the following findings:
  - In the Florida Panhandle, TCDD TEQ concentrations ranged from 0.51 ng/kg to 77.51 ng/kg dry weight (Hemmings et al. 2002).
  - In San Francisco Bay, TCDD TEQ concentrations ranged from 0.02 ng/kg to 114 ng/kg (USEPA Region 9 2009).
  - In 2010, USEPA Region 9 (2010) issued a memorandum that assessed background concentrations in sediment and stated that a range from 2 to 5 ng/kg TCDD TEQ was a reasonable background determination for non-source-impacted sediment for western states.
  - The typical or “average background” level of dioxins in Michigan soils is less than 10 ng/kg TCDD TEQ (MDEQ 1999a).
- The sources for lead in environmental media were presented in detail above.
- Endosulfan is a restricted-use pesticide particularly effective against aphids, fruit worms, beetles, leafhoppers, moth larvae, and white flies on a wide variety of crops. It is sold as a mixture of two different forms of the same chemical (referred to as  $\alpha$ - and  $\beta$ -endosulfan). Endosulfan is applied to crops by aerial or ground-level foliar spray and is not approved for residential use. Endosulfan can be transported long distances in the air to remote locations (ATSDR 2013). The use of endosulfan is

being restricted to certain crops and is scheduled to be canceled for all uses by 2016 (ATSDR 2013).

- Benzo(k)fluoranthene and dibenzo(a,h)anthracene are PAHs formed during the incomplete burning of coal, oil, gas, wood, garbage, or other organic substances. PAHs generally occur as complex mixtures (for example, as part of combustion products such as soot), not as single compounds. PAHs usually occur naturally, but can be manufactured as individual compounds for research purposes. PAHs may be used in medicines, dyes, plastics, pesticides, asphalt for road construction, crude oil, coal, coal tar pitch, and creosote. PAHs are found throughout the environment in the air, water, and soil. PAHs enter the environment mostly as releases to air from volcanoes, forest fires, residential wood burning, and exhaust from automobiles and trucks (ATSDR 1995). PAHs also enter surface water through discharges from industrial plants and waste water treatment plants or released to soil at hazardous waste sites. PAHs can occur in the air attached to dust particles or as solids in soil or sediment and can travel long distances before wet or dry deposition on the Earth's surface (ATSDR 1995).



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